

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

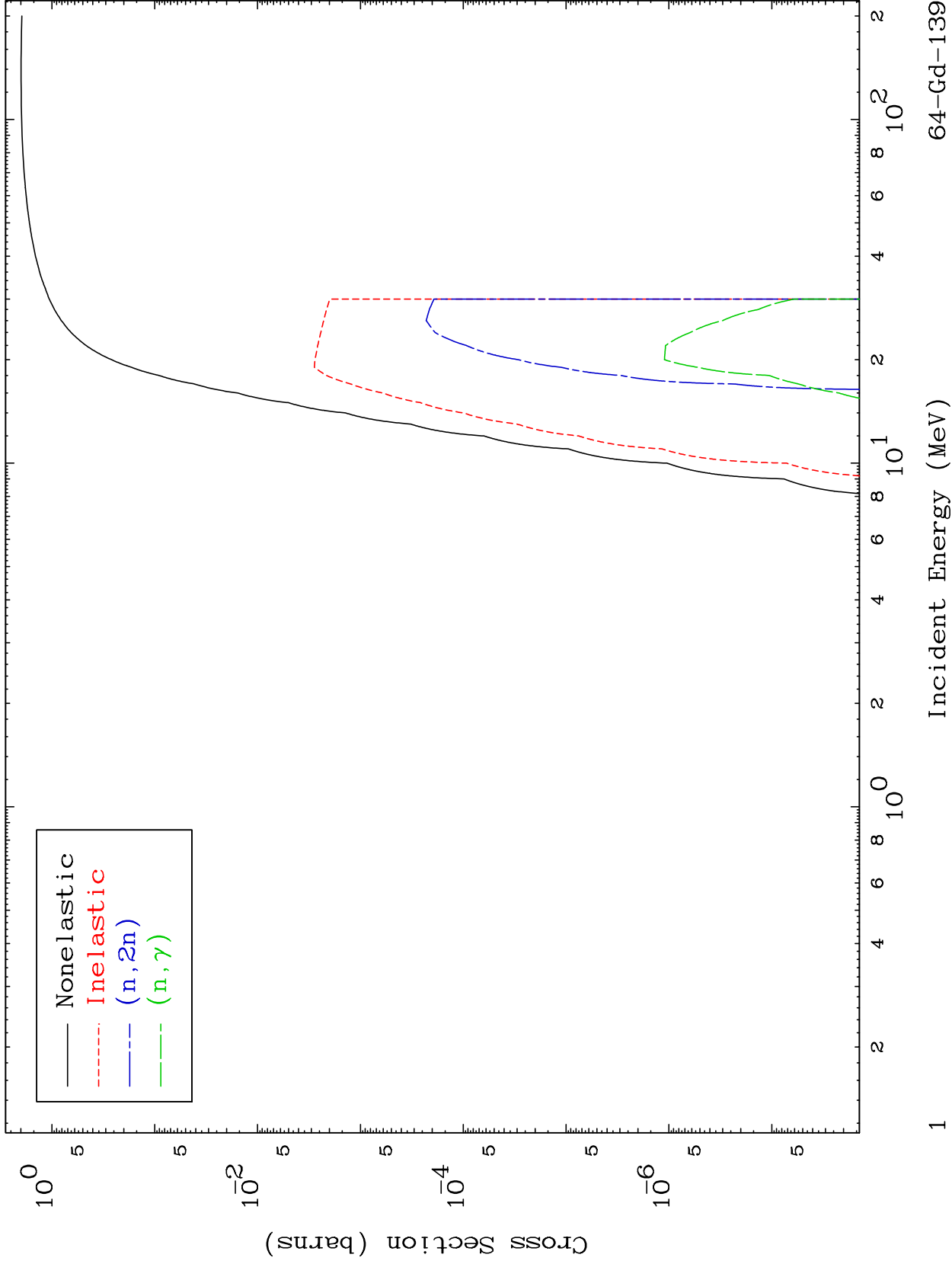
Press Mouse Button to Start

MAT 6386

He-3 Major

64-Gd-139

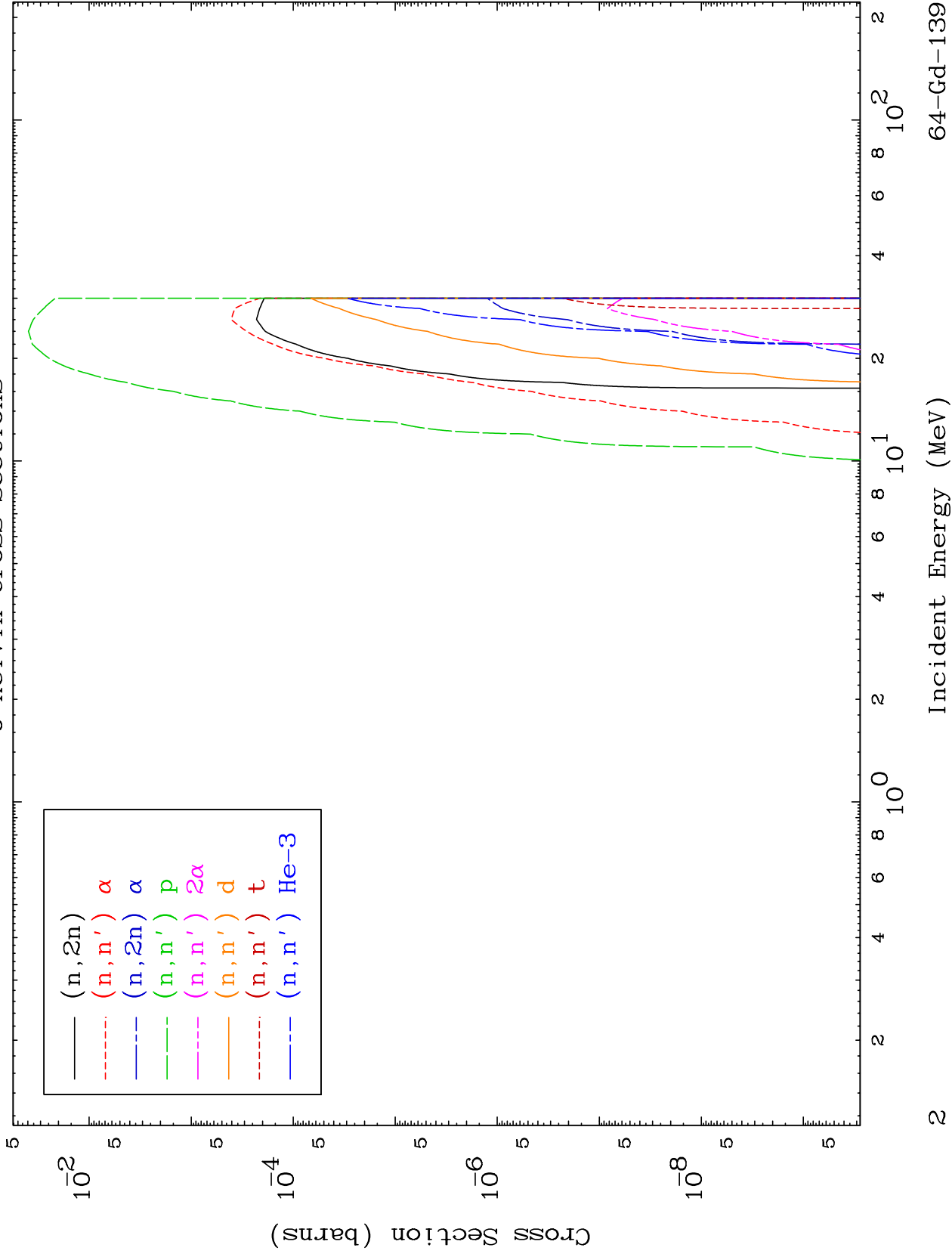
0 Kelvin Cross Sections

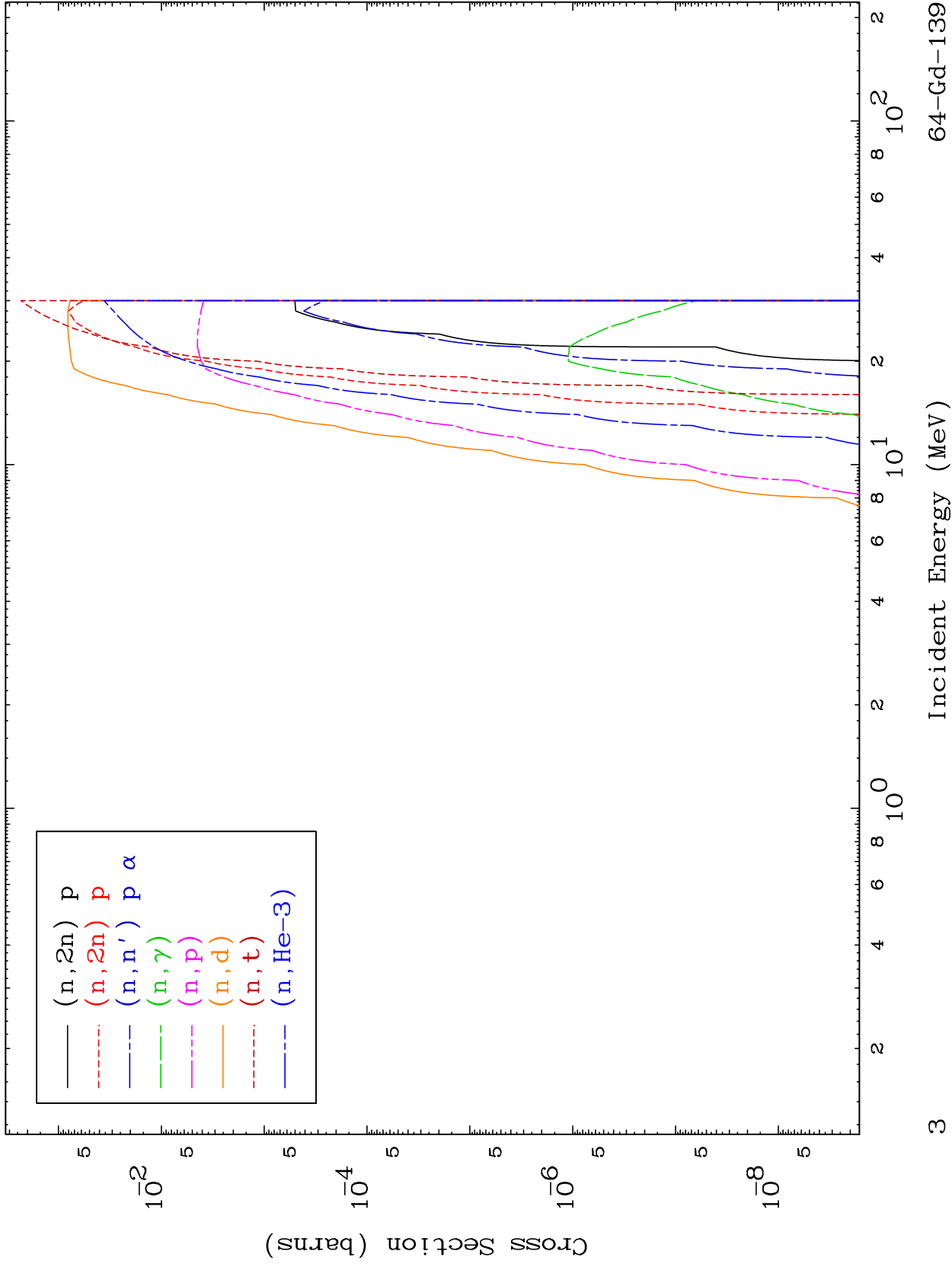


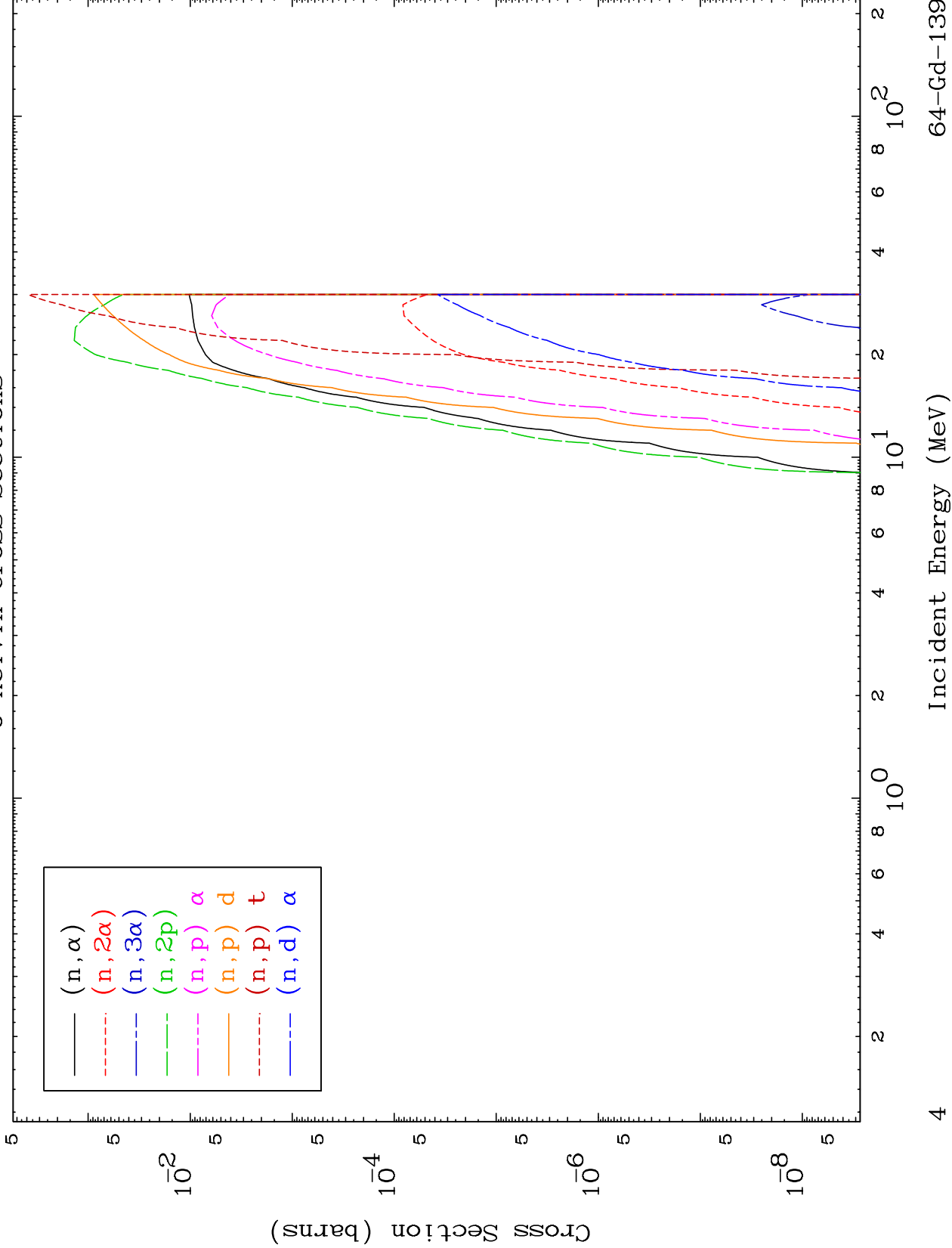
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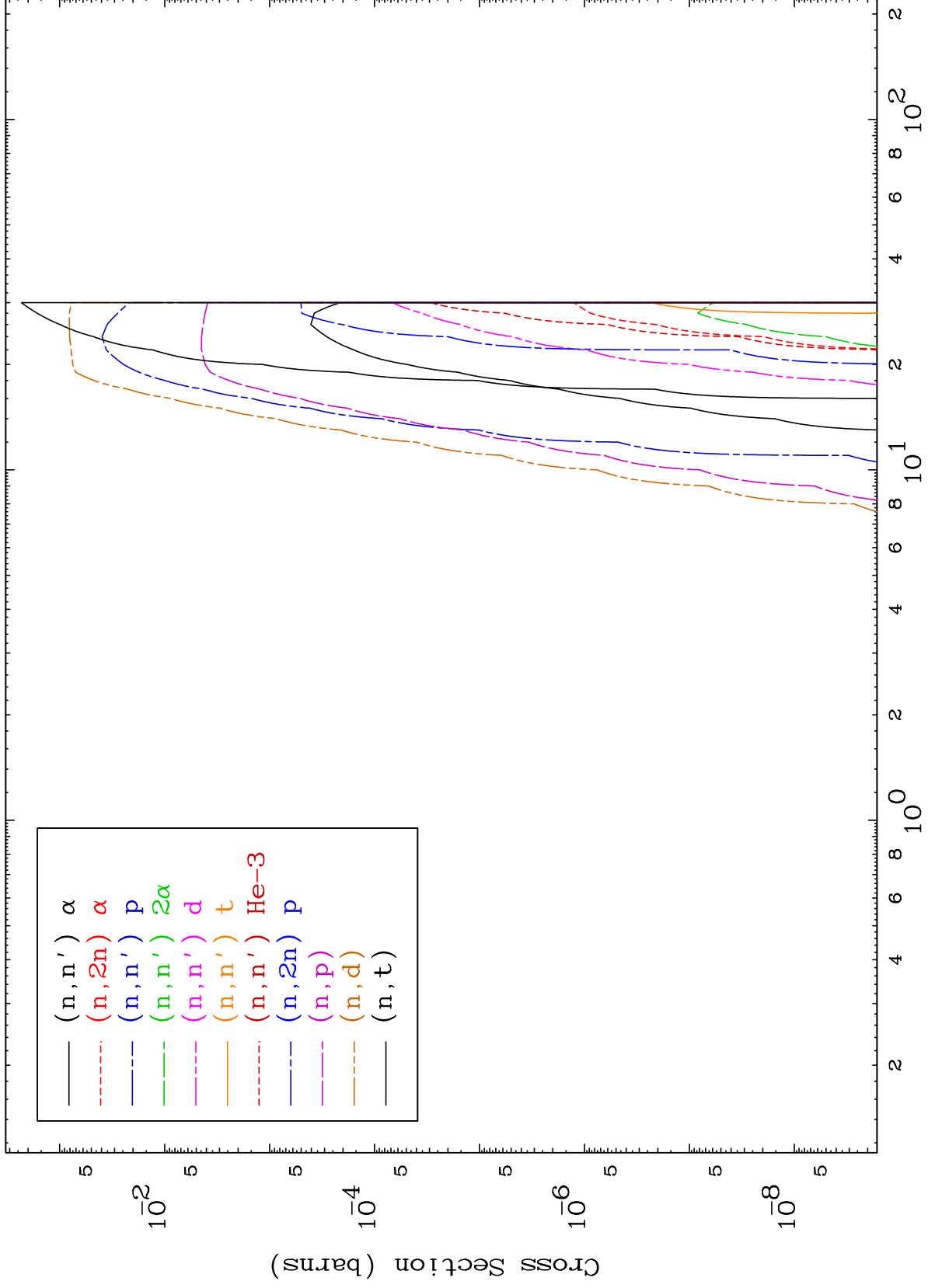
He-3 Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-139





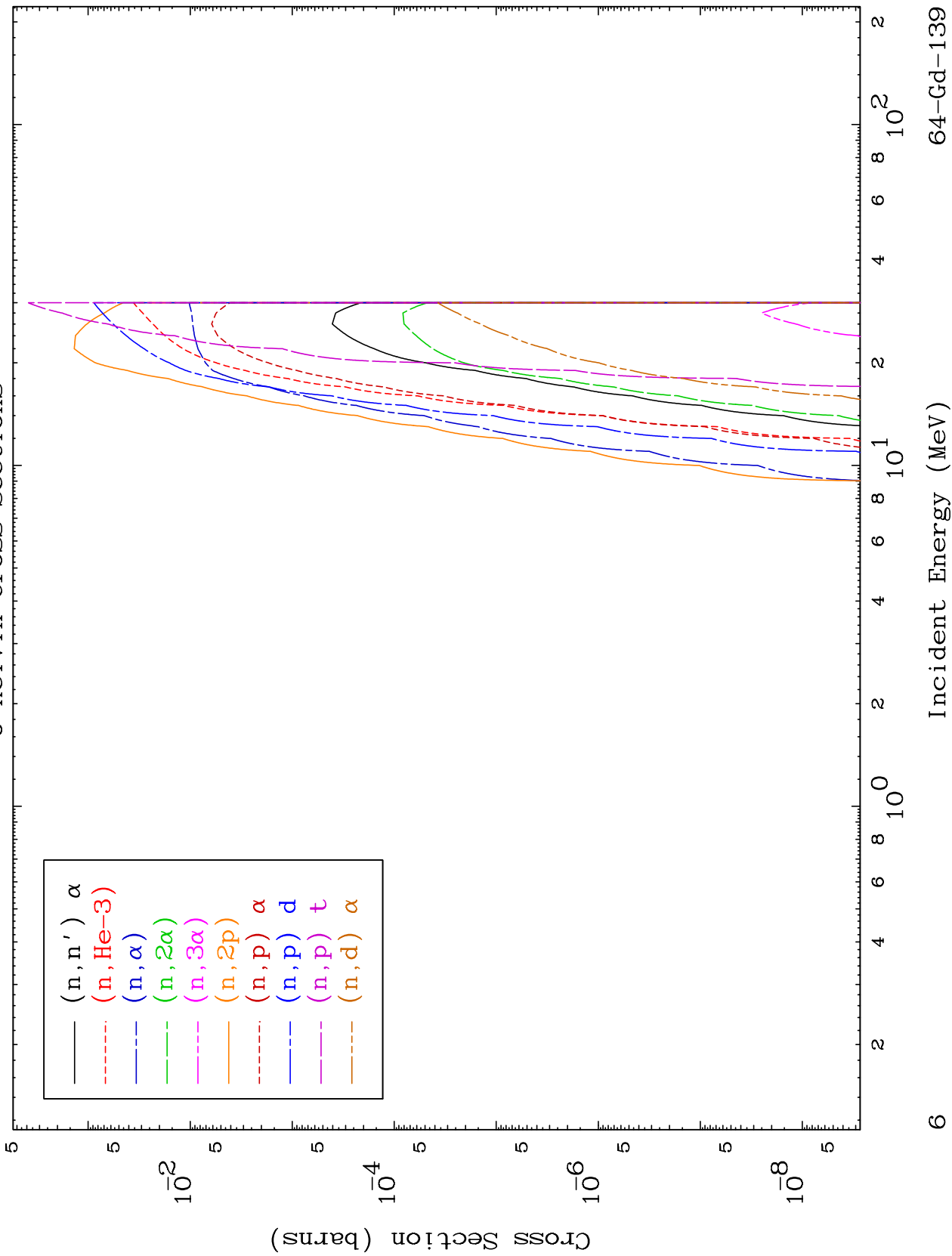




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He-3 Charged Particle  
0 Kelvin Cross Sections

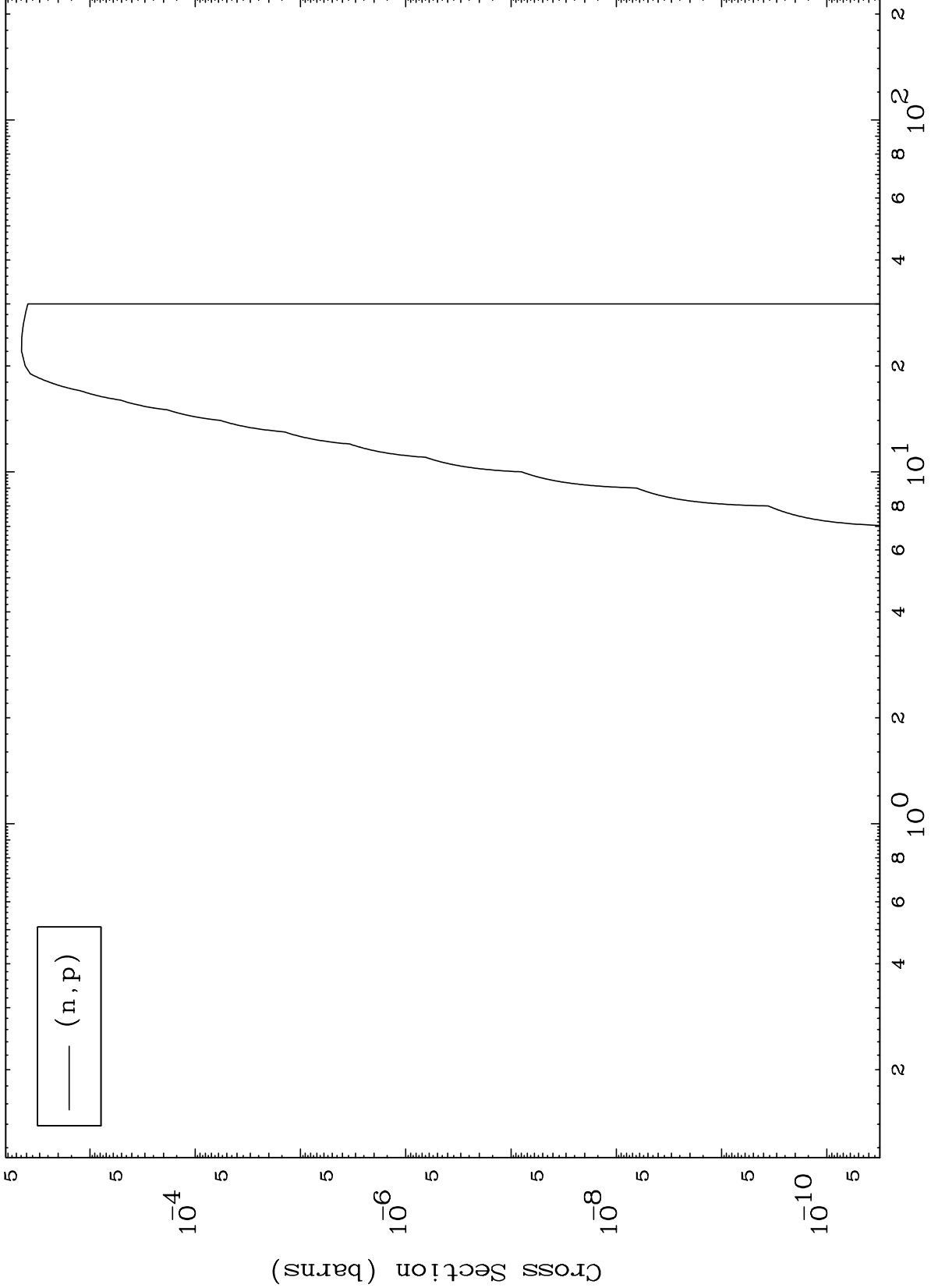
64-Gd-139



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

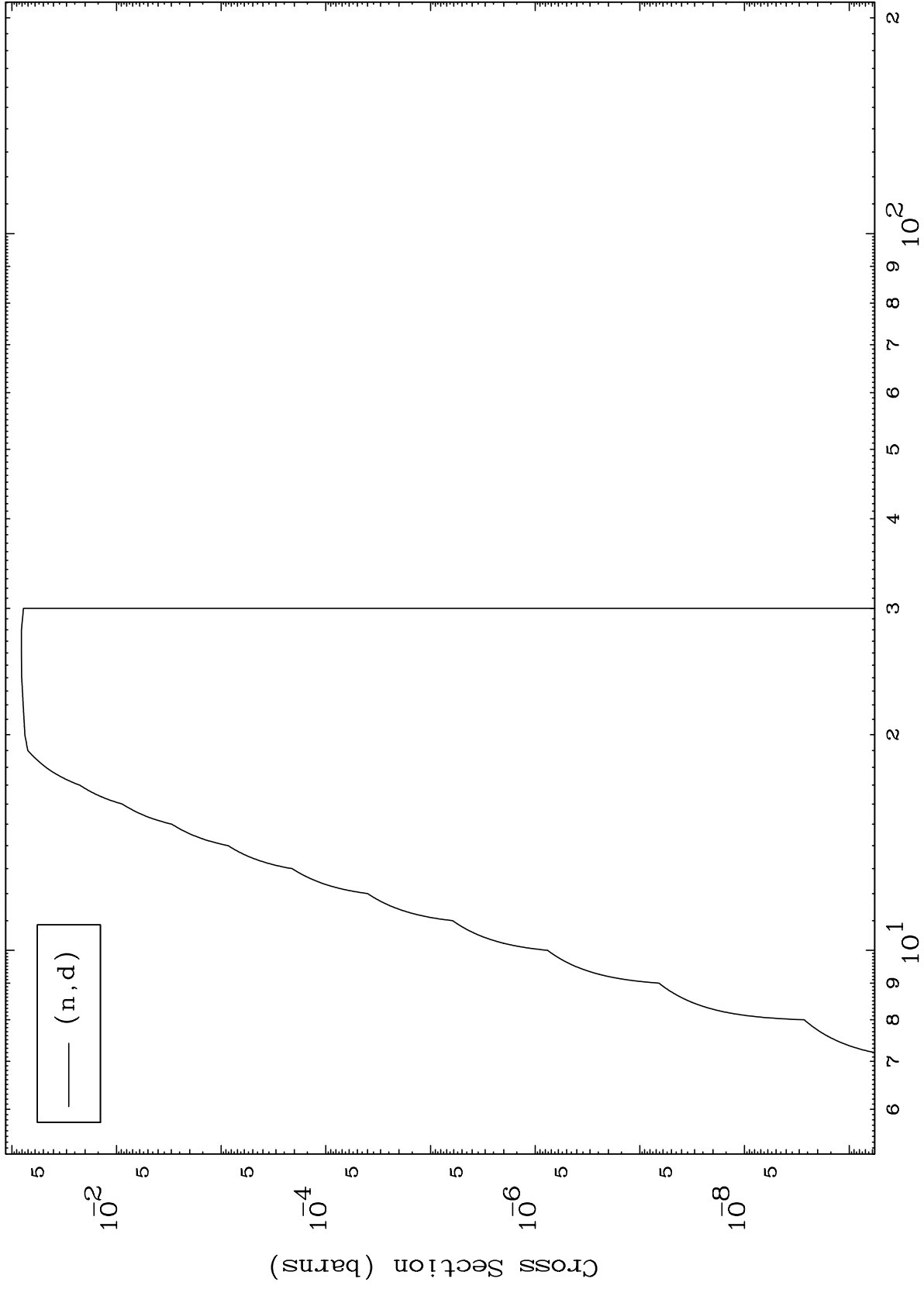
64-Gd-139



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

64-Gd-139



8

Incident Energy (MeV)

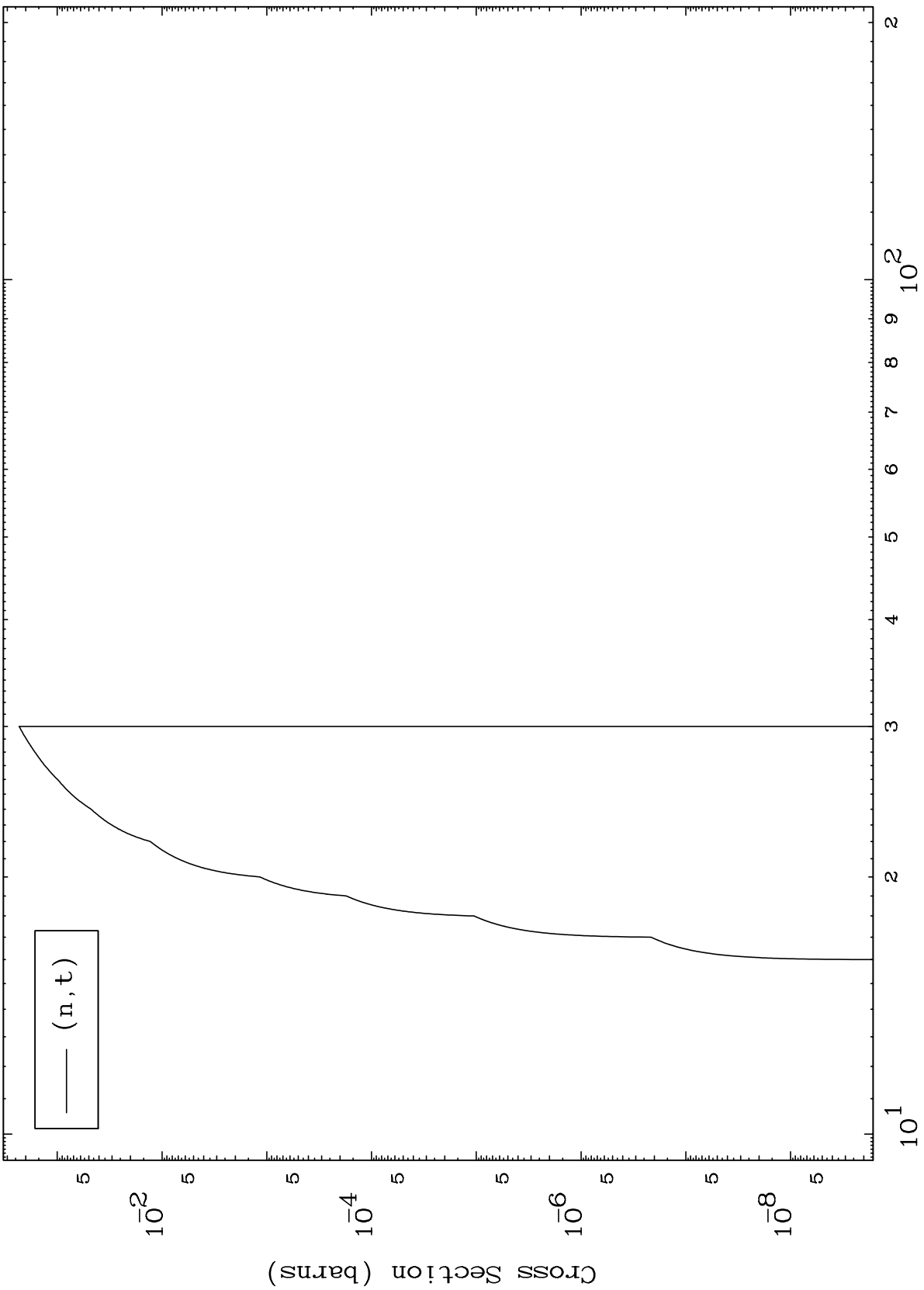
64-Gd-139

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(He-3,t) Levels

64-Gd-139

0 Kelvin Cross Sections



Incident Energy (MeV)

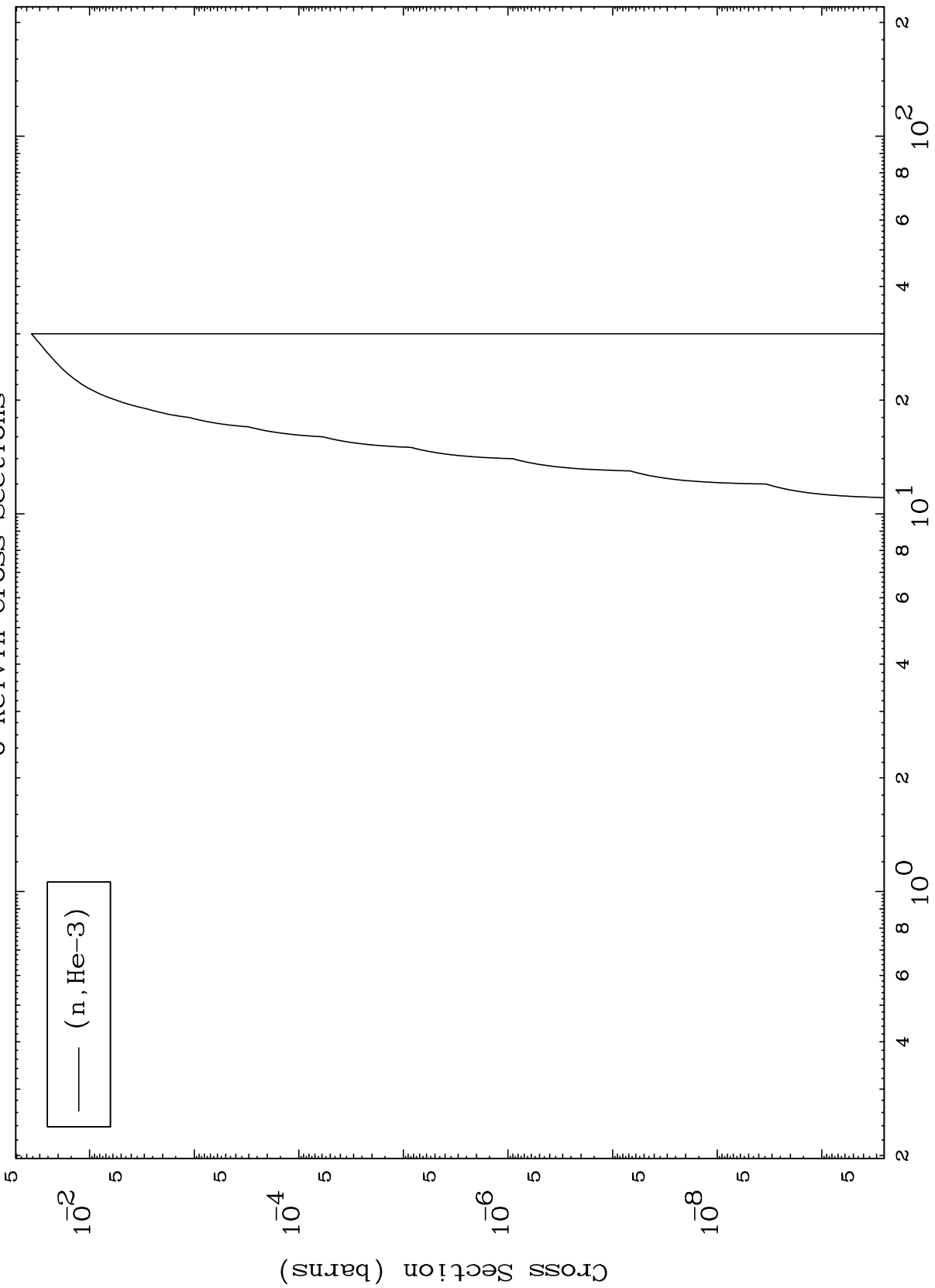
64-Gd-139

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(He-3, He3) Levels

64-Gd-139

0 Kelvin Cross Sections



10

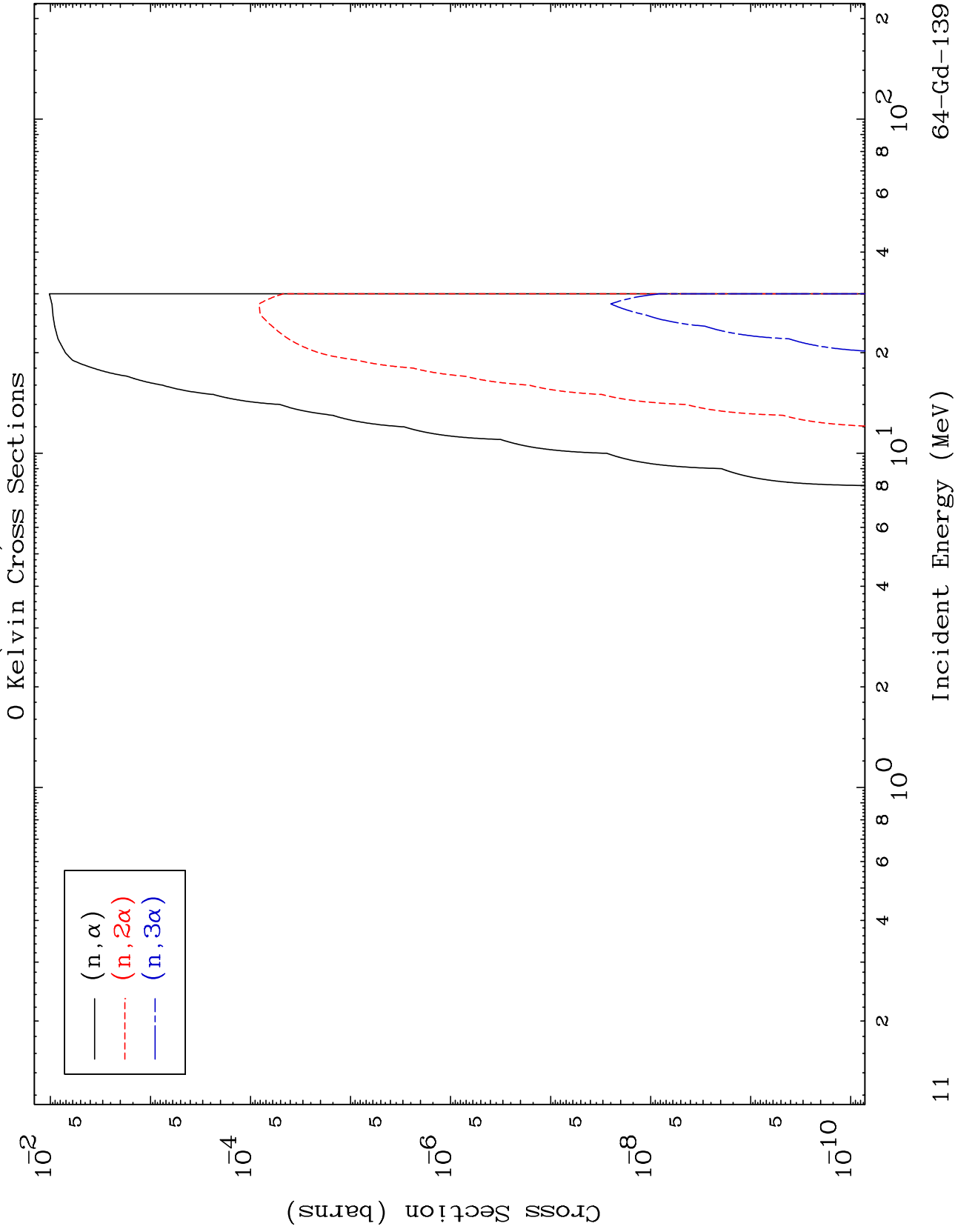
Incident Energy (MeV)

64-Gd-139

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(He-3,  $\alpha$ ) Levels

64-Gd-139

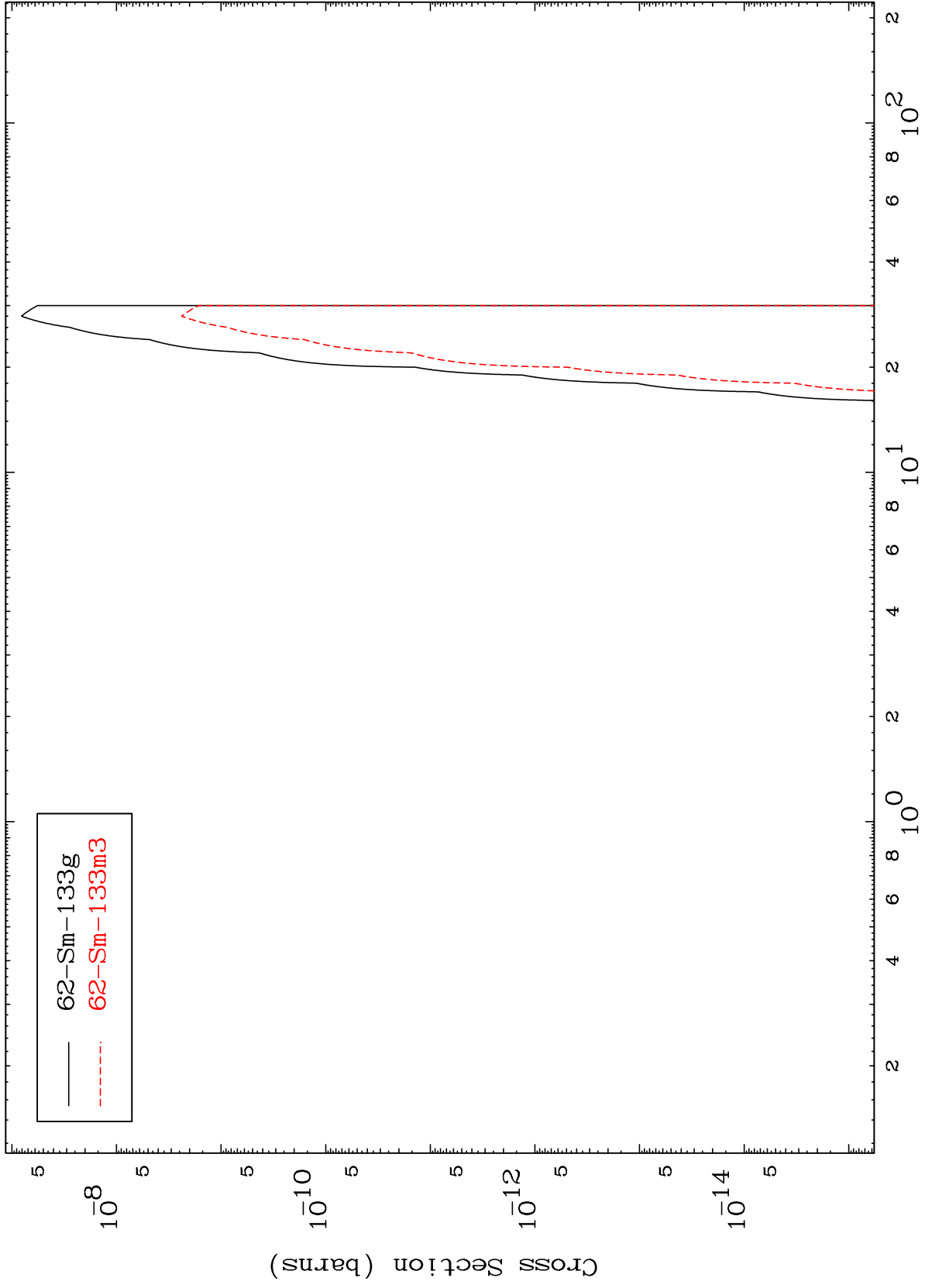


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(n,n') 2α

64-Gd-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

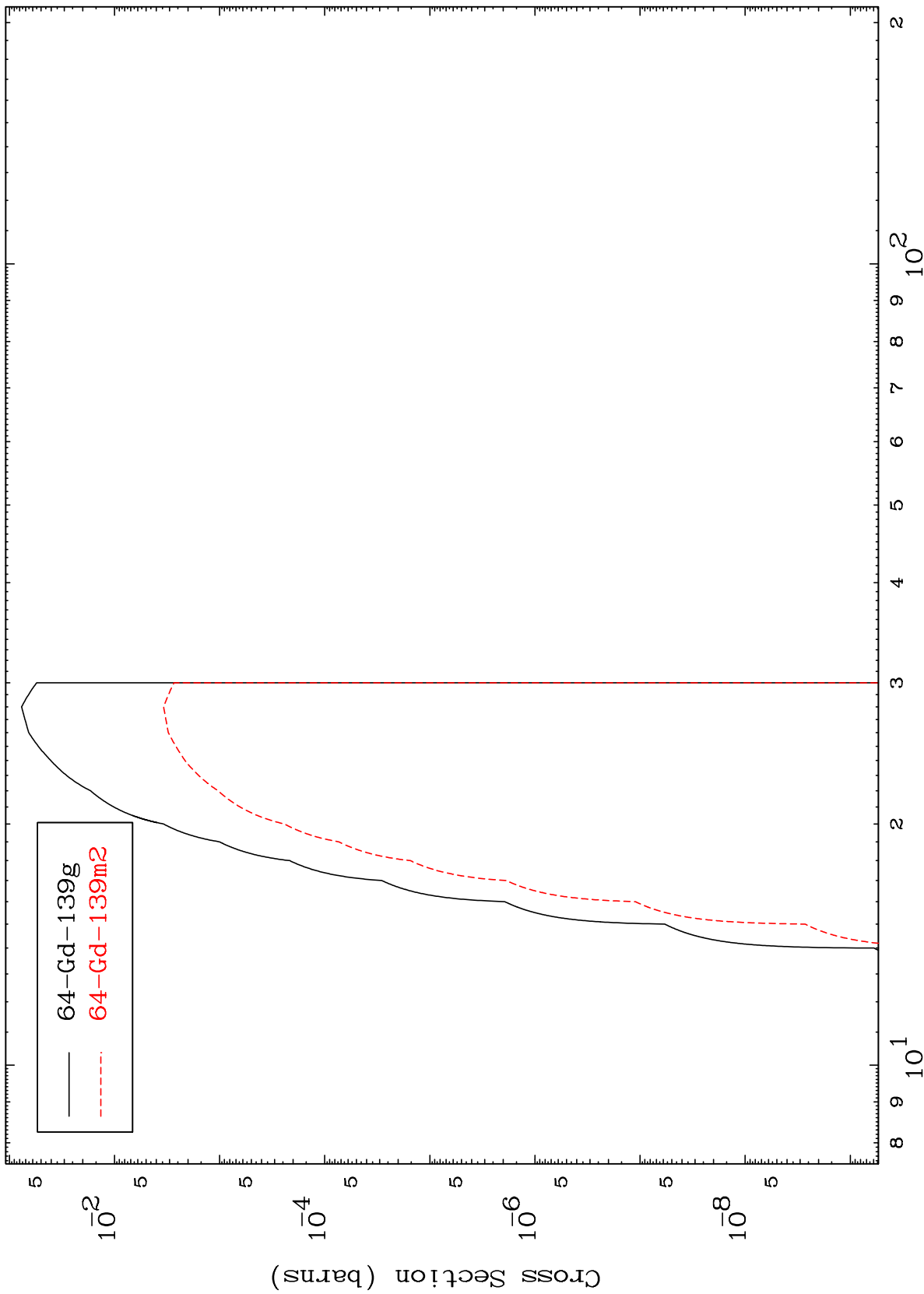
64-Gd-139

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(n,2n) p

64-Gd-139

Radionuclide Production Cross Section



64-Gd-139g  
64-Gd-139m2

Incident Energy (MeV)

64-Gd-139

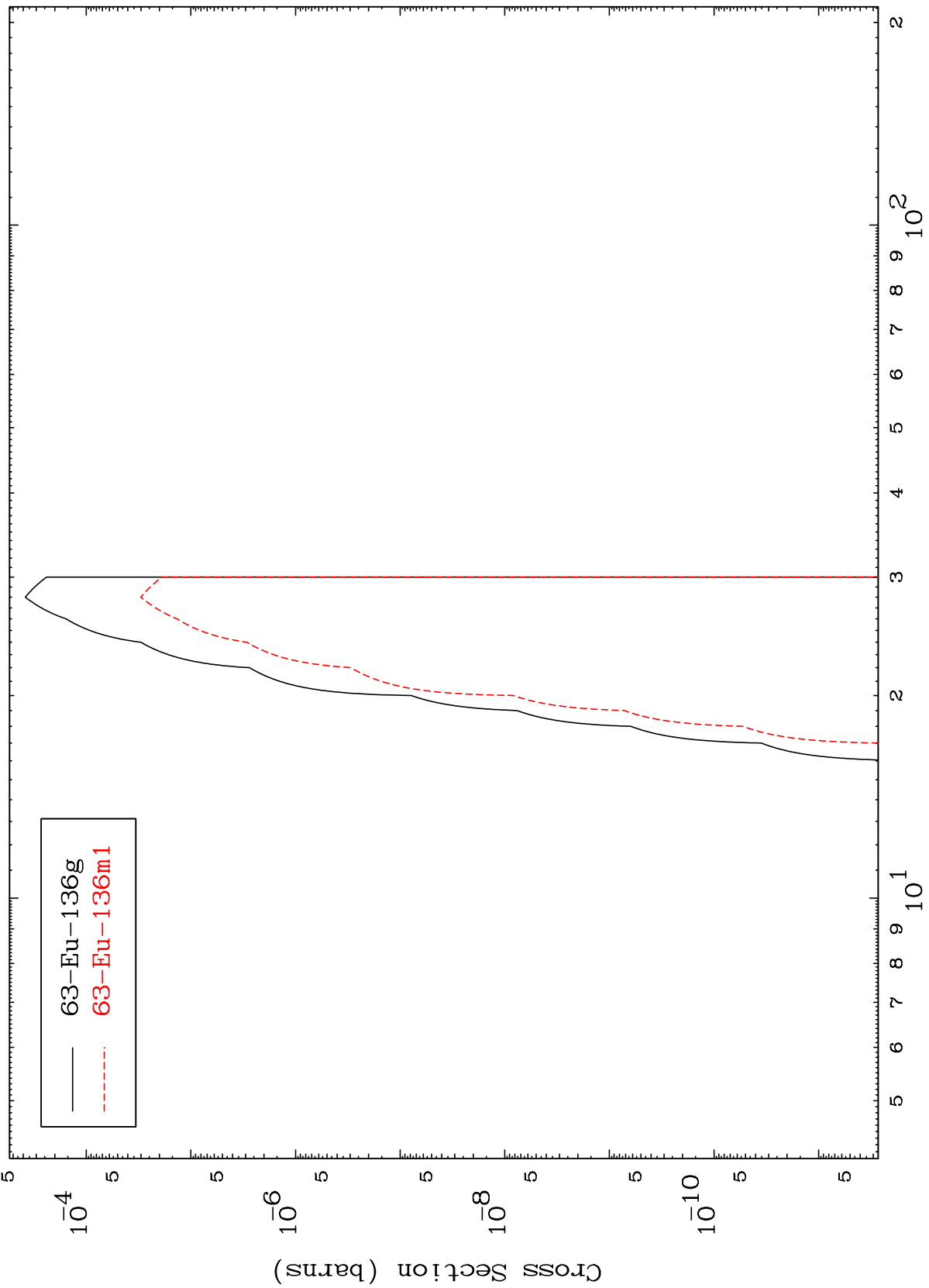
13

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(n,n') p  $\alpha$

64-Gd-139

Radionuclide Production Cross Section



63-Eu-136g  
63-Eu-136m1

14

Incident Energy (MeV)

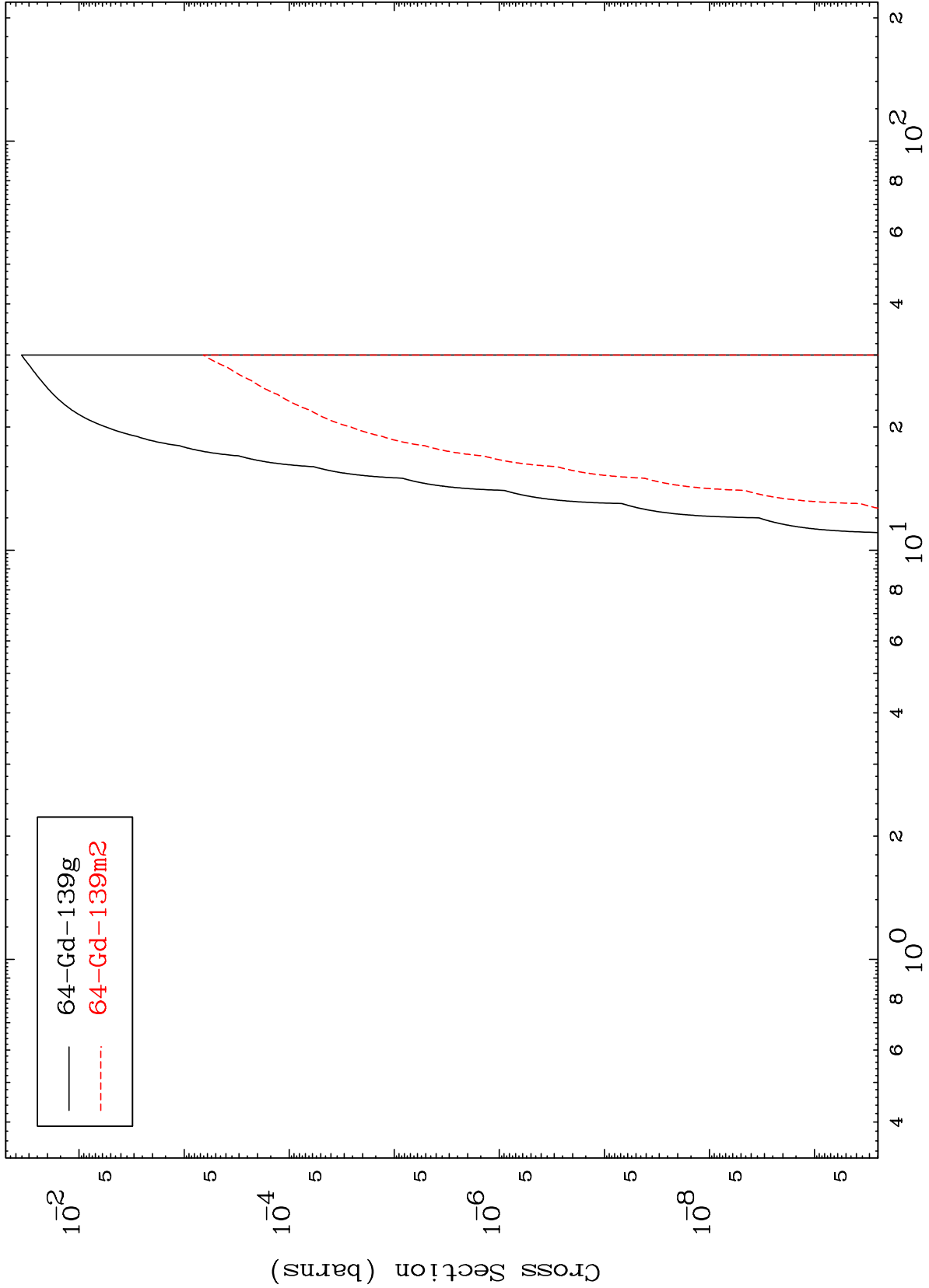
64-Gd-139

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(n,He-3)

64-Gd-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

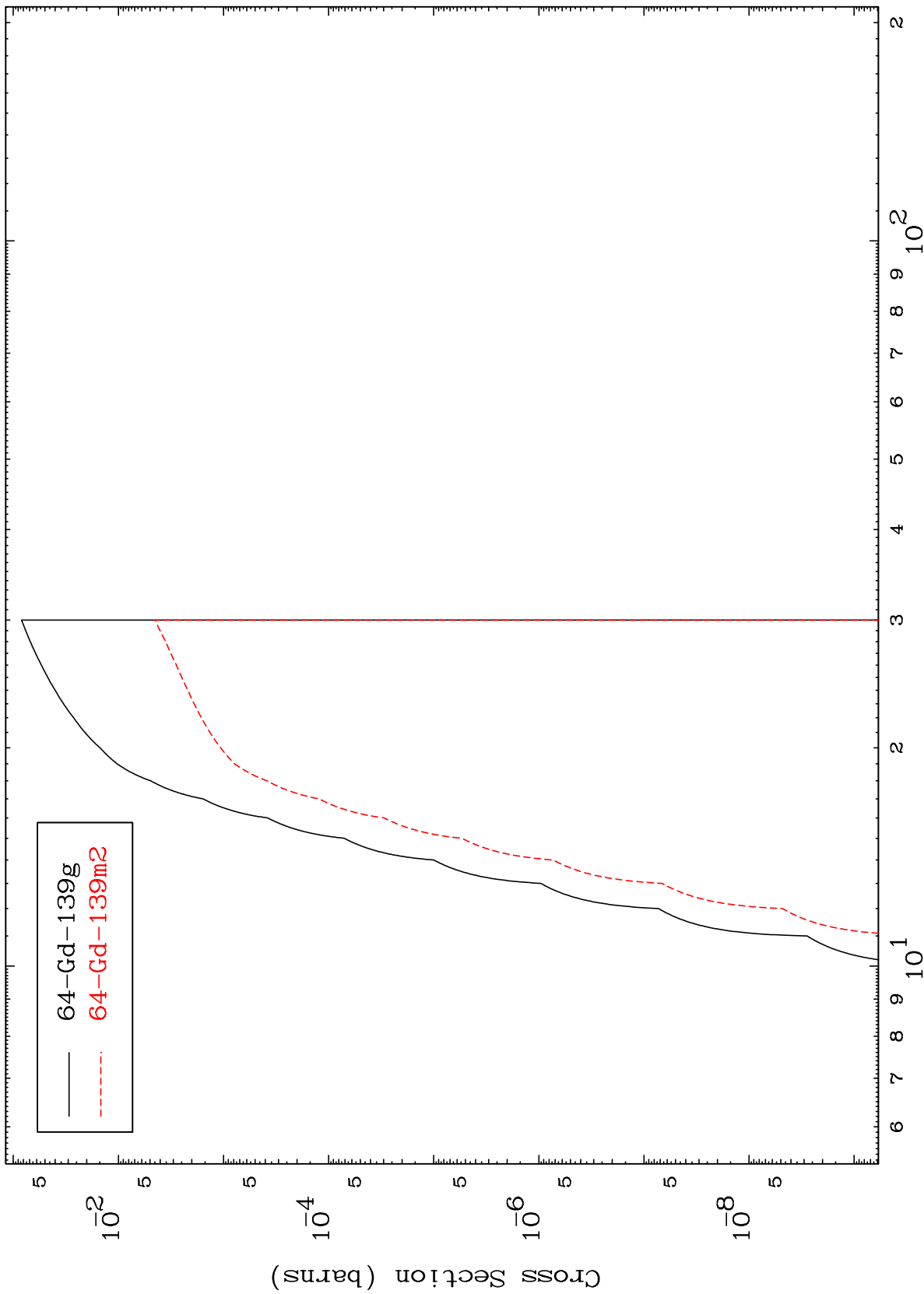
64-Gd-139

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(n,p) d

64-Gd-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

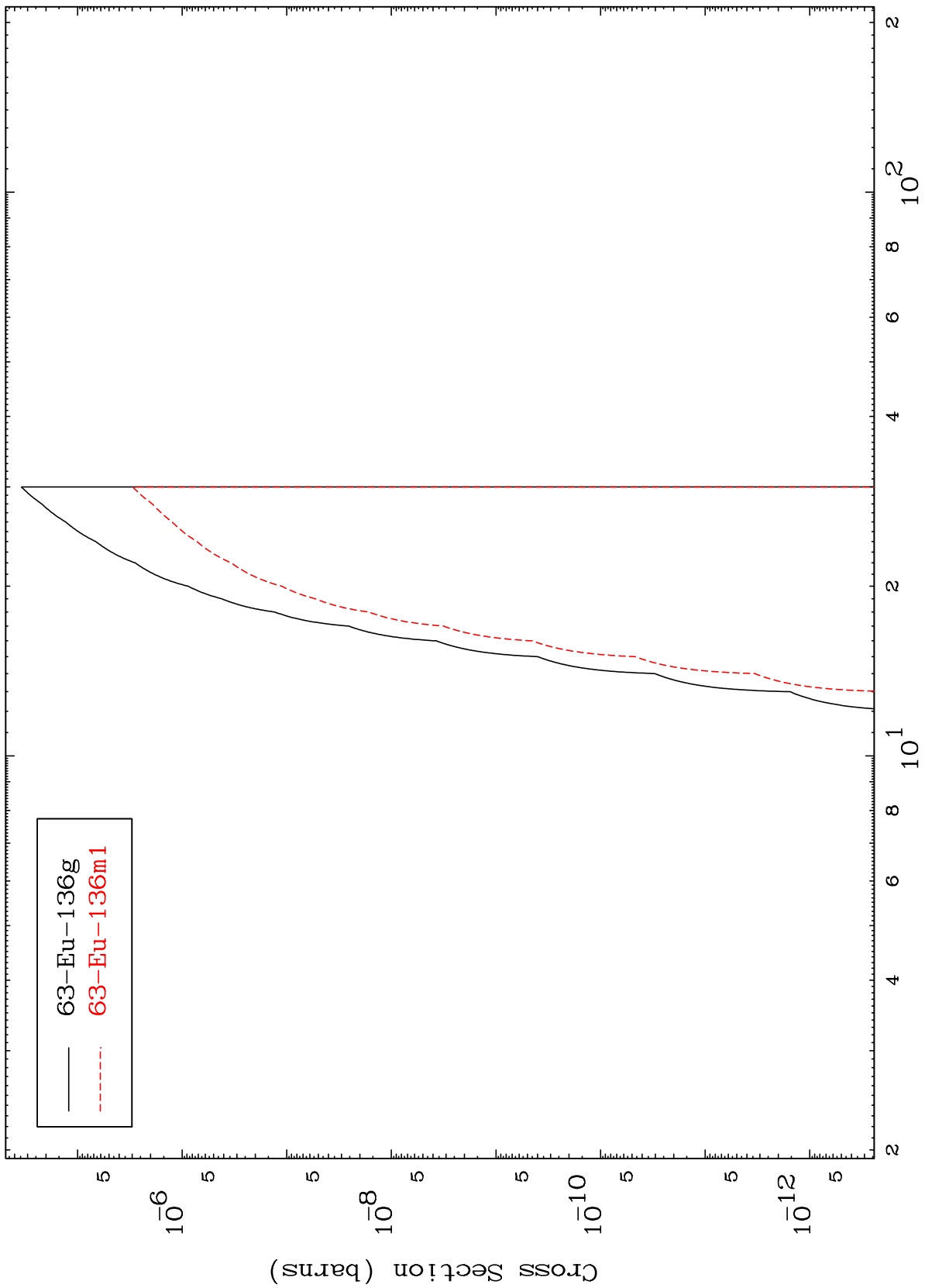
64-Gd-139

MAT 6386

(n,d)  $\alpha$

64-Gd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-139