

Program EVALPLOT  
(Version 2021-1)

by

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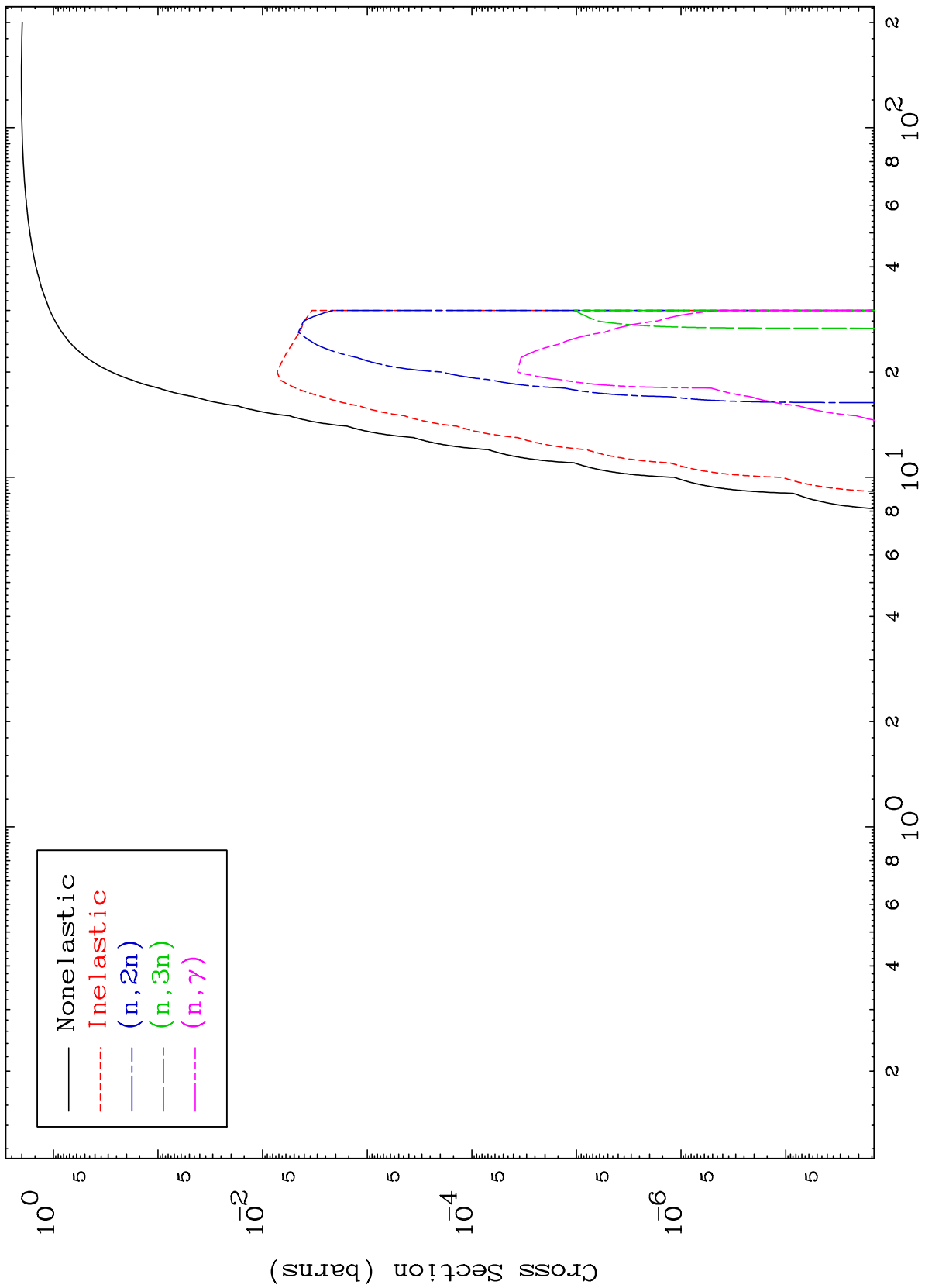
Press Mouse Button to Start

MAT 6395

He-3 Major

64-Gd-142

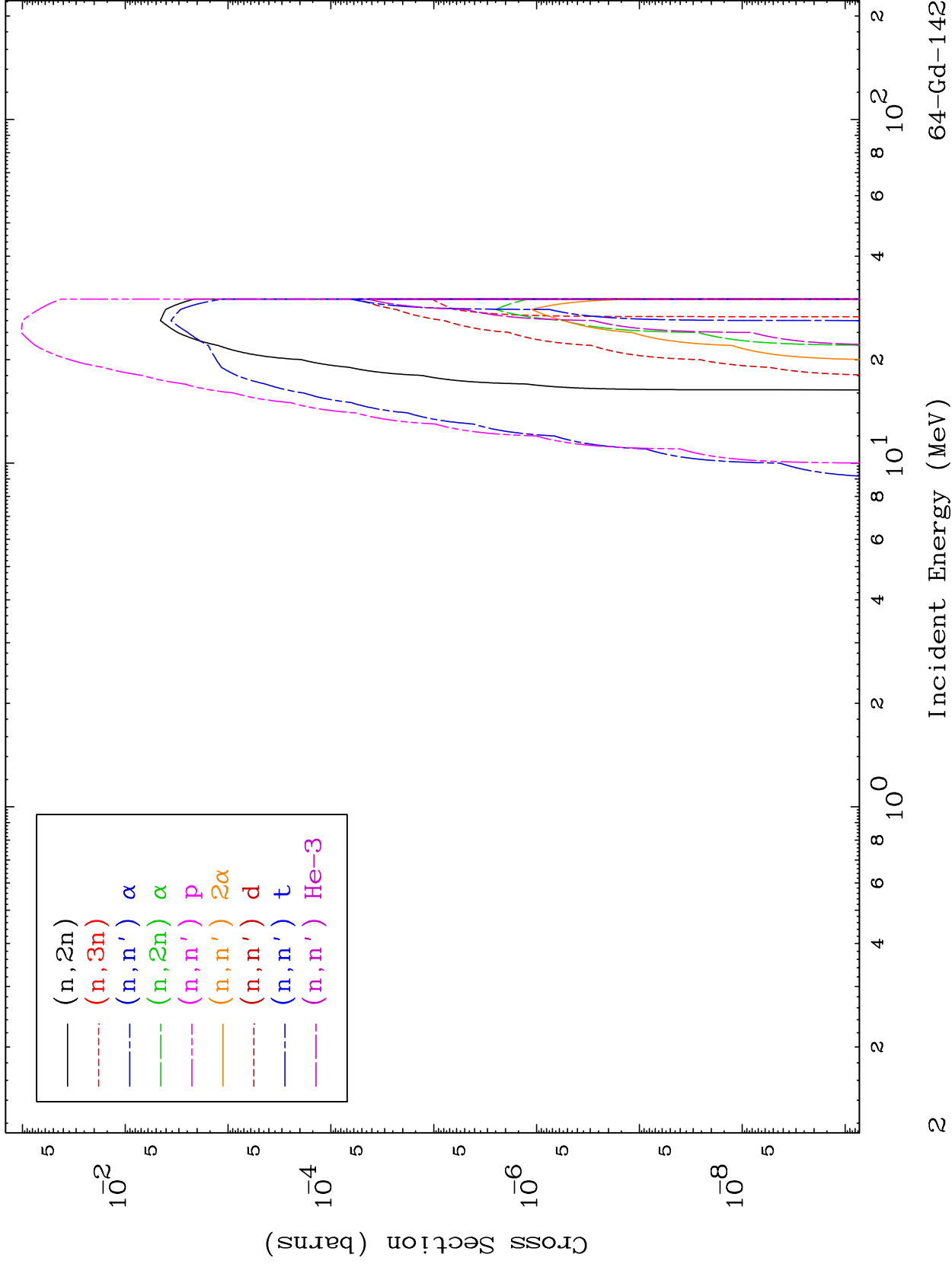
0 Kelvin Cross Sections



MAT 6395

He-3 Neutron Absorption  
0 Kelvin Cross Sections

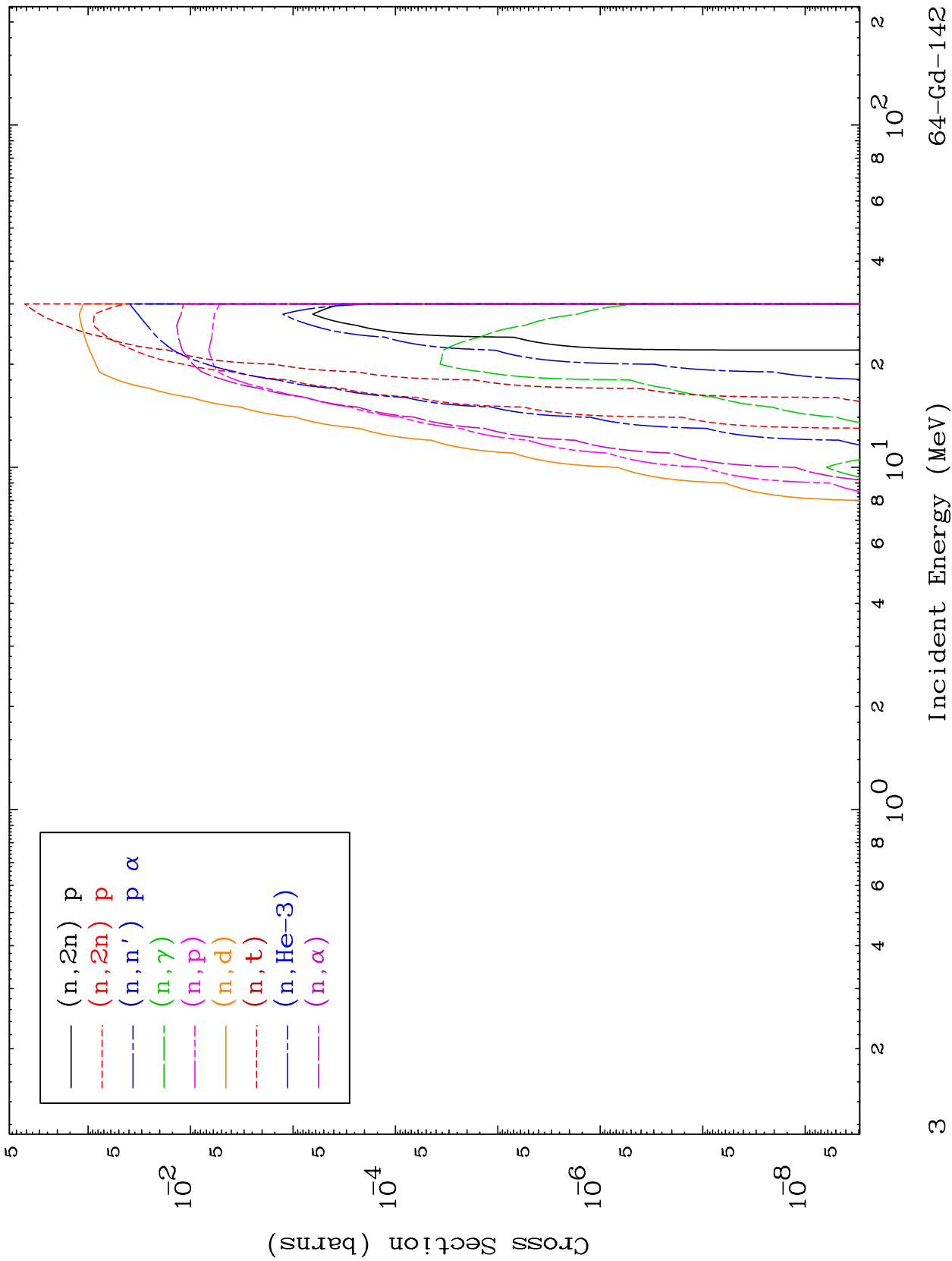
64-Gd-142



MAT 6395

He-3 Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-142



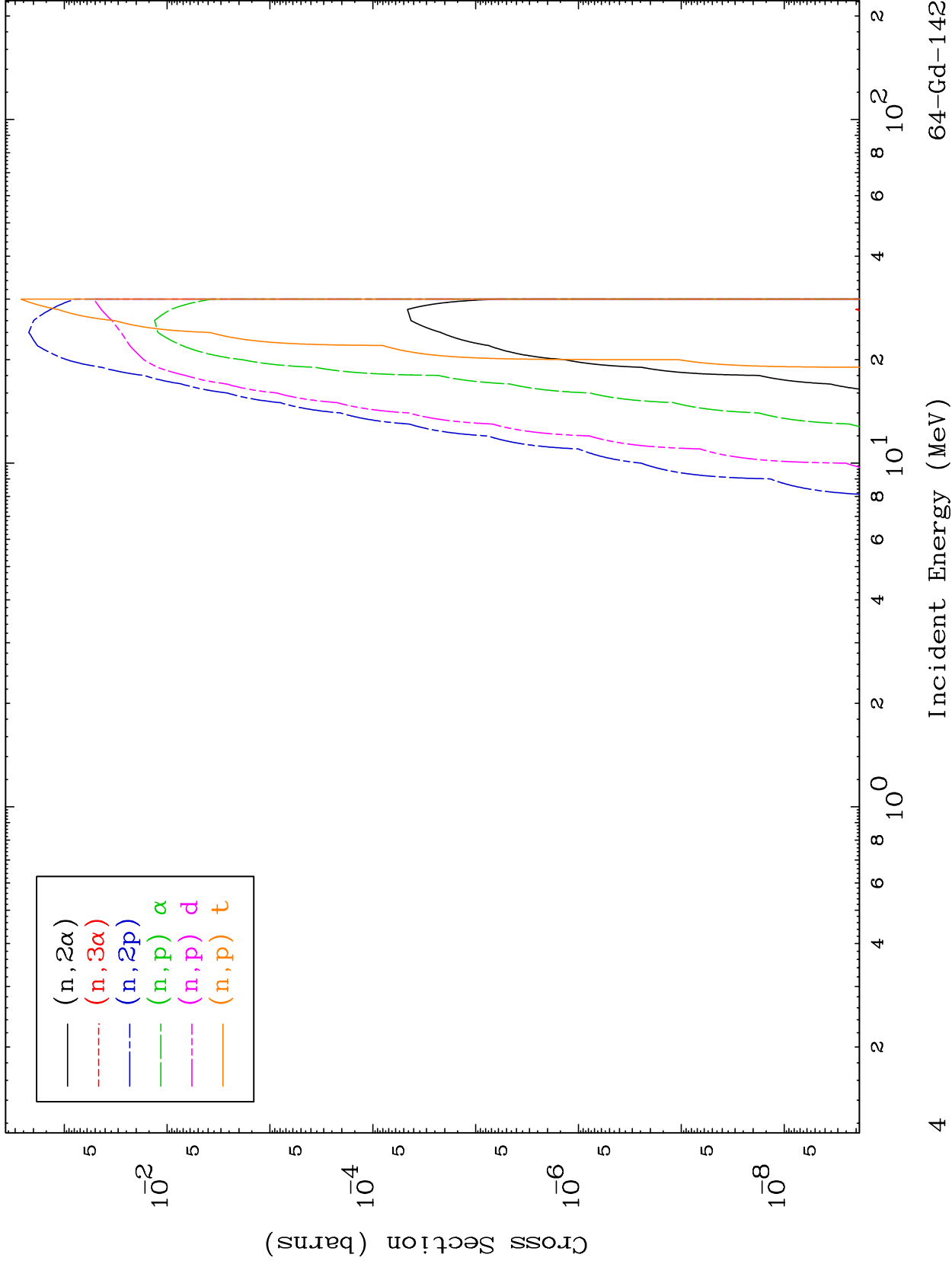
64-Gd-142

Incident Energy (MeV)

MAT 6395

He-3 Neutron Absorption  
0 Kelvin Cross Sections

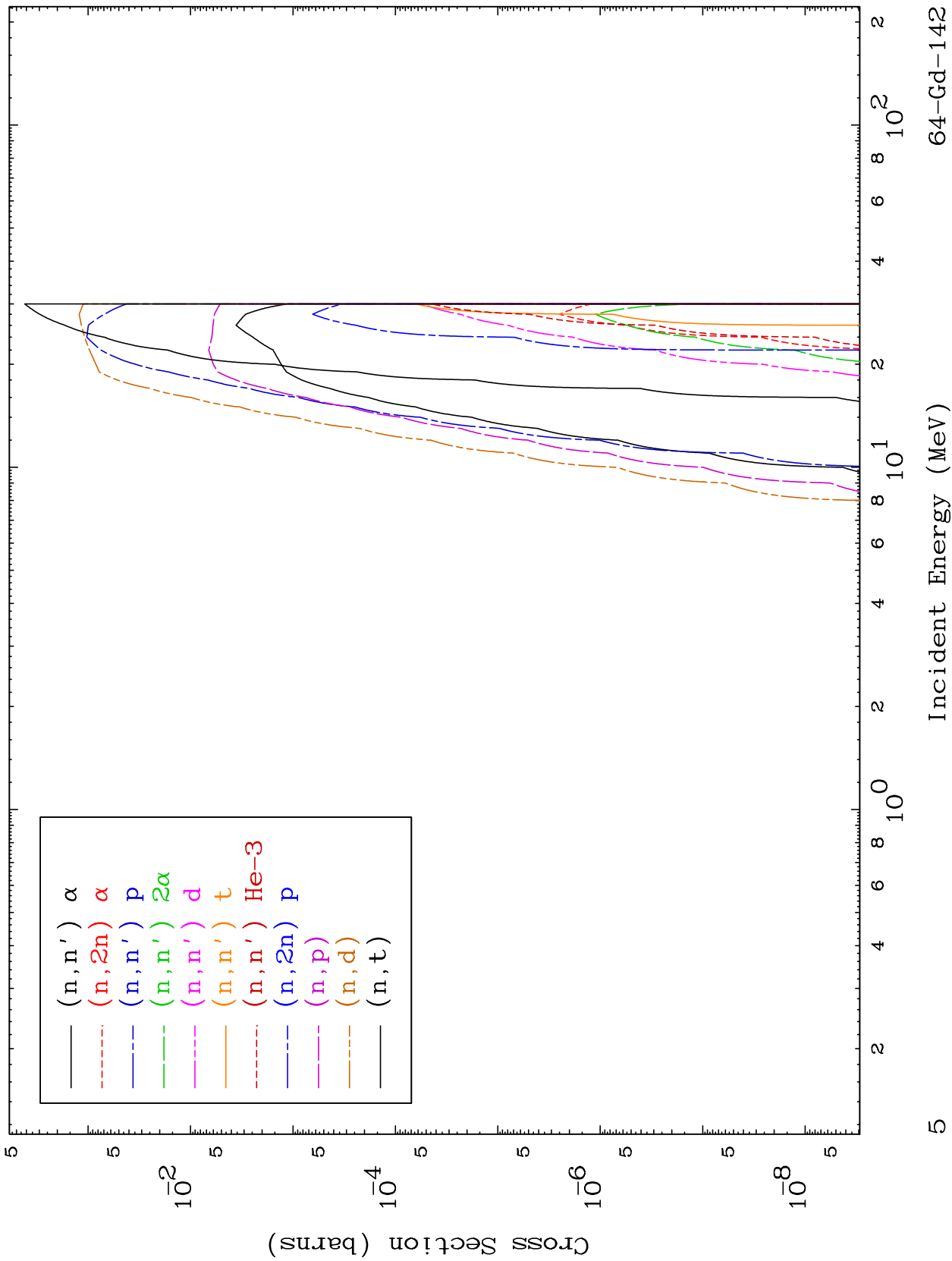
64-Gd-142



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He-3 Charged Particle  
0 Kelvin Cross Sections

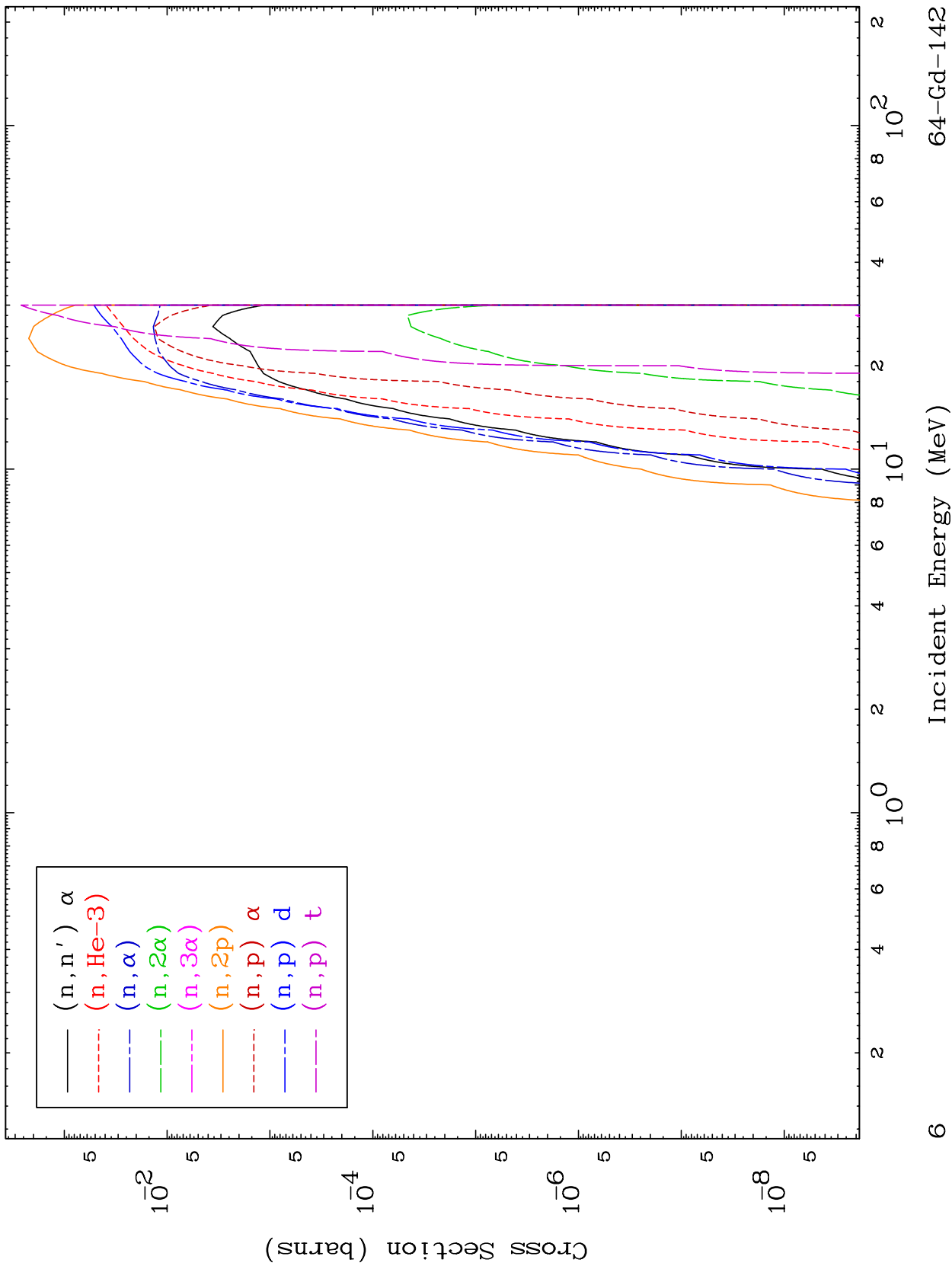
64-Gd-142



5

Incident Energy (MeV)

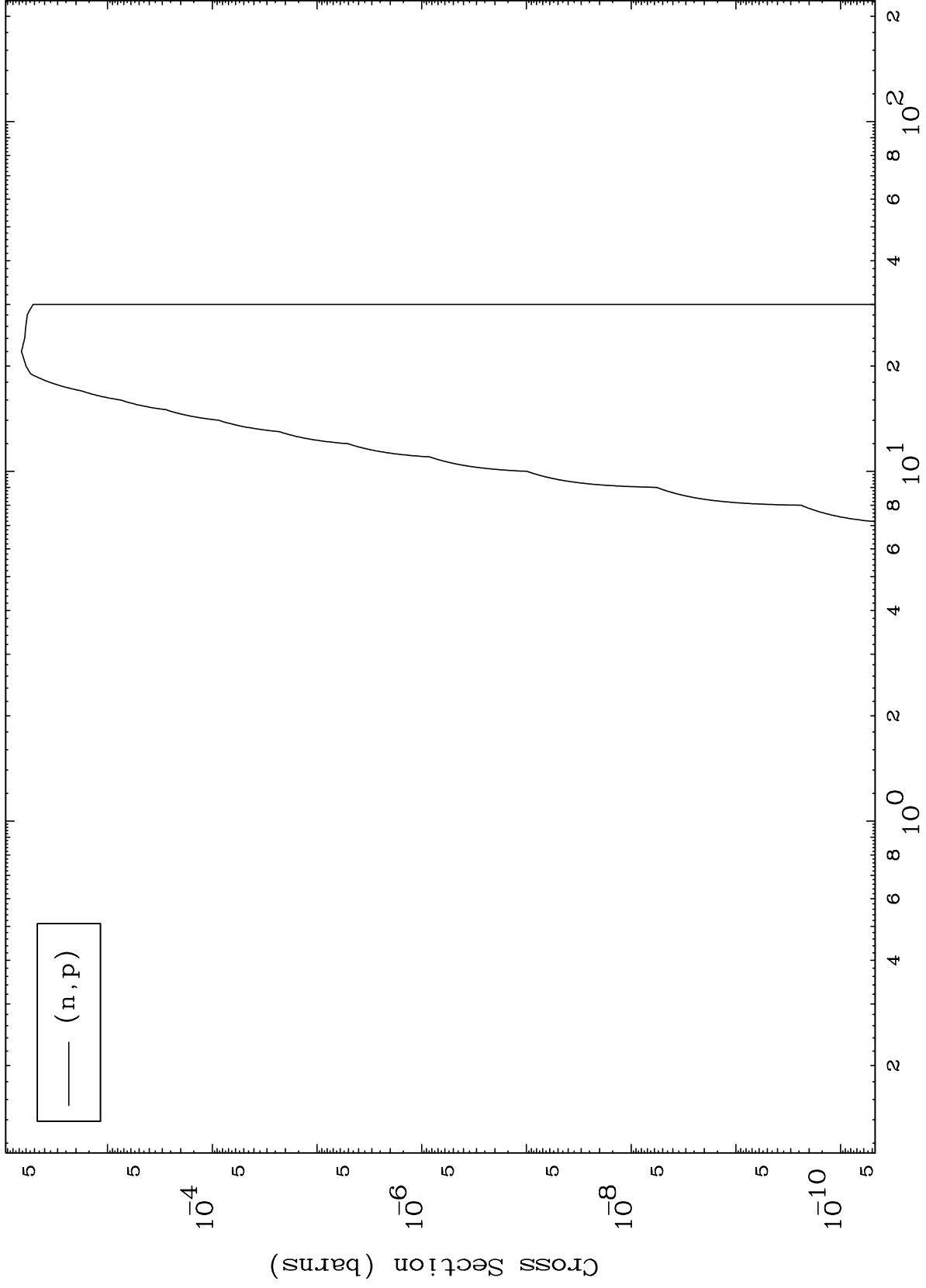
64-Gd-142



MAT 6395

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

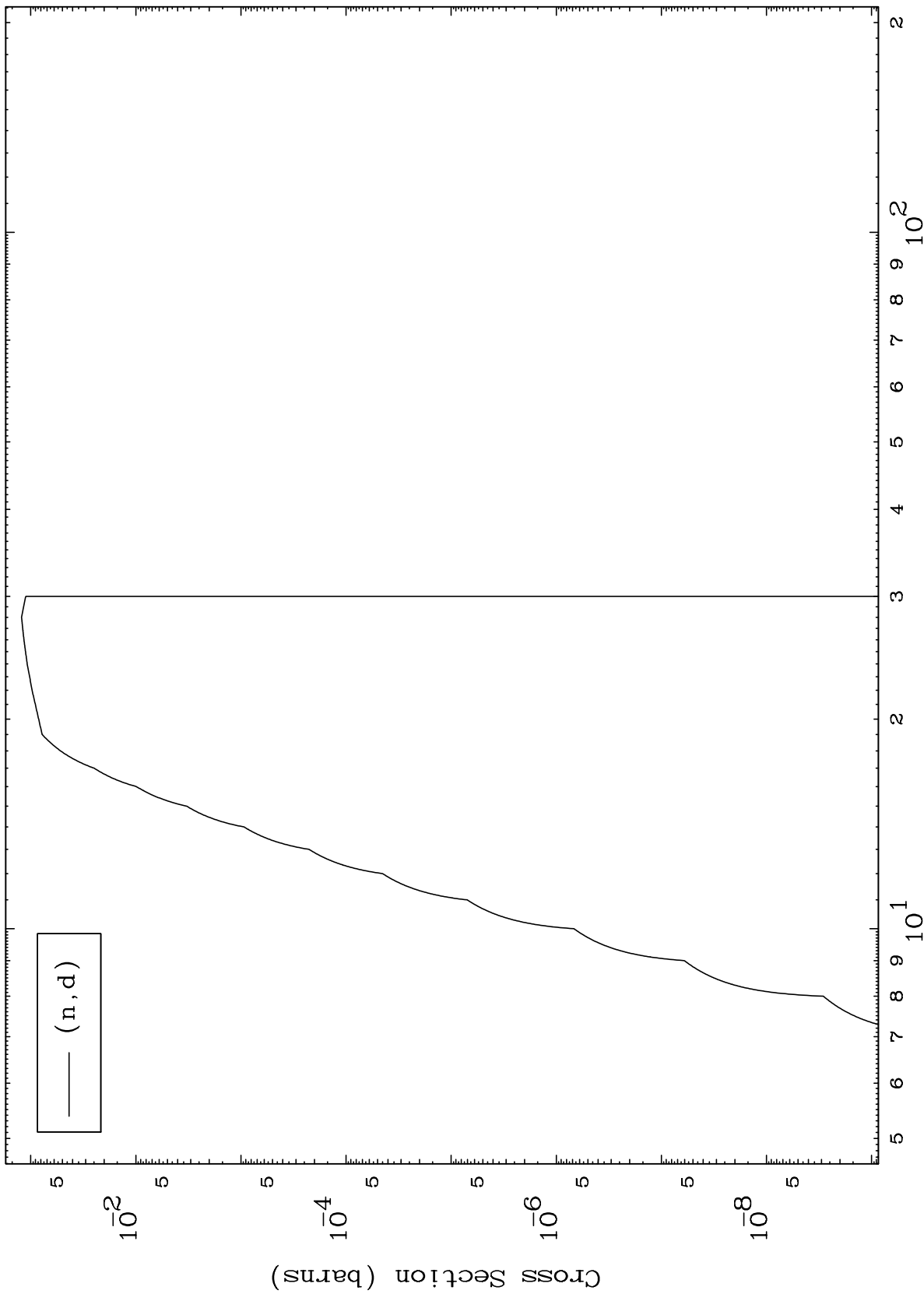
64-Gd-142

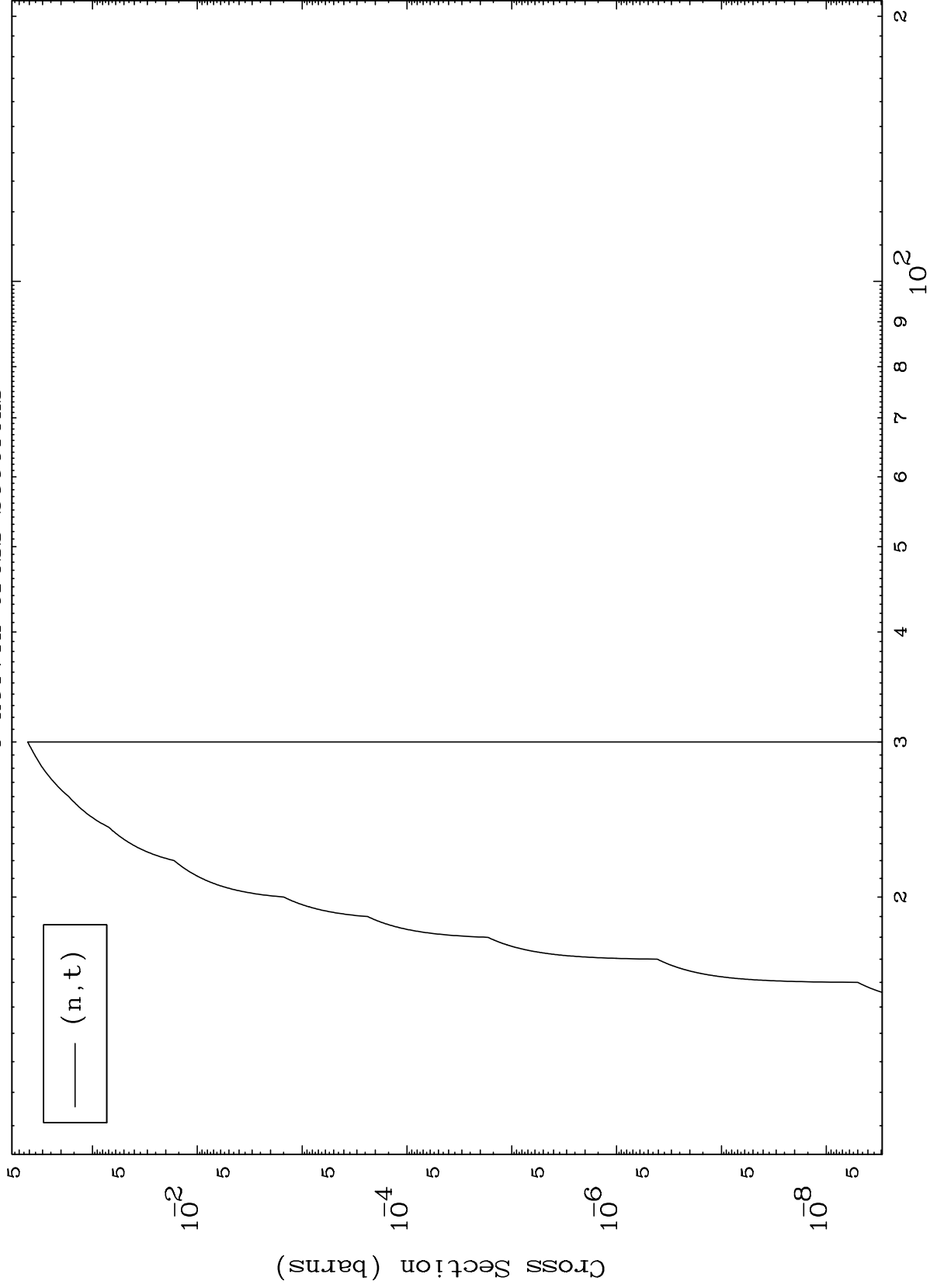


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(He-3,d) Levels  
0 Kelvin Cross Sections

64-Gd-142



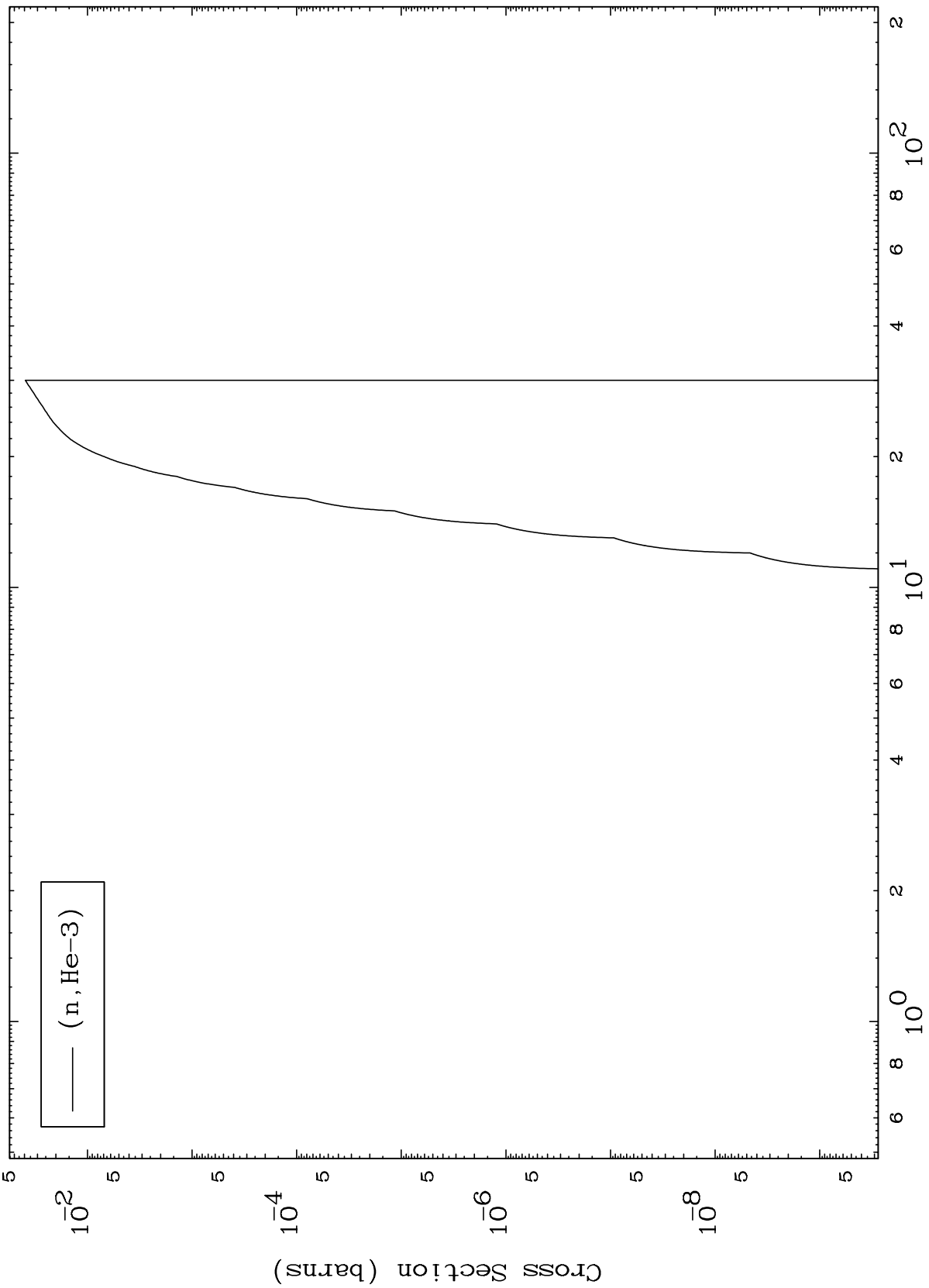


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(He-3, He3) Levels

64-Gd-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

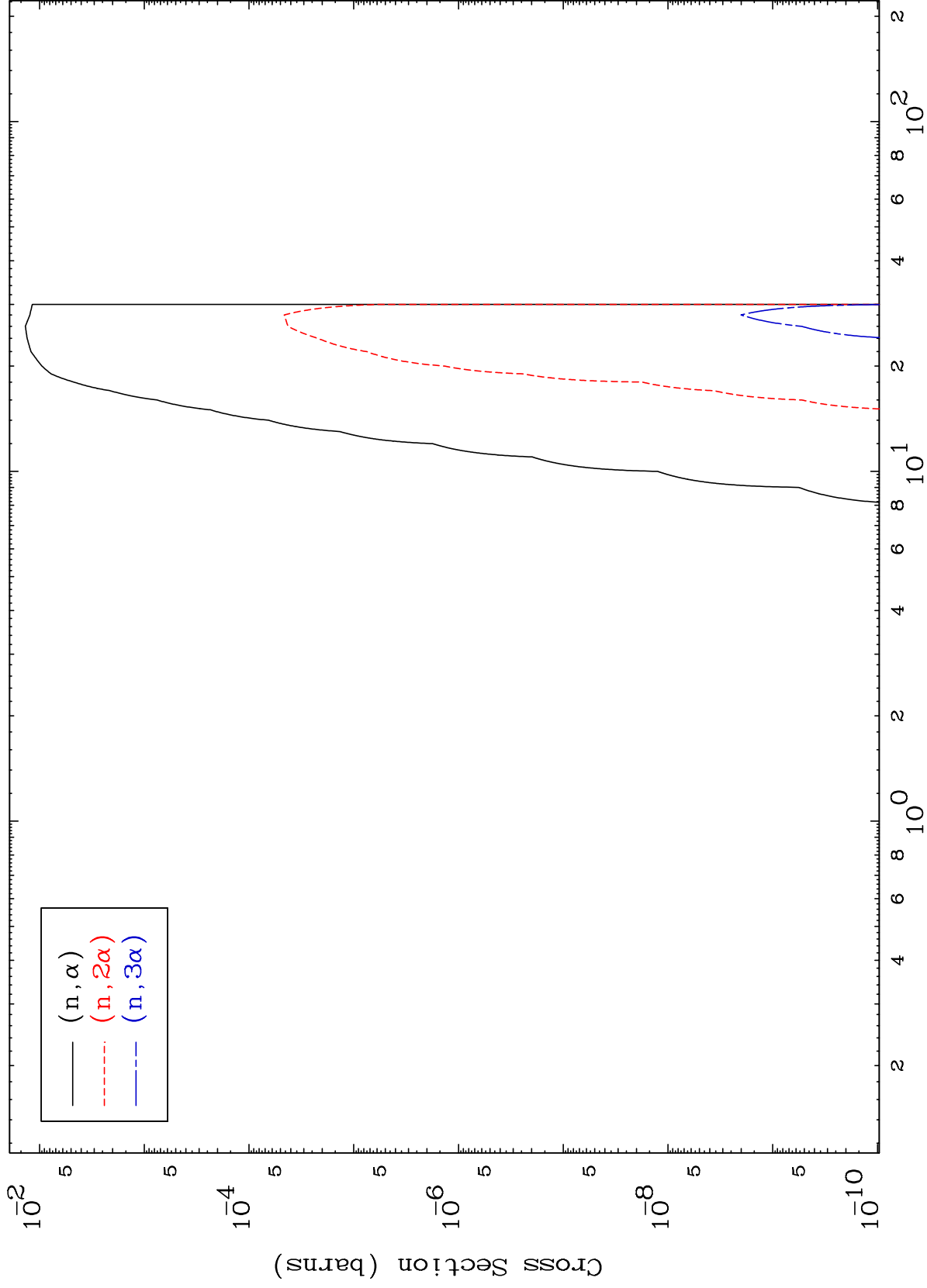
64-Gd-142

MAT 6395

(He-3,  $\alpha$ ) Levels

64-Gd-142

0 Kelvin Cross Sections

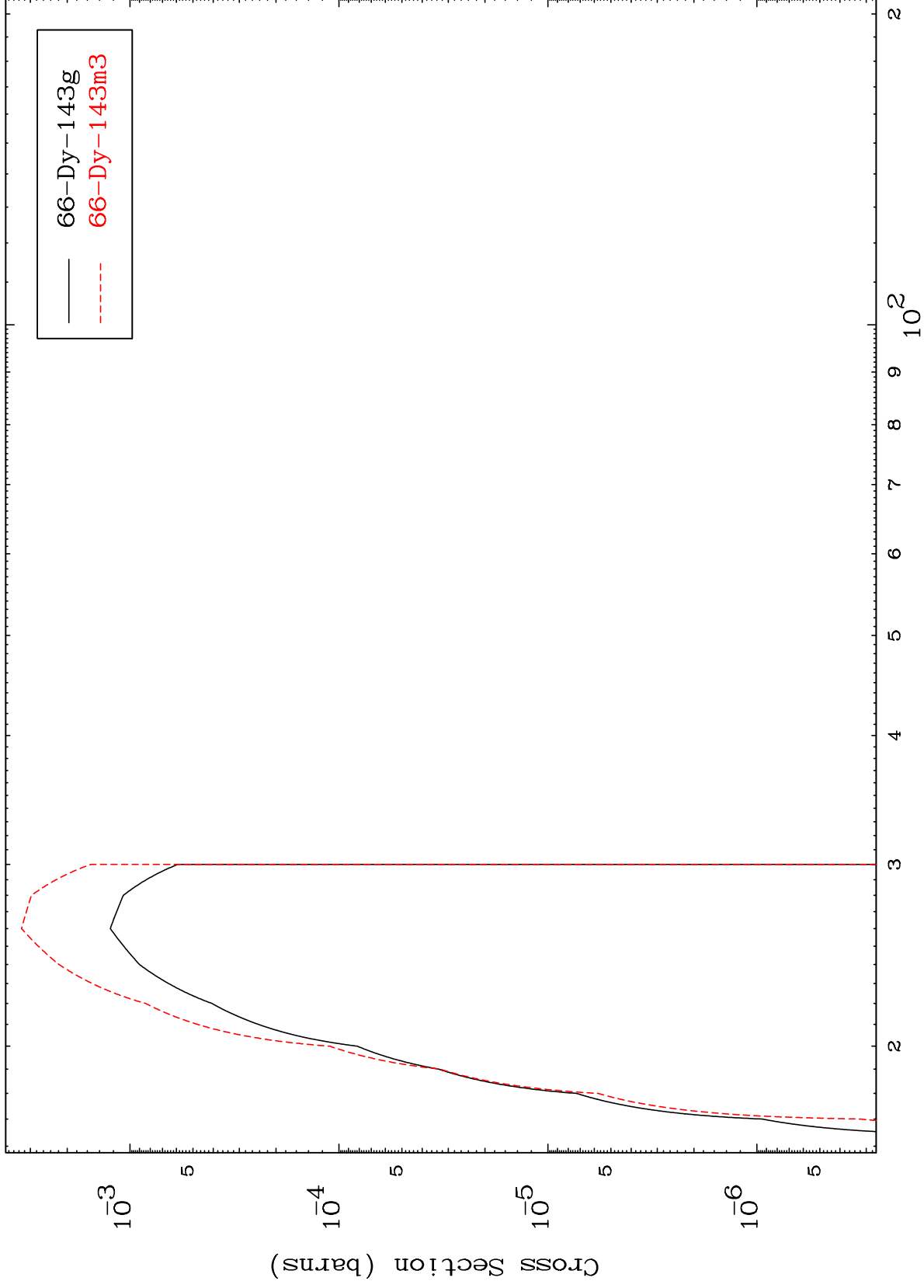


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(n,2n)

64-Gd-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

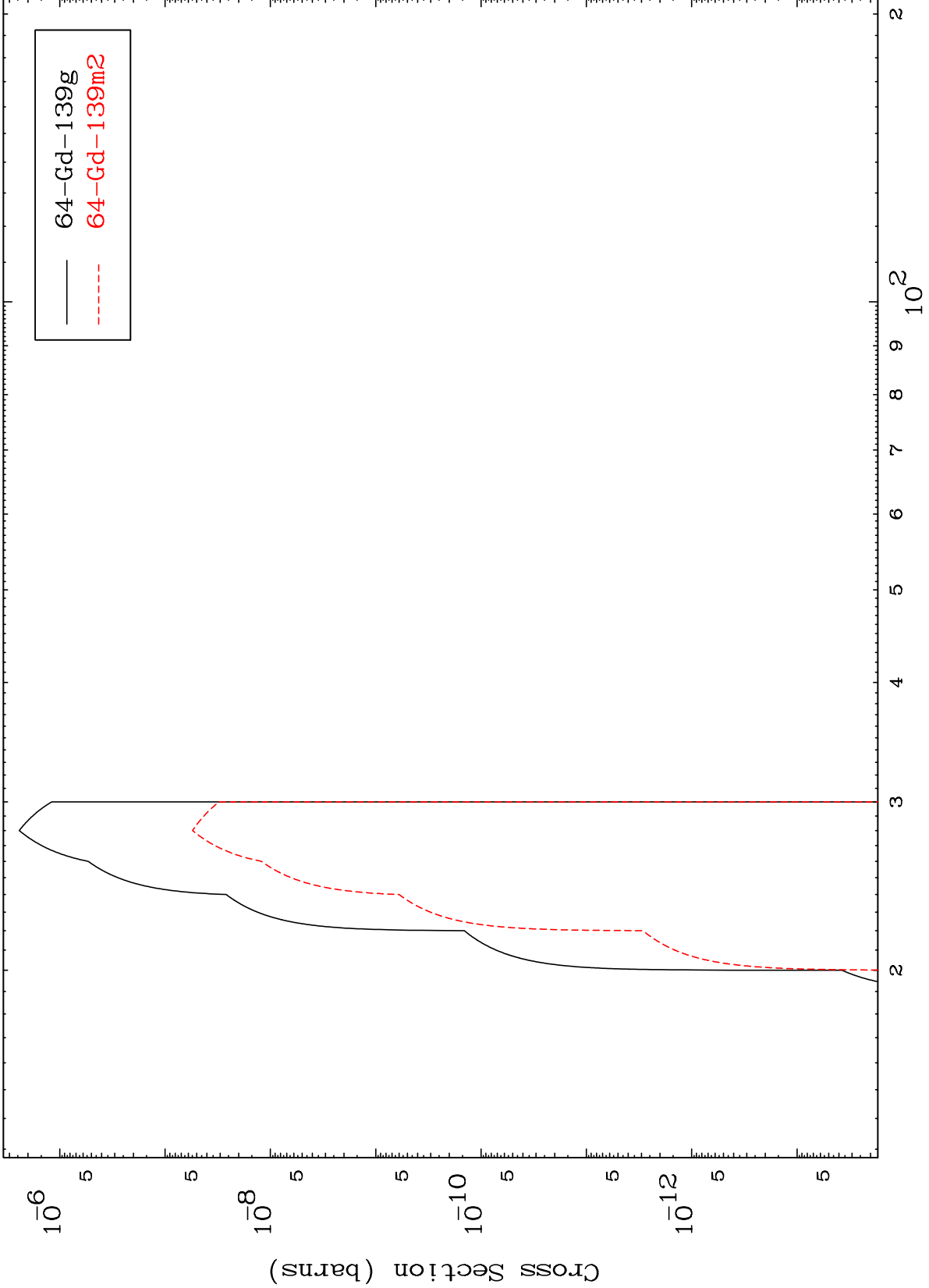
64-Gd-142

MAT 6395

$(n,2n) \alpha$

64-Gd-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

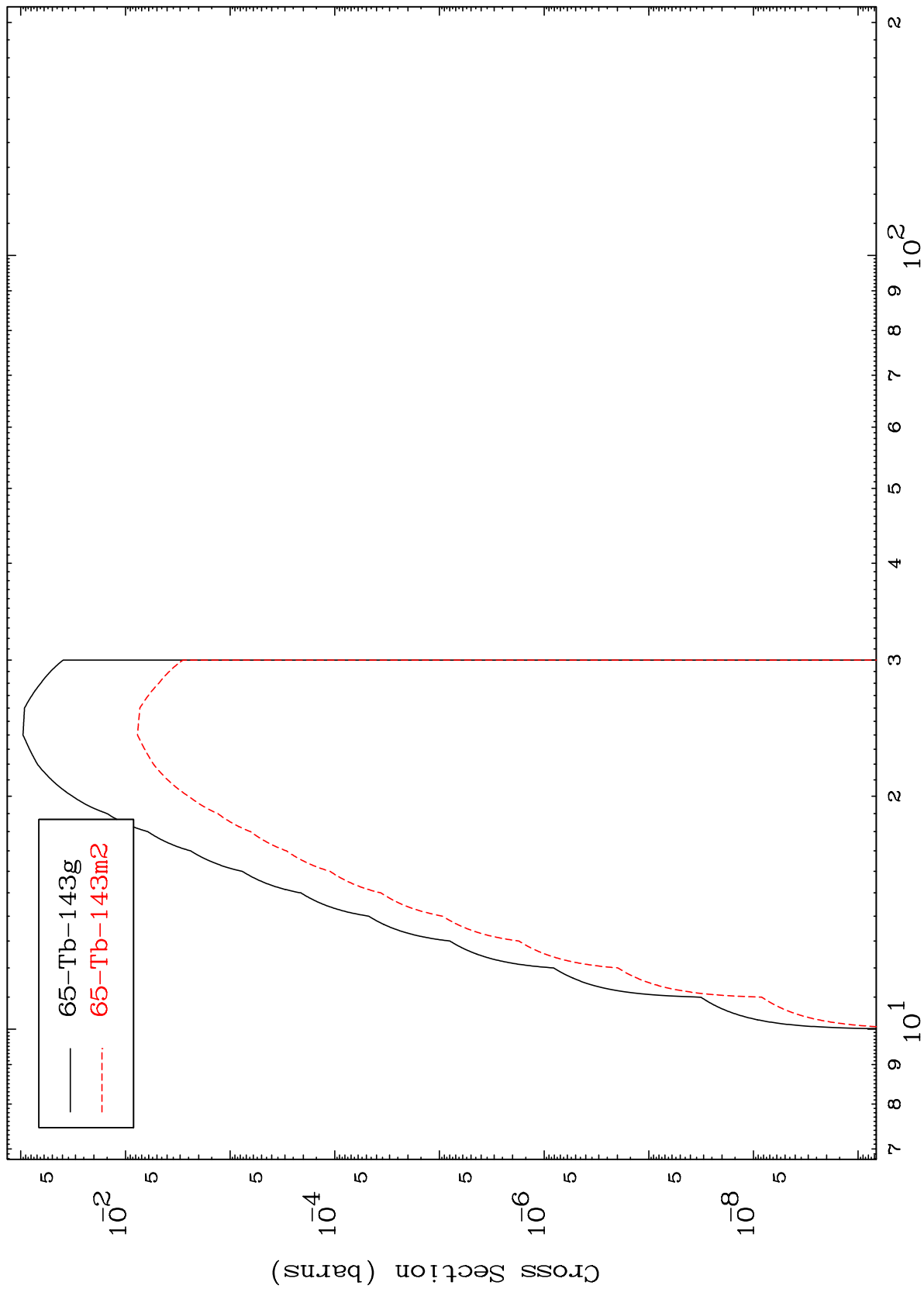
64-Gd-142

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(n,n') p

64-Gd-142

Radionuclide Production Cross Section

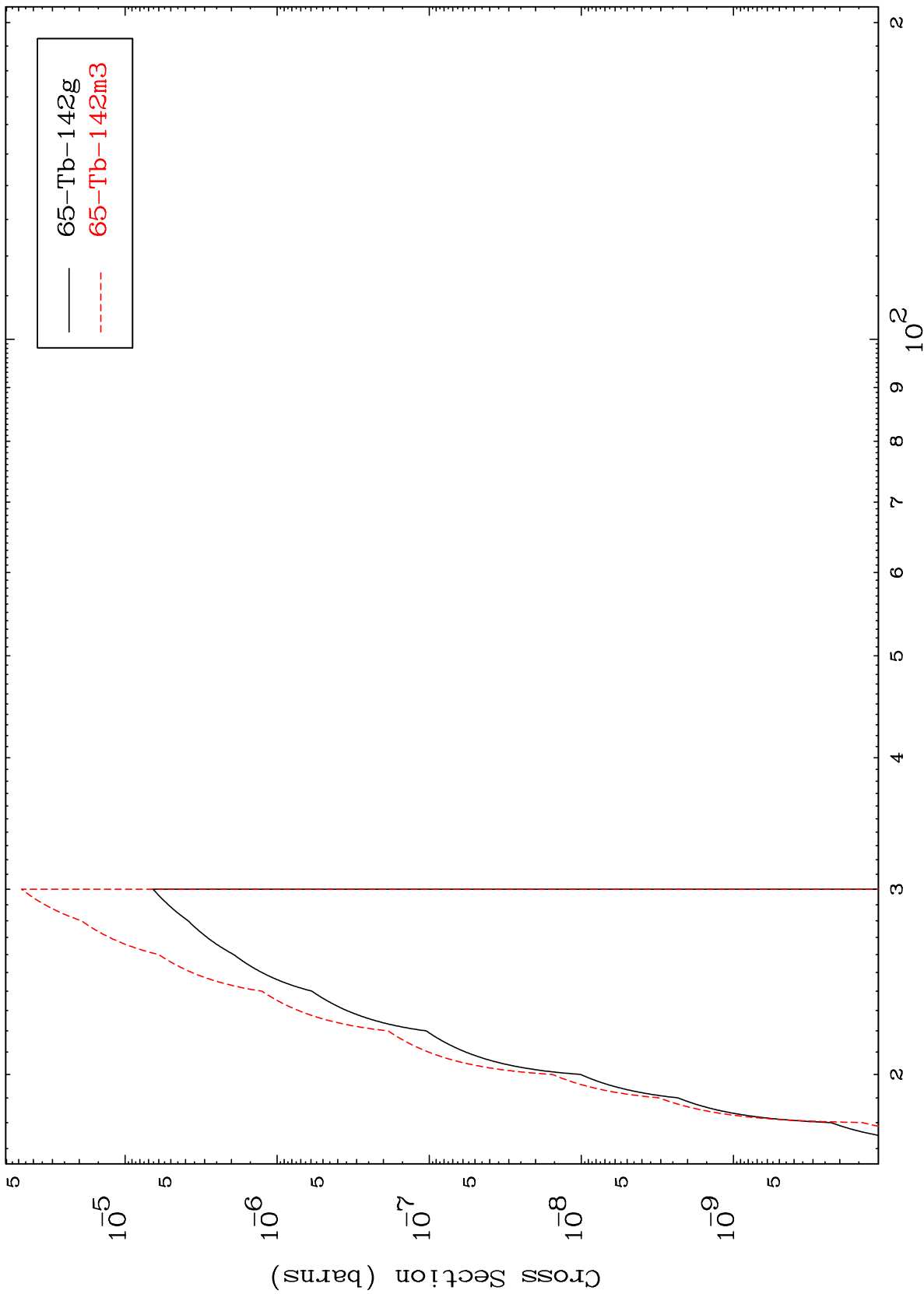


14

Incident Energy (MeV)

64-Gd-142

Radionuclide Production Cross Section

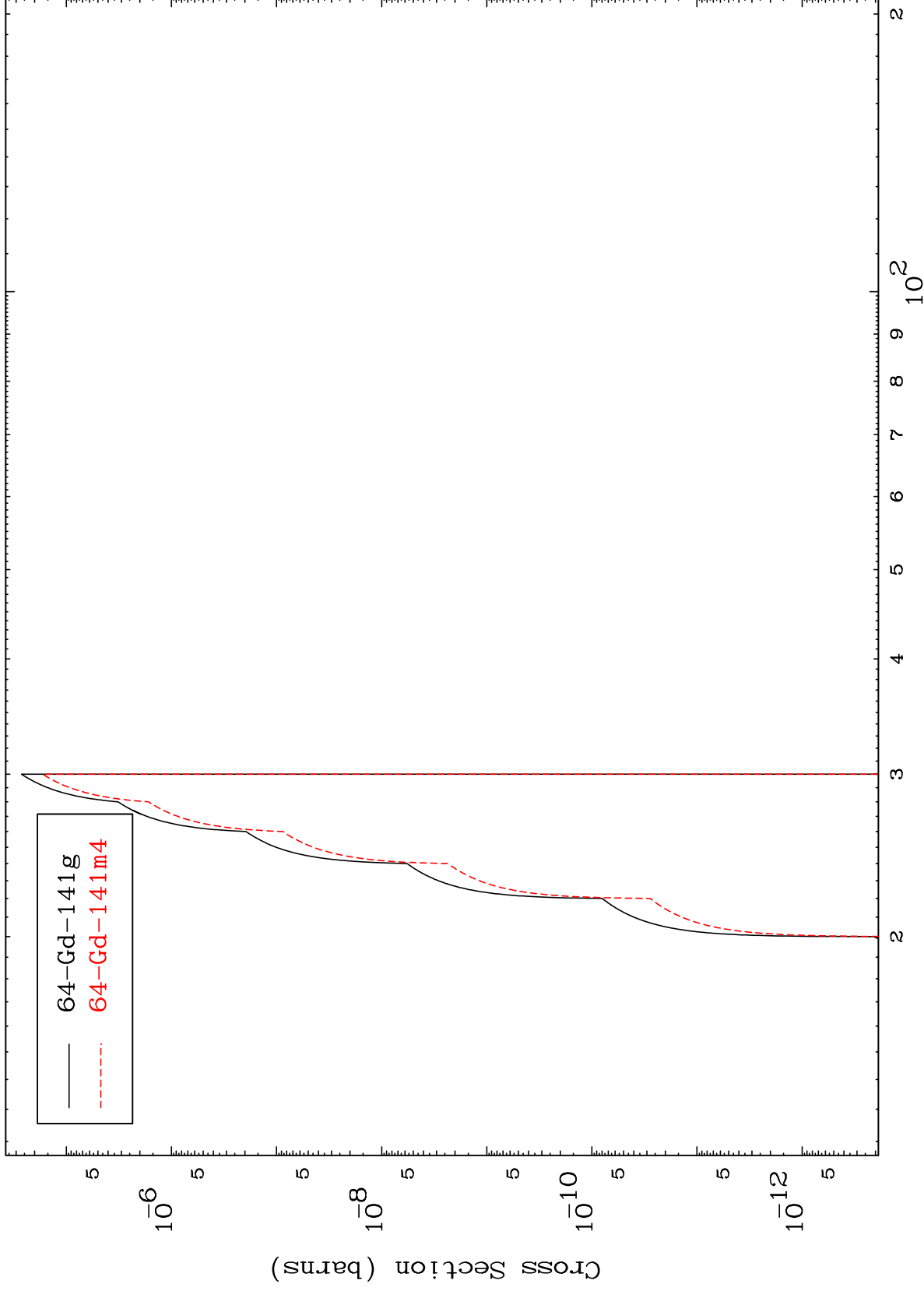


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(n,n') He-3

64-Gd-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

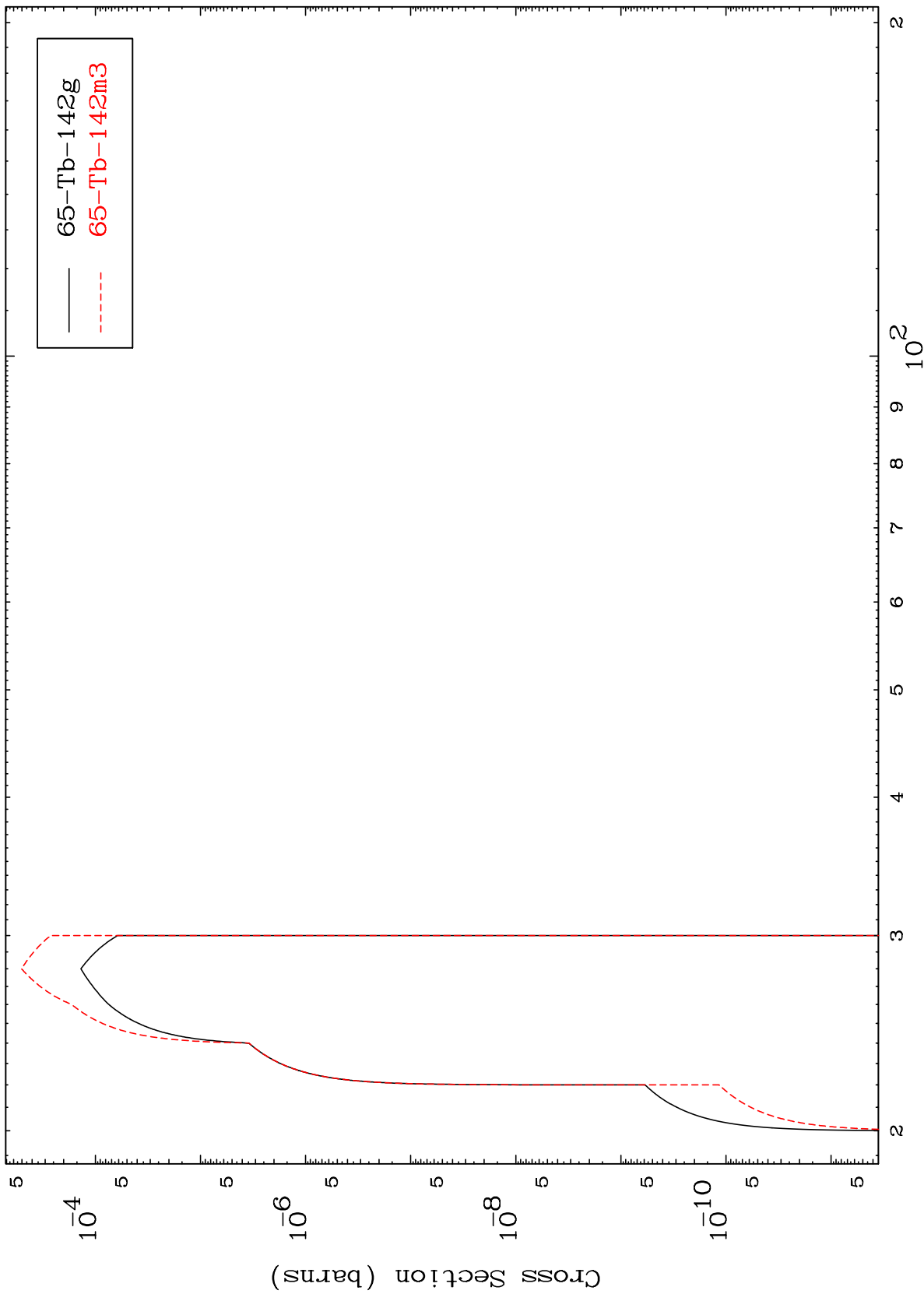
64-Gd-142

MAT 6395

(n,2n) p

64-Gd-142

Radionuclide Production Cross Section



17

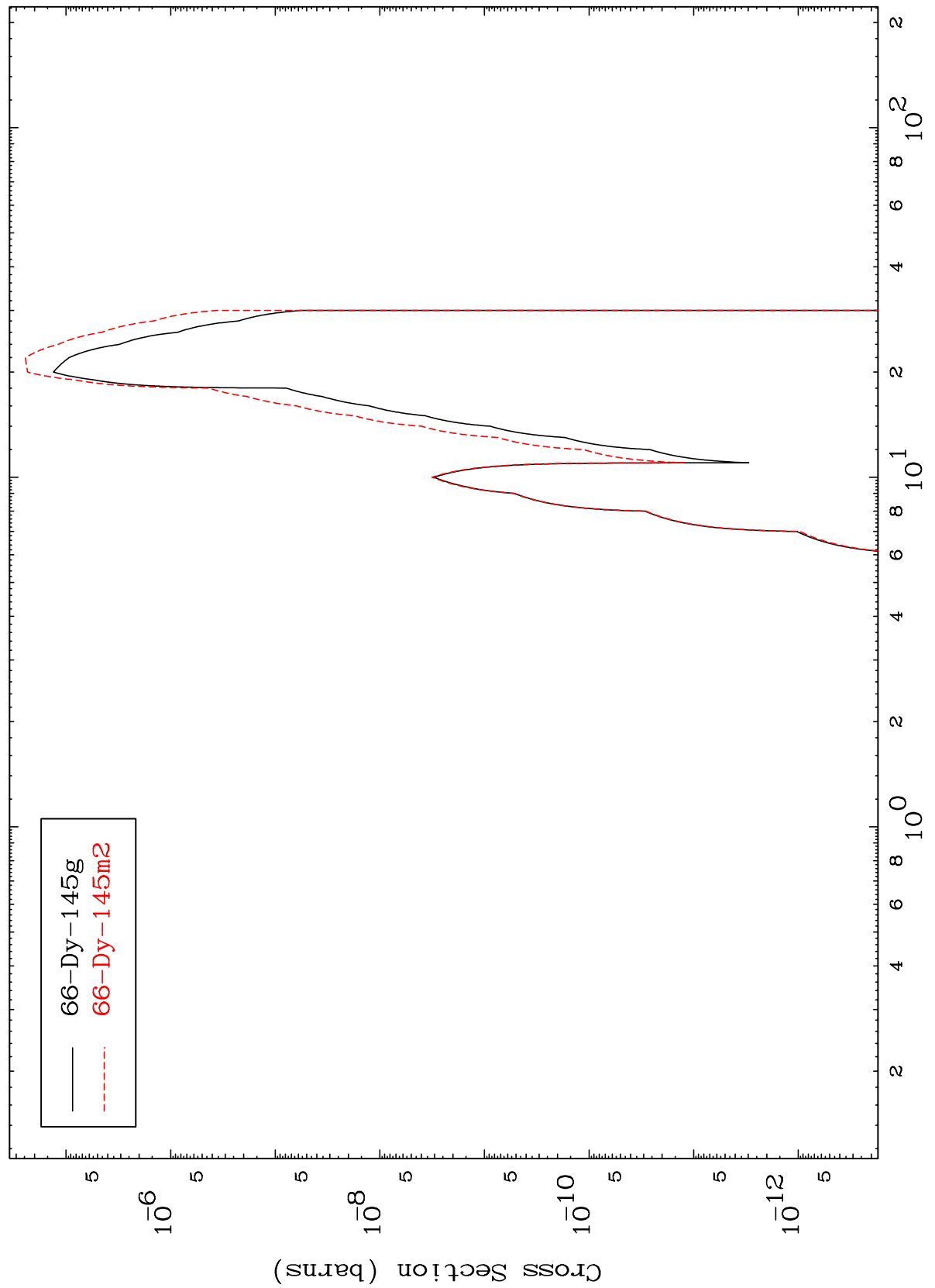
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

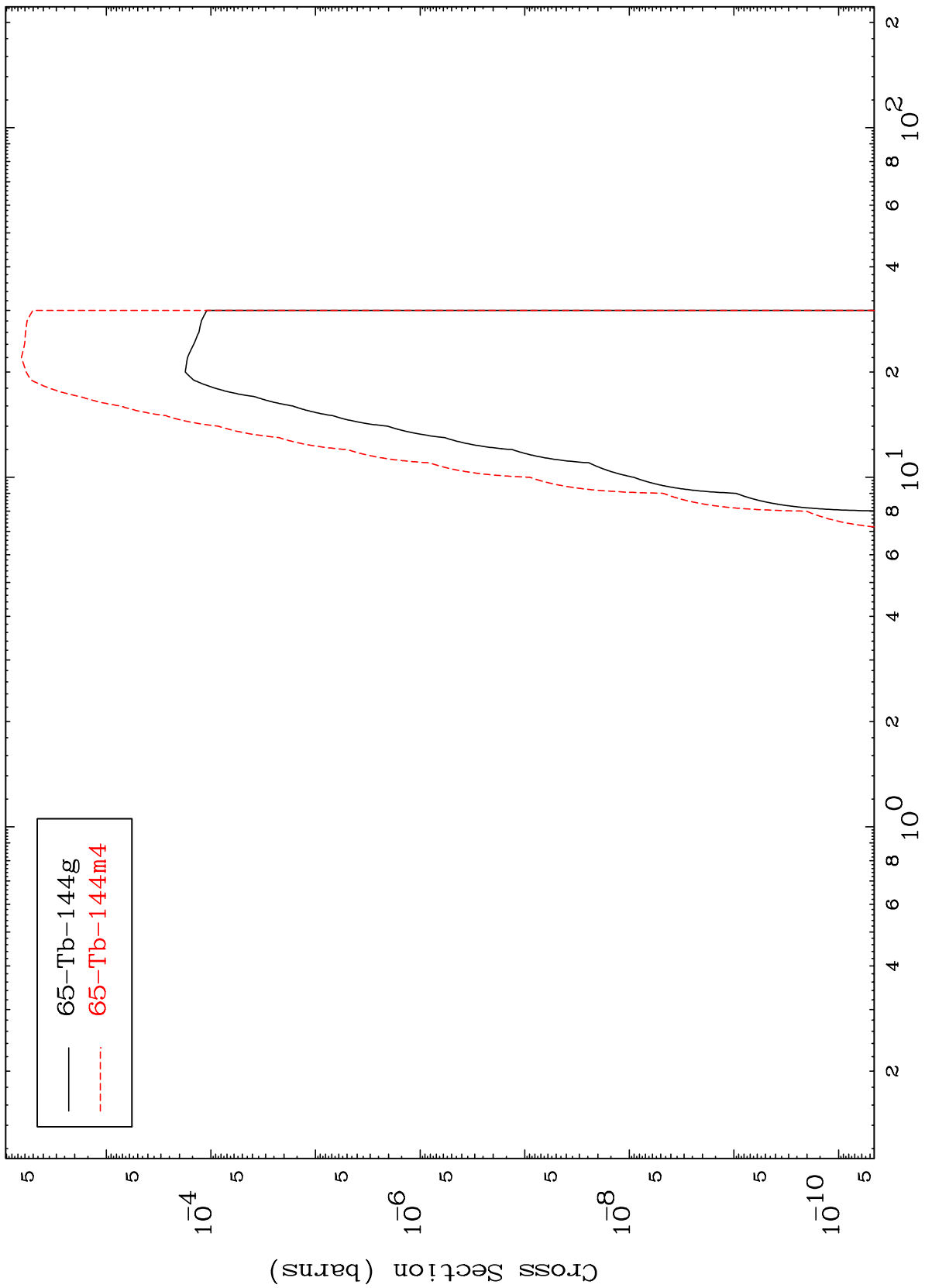
Radionuclide Production Cross Section  
(n,  $\gamma$ )



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64-Gd-142

(n,p)  
Radionuclide Production Cross Section

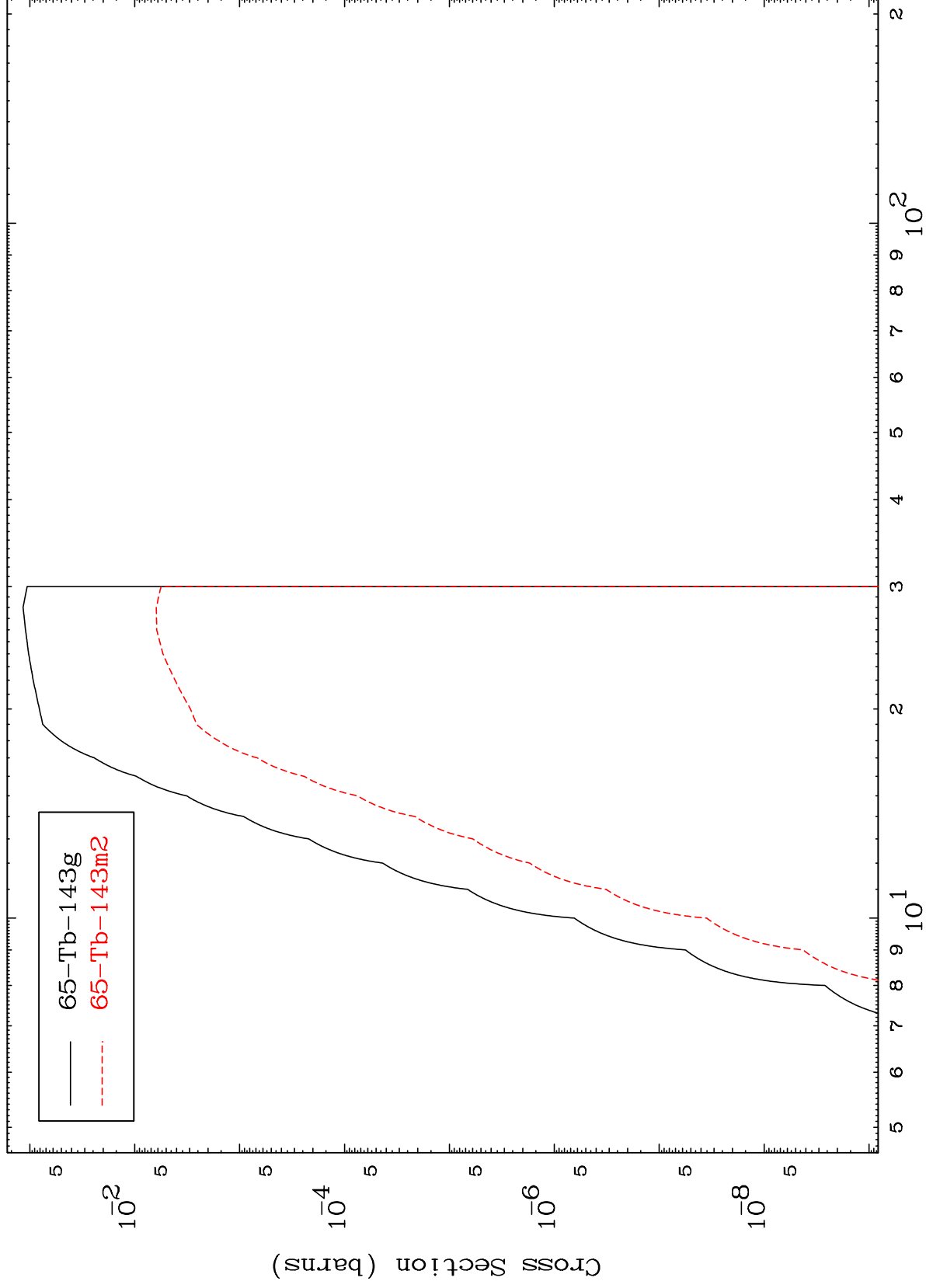


MAT 6395

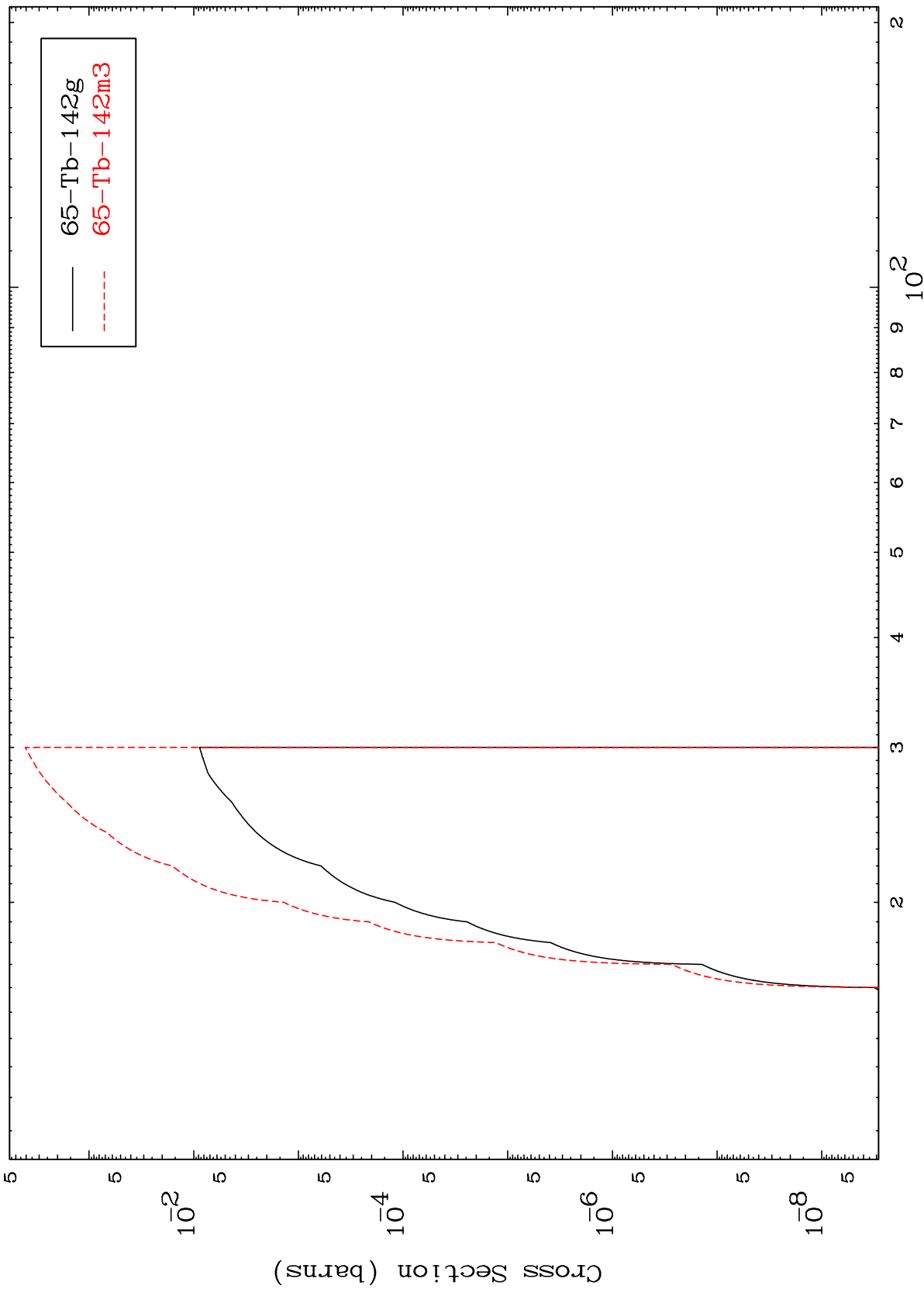
(n,d)

64-Gd-142

Radionuclide Production Cross Section

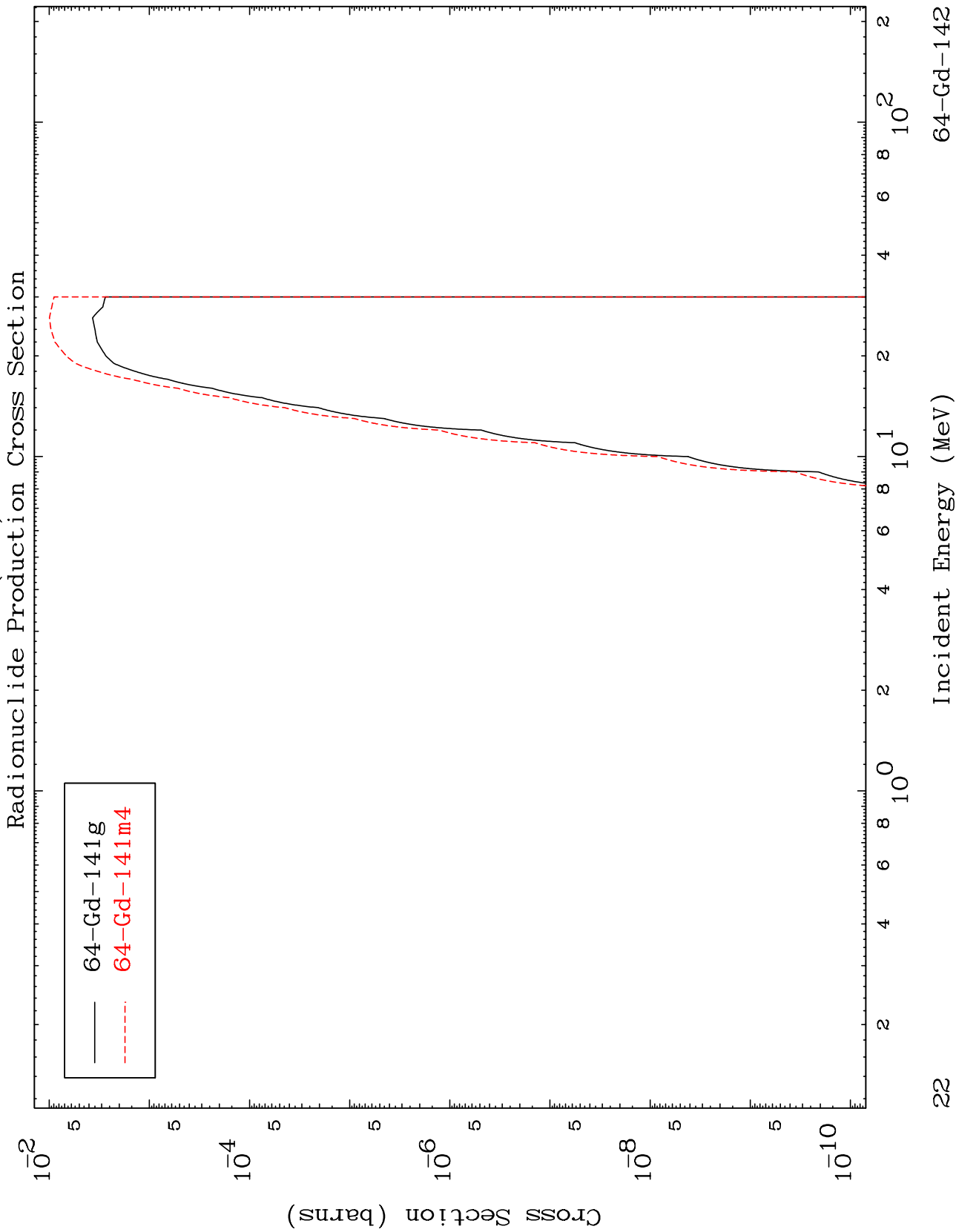


(n, t)  
Radionuclide Production Cross Section



MAT 6395

64-Gd-142

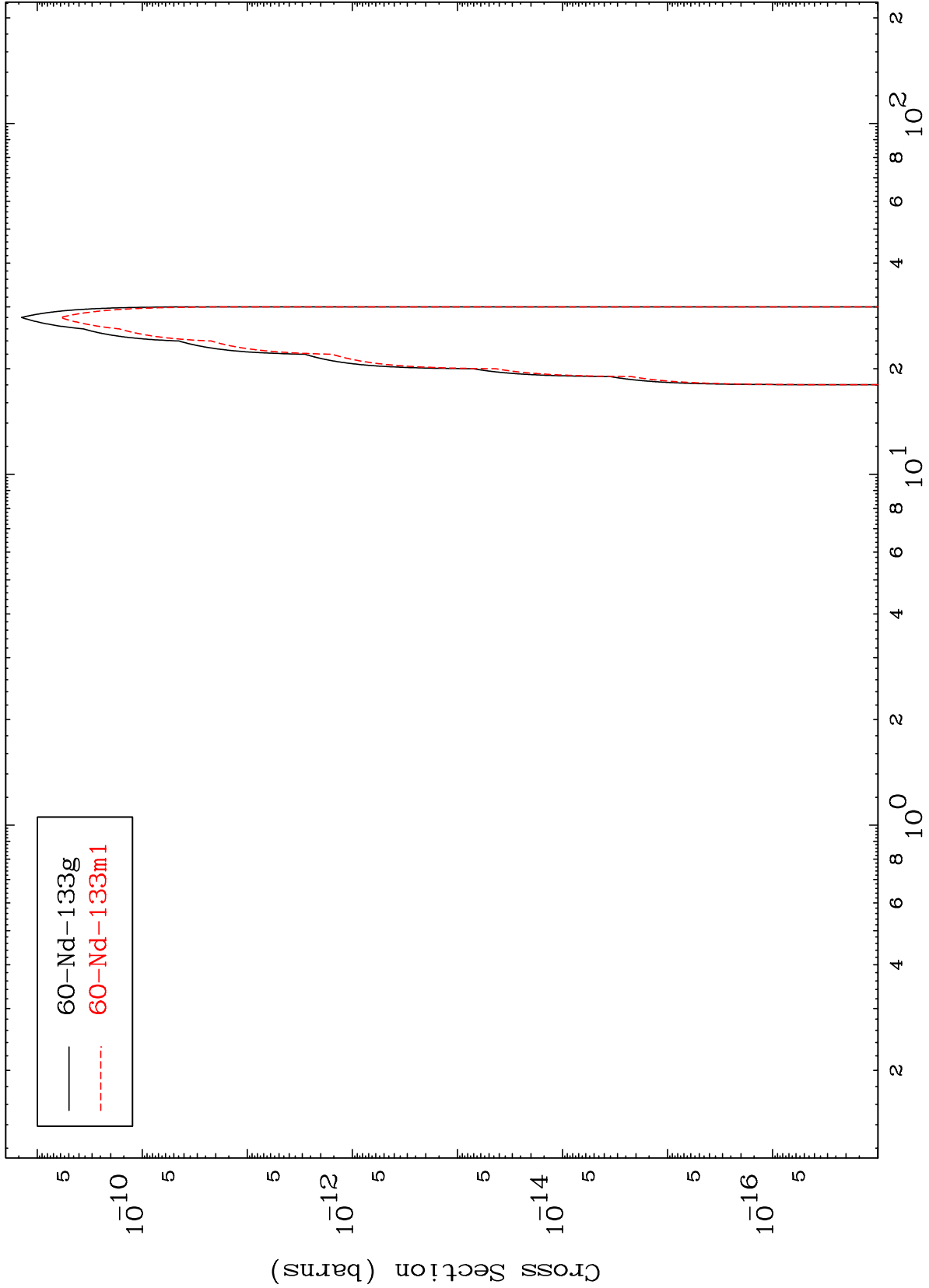


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(n, 3α)

64-Gd-142

Radionuclide Production Cross Section



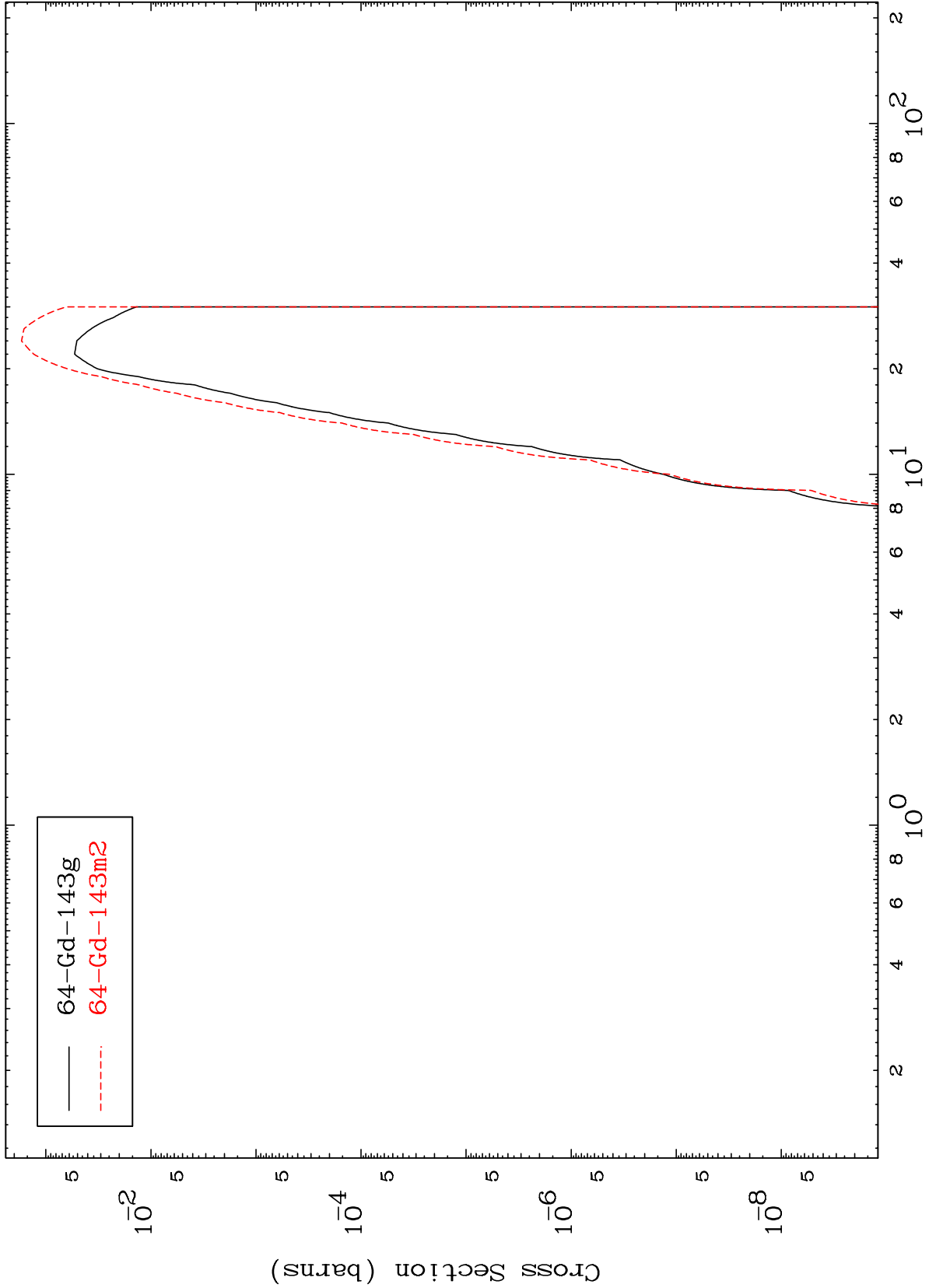
60-Nd-133g  
60-Nd-133m1

MAT 6395

(n,2p)

64-Gd-142

Radionuclide Production Cross Section



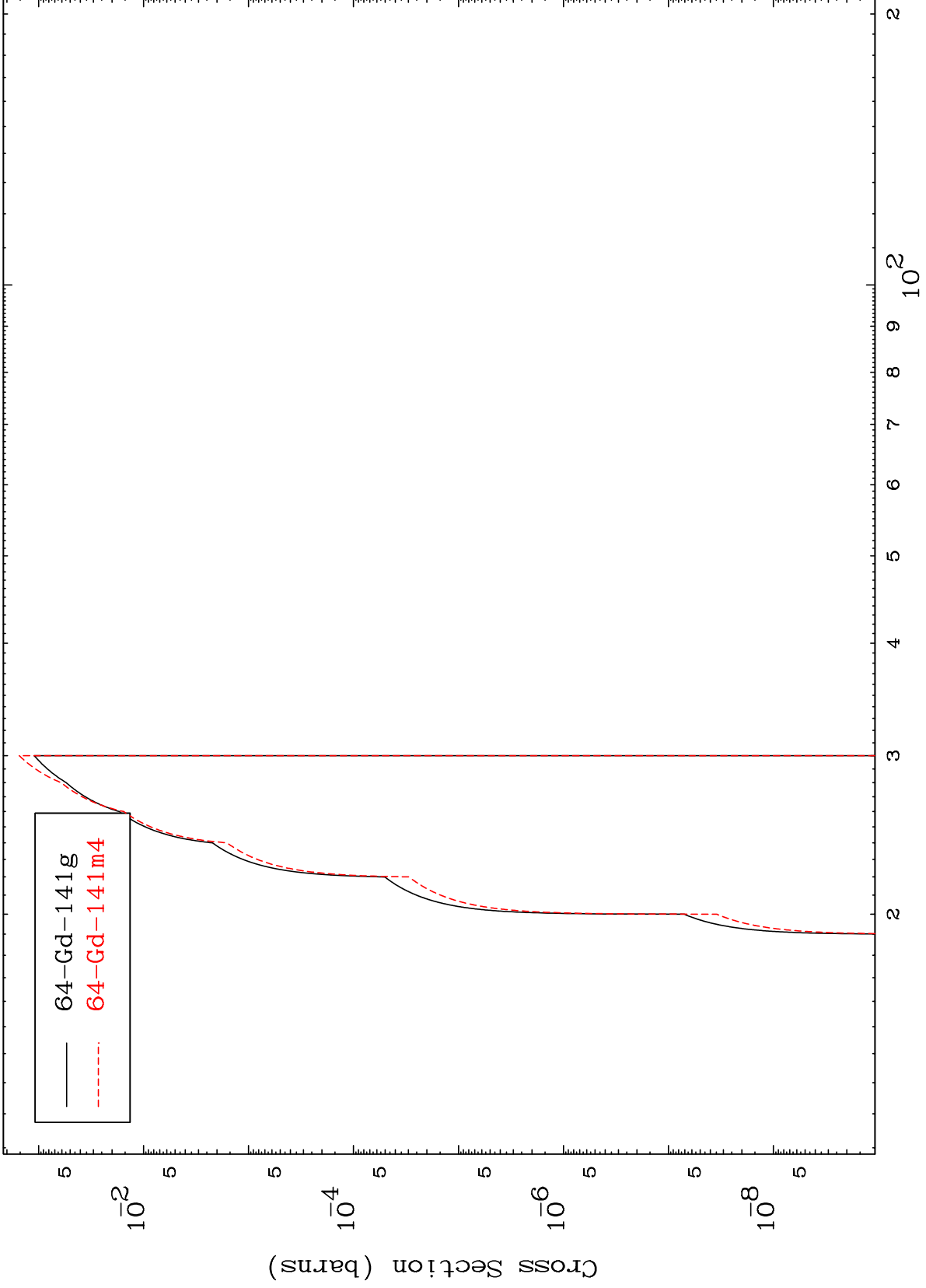
64-Gd-143g  
64-Gd-143m2

MAT 6395

(n,p) t

64-Gd-142

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-142