

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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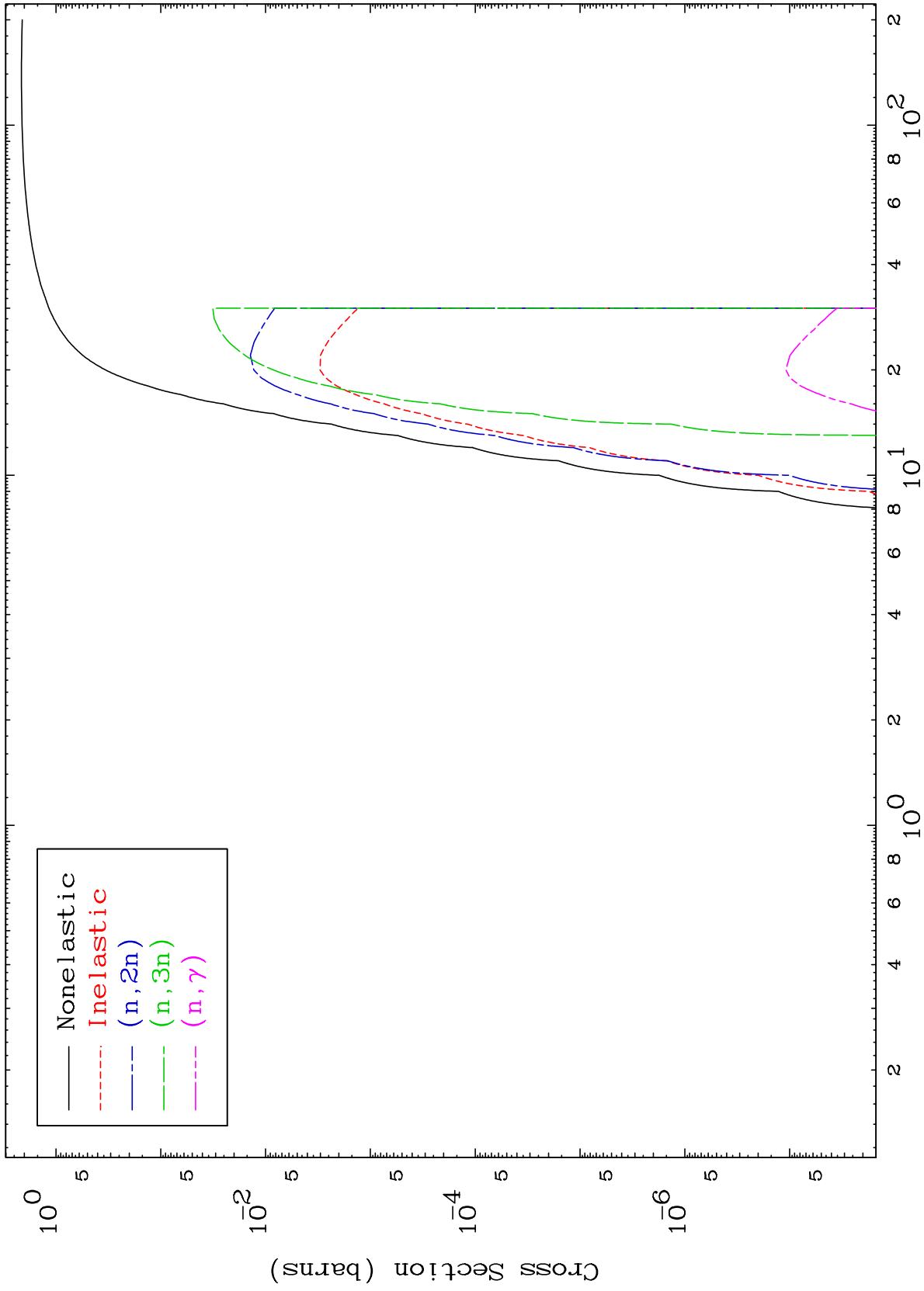
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6431

He-3 Major  
0 Kelvin Cross Sections

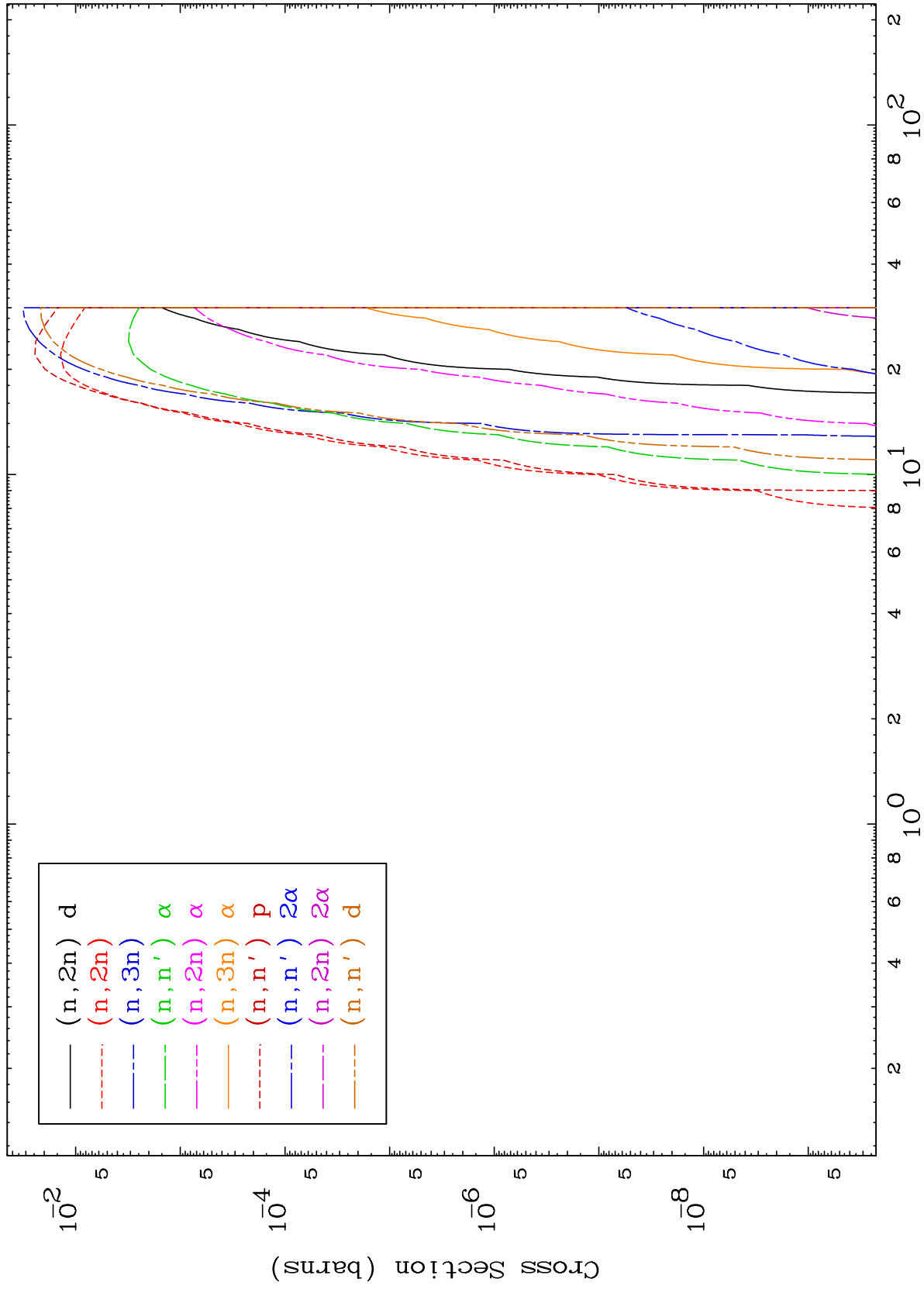
64-Gd-154



MAT 6431

He-3 Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-154



2

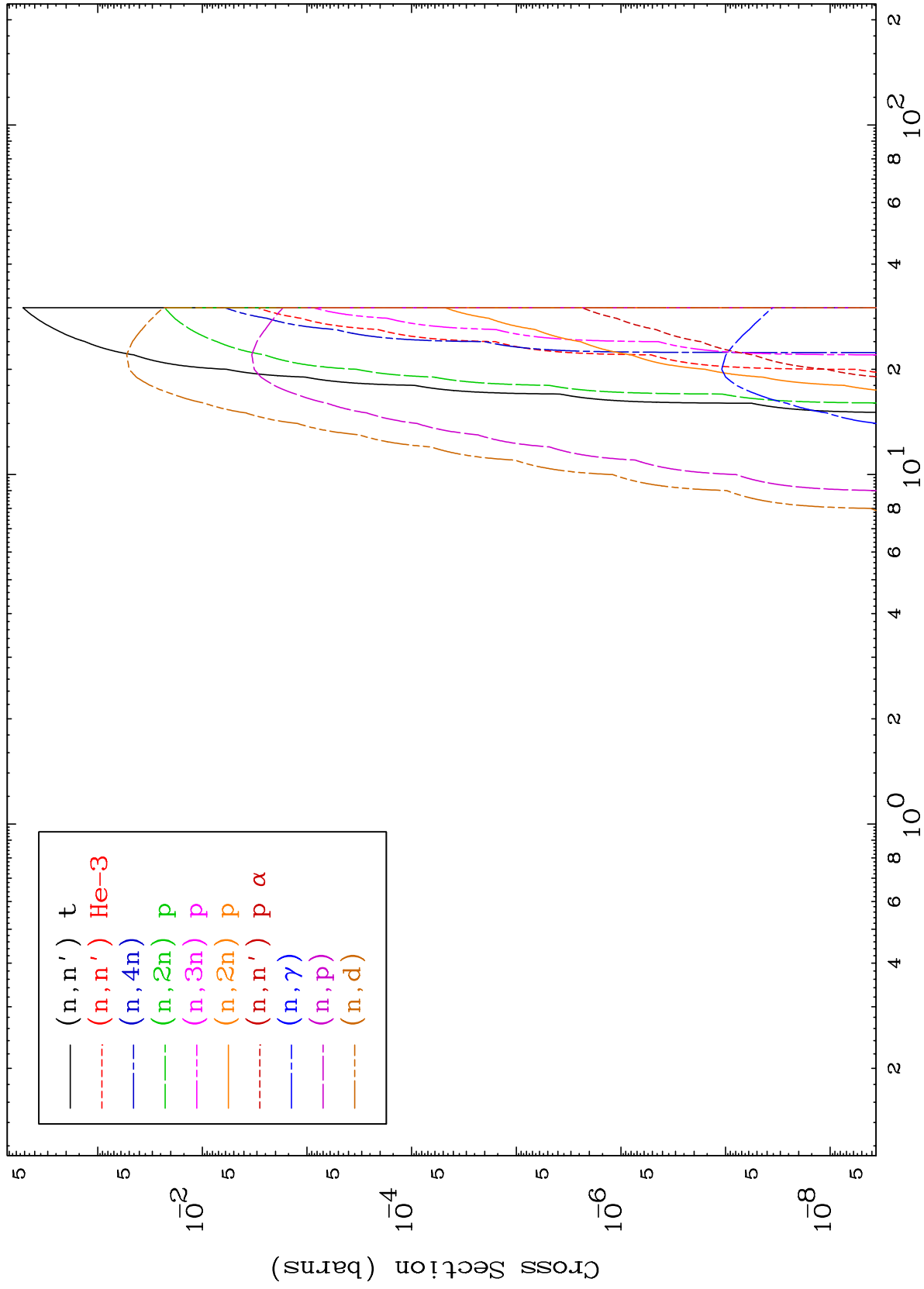
Incident Energy (MeV)

64-Gd-154

MAT 6431

He-3 Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-154



3

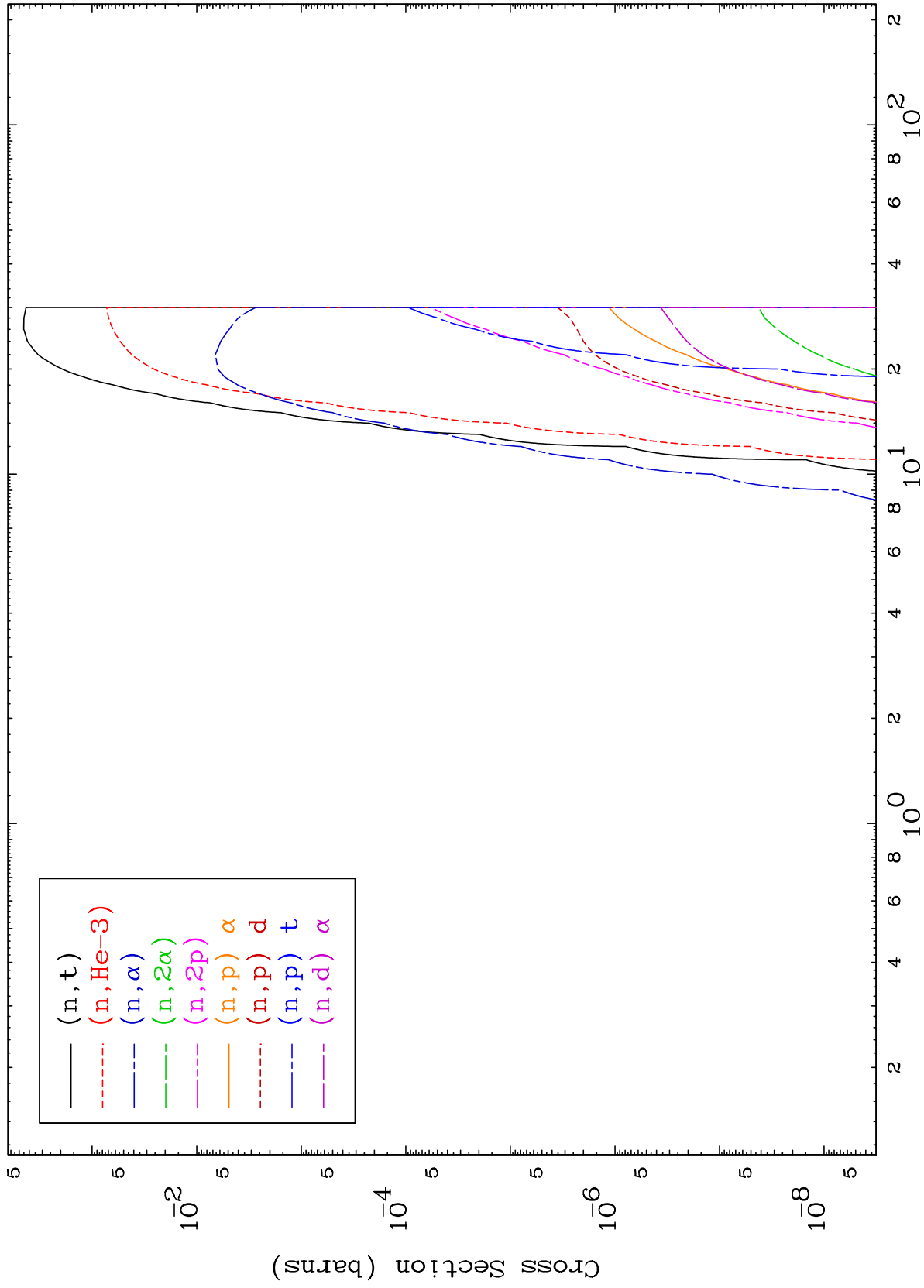
Incident Energy (MeV)

64-Gd-154

MAT 6431

He-3 Neutron Absorption  
0 Kelvin Cross Sections

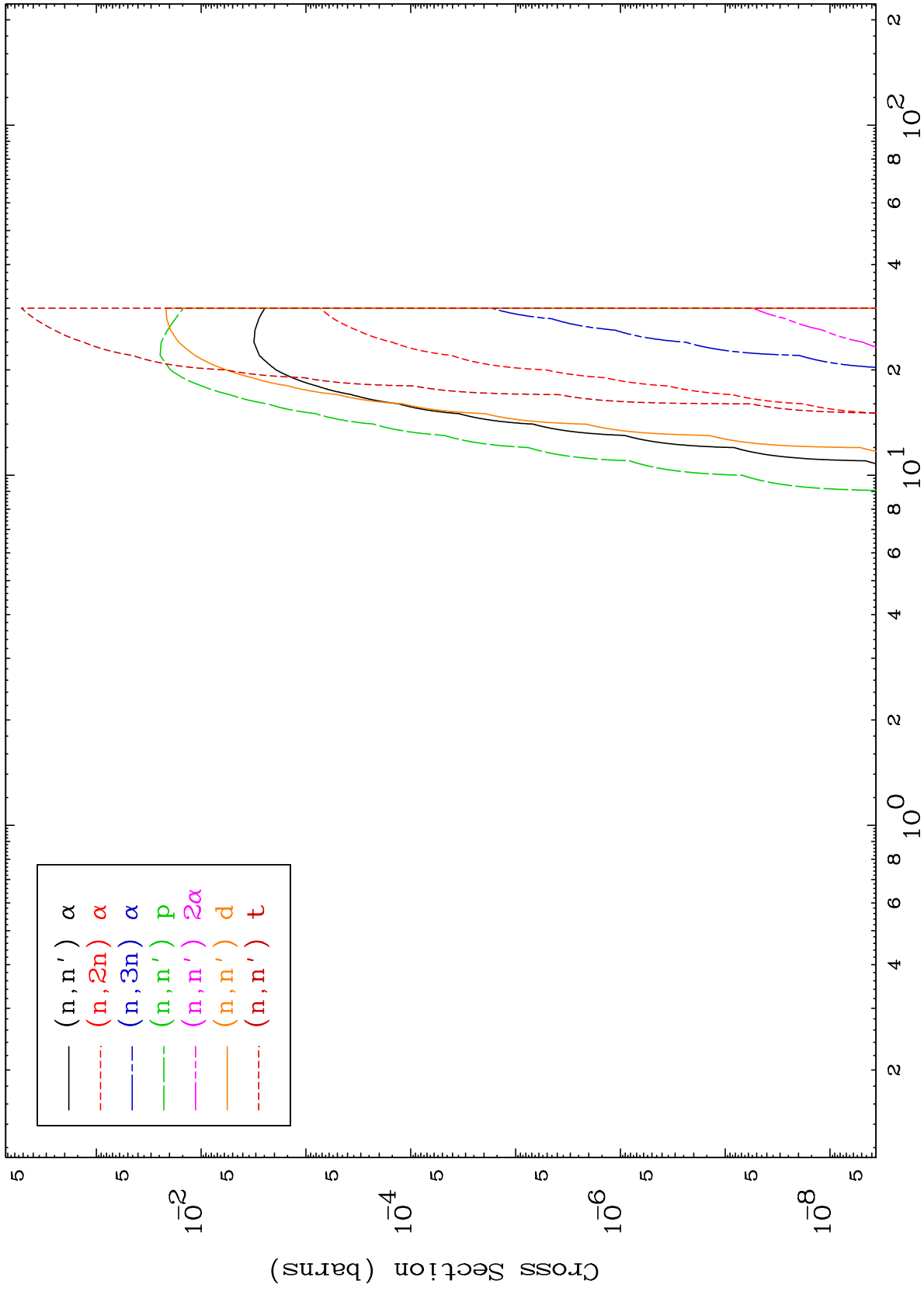
64-Gd-154



MAT 6431

He-3 Charged Particle  
0 Kelvin Cross Sections

64-Gd-154



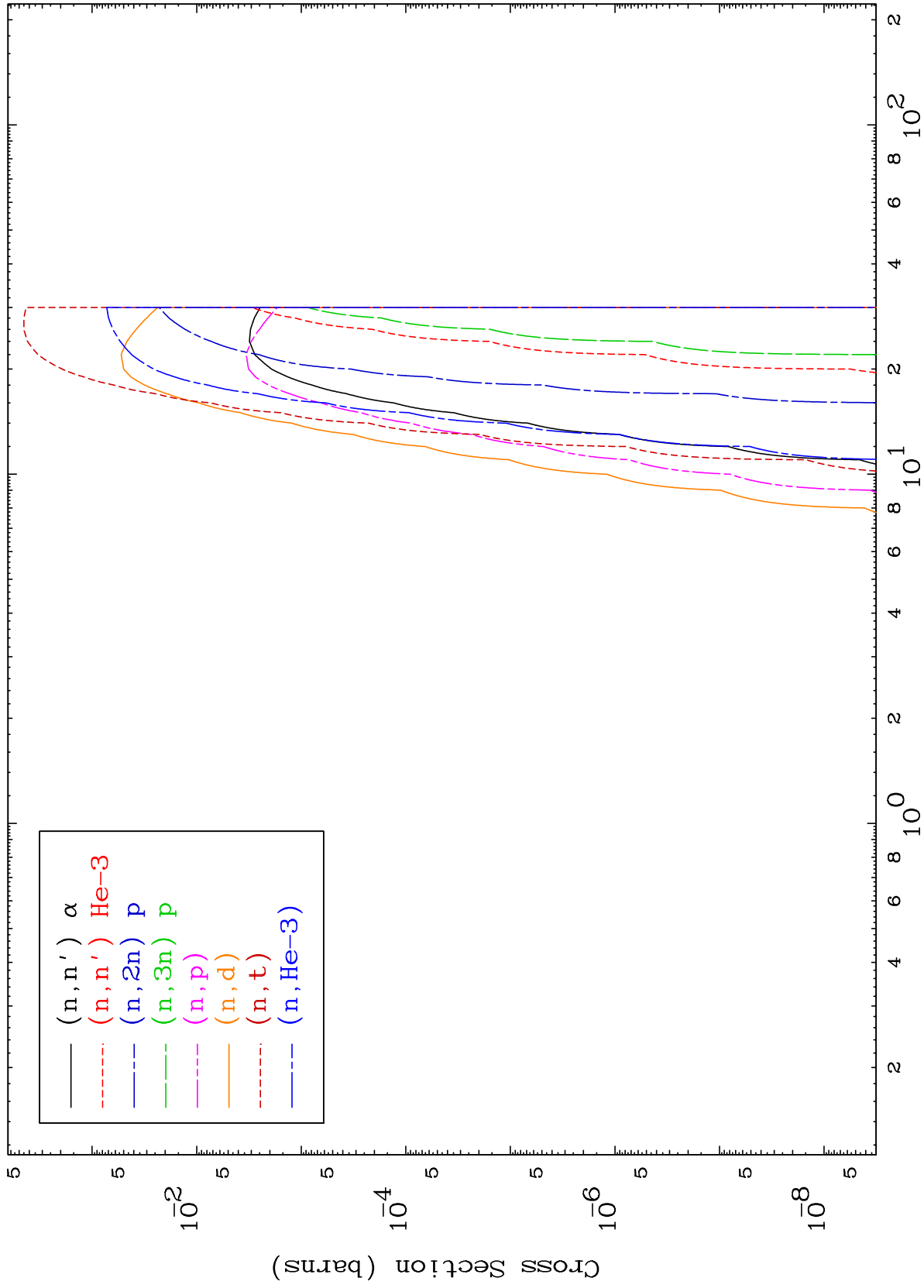
5

64-Gd-154

MAT 6431

He-3 Charged Particle  
0 Kelvin Cross Sections

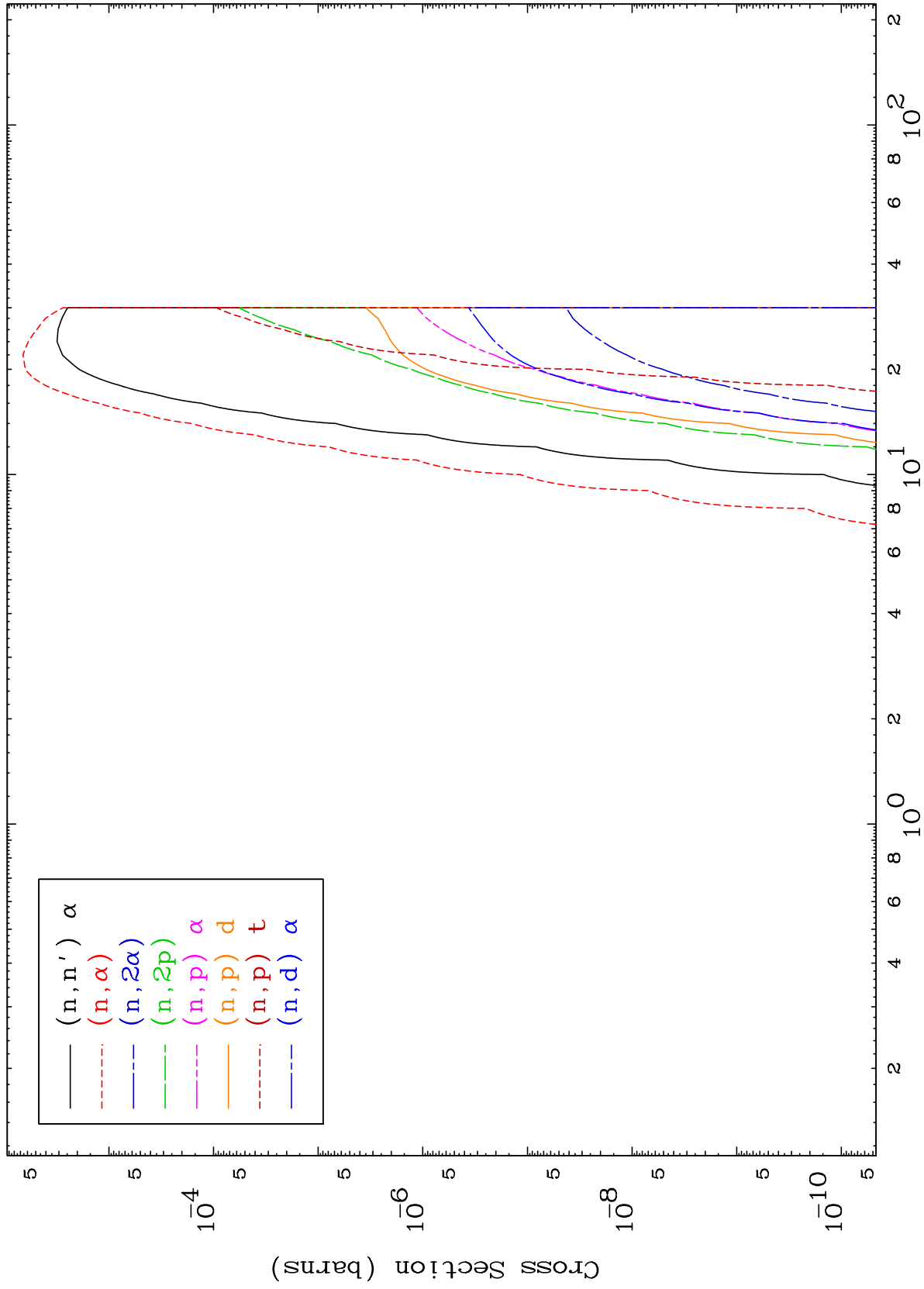
64-Gd-154



MAT 6431

He-3 Charged Particle  
0 Kelvin Cross Sections

64-Gd-154



7

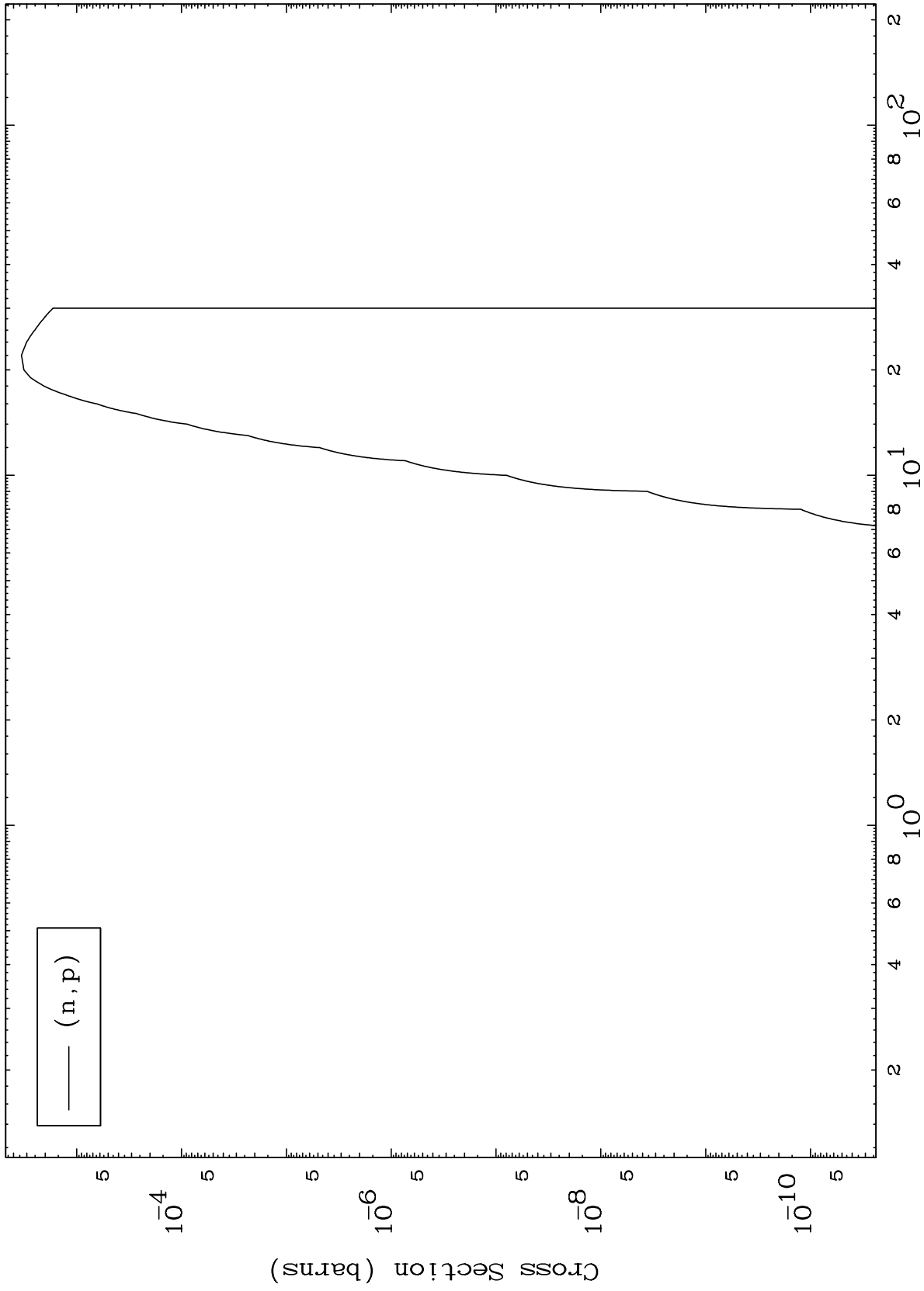
Incident Energy (MeV)

64-Gd-154

MAT 6431

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

64-Gd-154



8

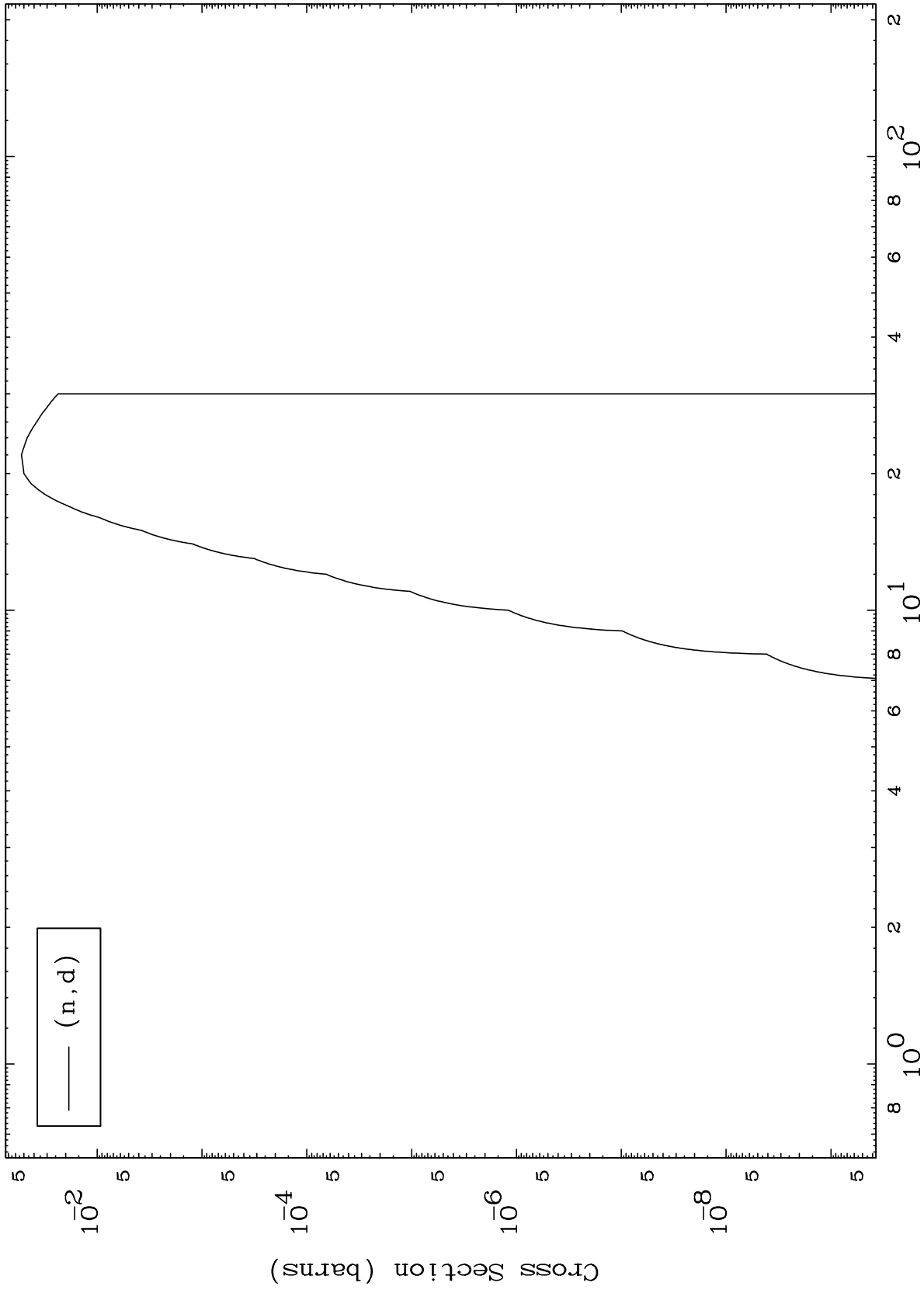
Incident Energy (MeV)

64-Gd-154

MAT 6431

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

64-Gd-154



9

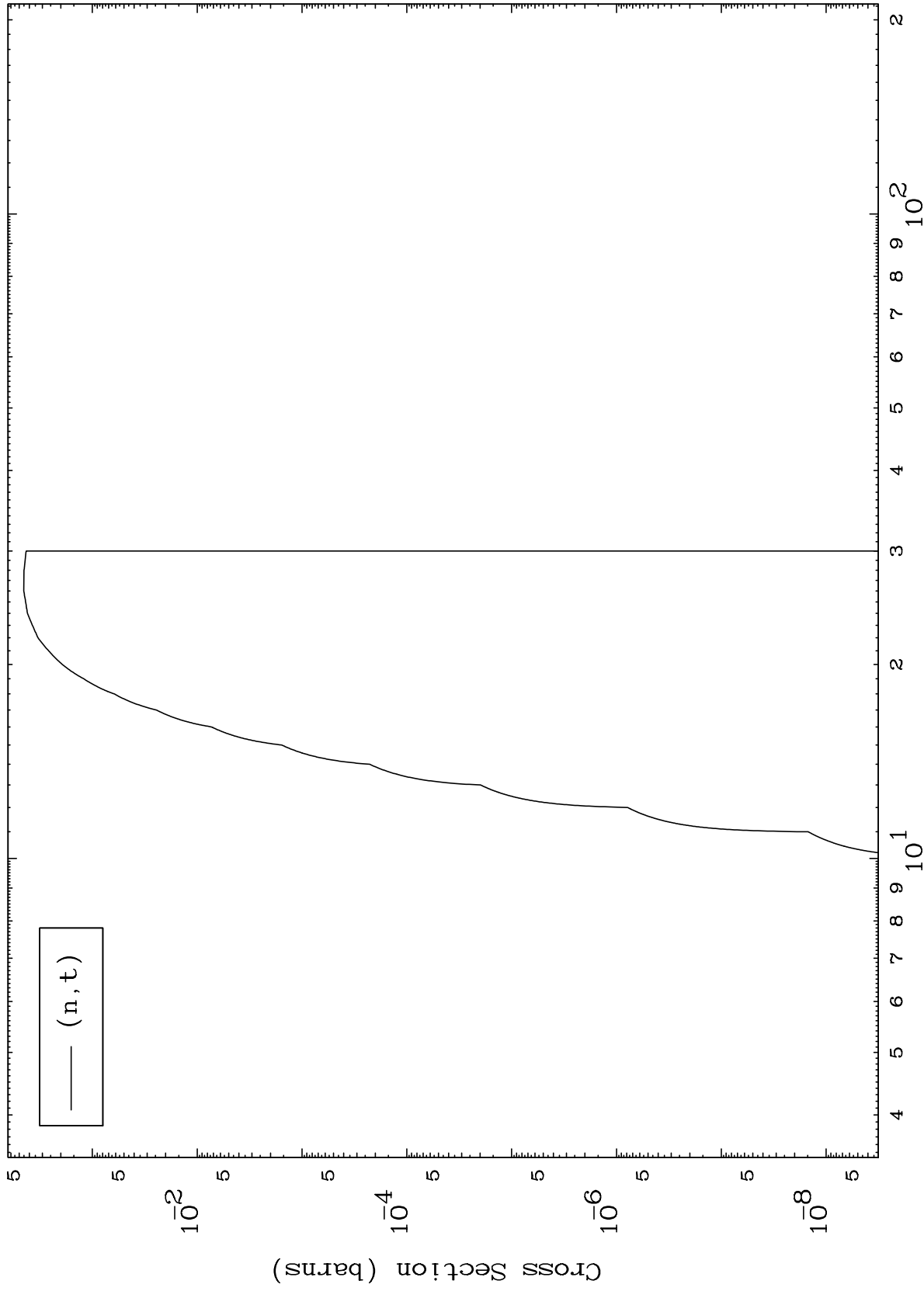
Incident Energy (MeV)

64-Gd-154

MAT 6431

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

64-Gd-154



10

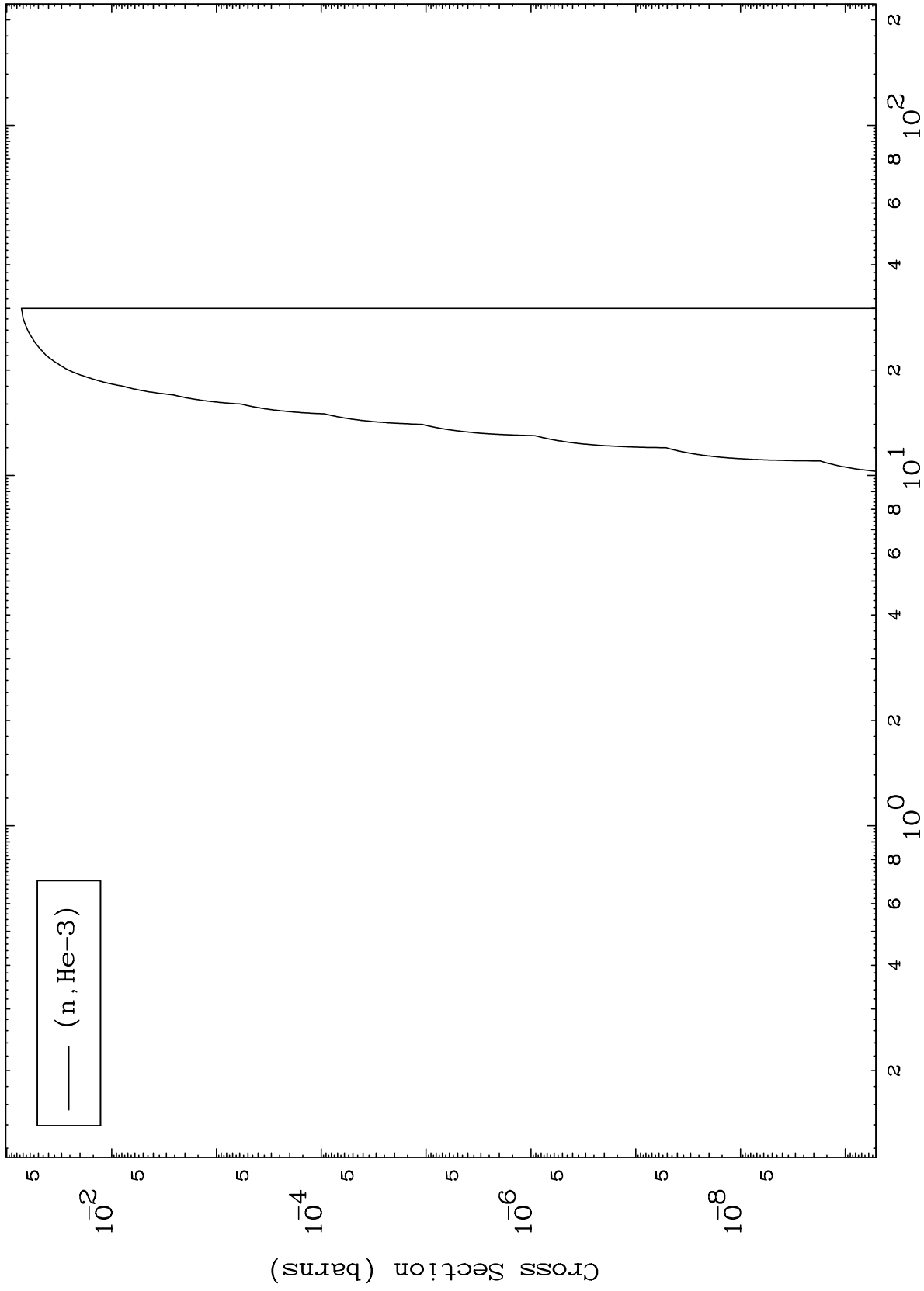
Incident Energy (MeV)

64-Gd-154

MAT 6431

(He-3, He3) Levels  
0 Kelvin Cross Sections

64-Gd-154



11

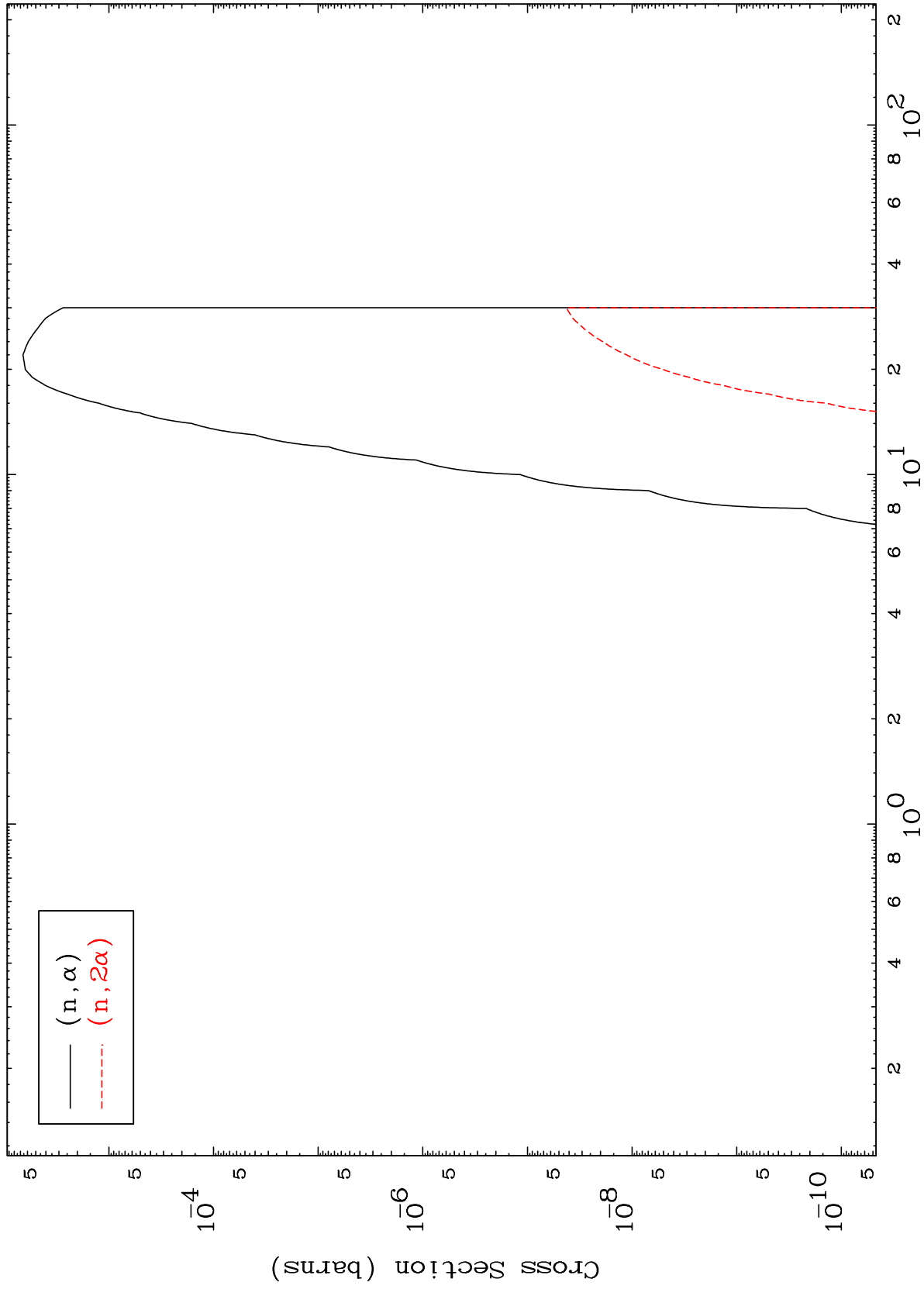
Incident Energy (MeV)

64-Gd-154

MAT 6431

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

64-Gd-154



12

Incident Energy (MeV)

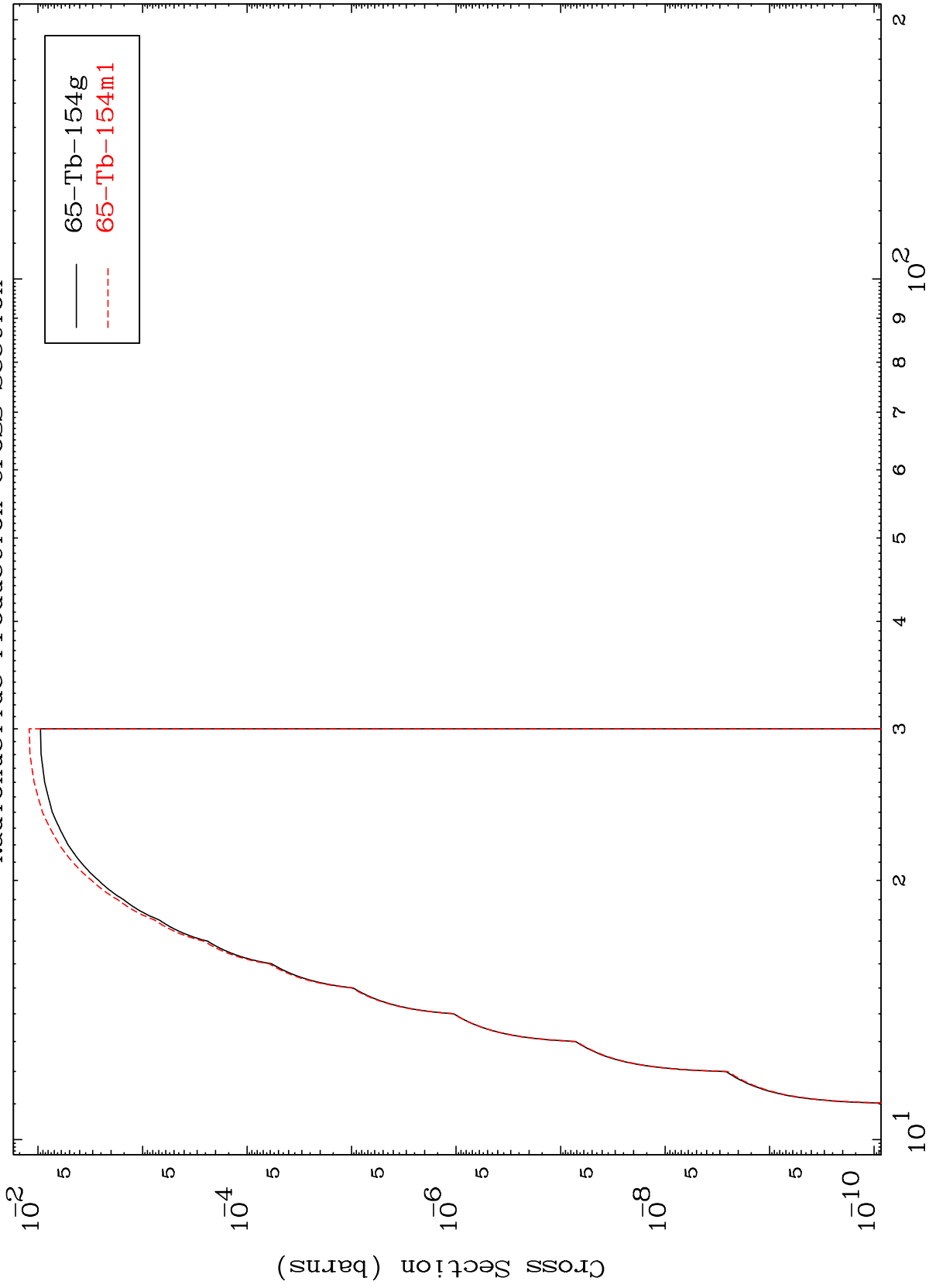
64-Gd-154

MAT 6431

(n,n') d

64-Gd-154

Radionuclide Production Cross Section



13

Incident Energy (MeV)

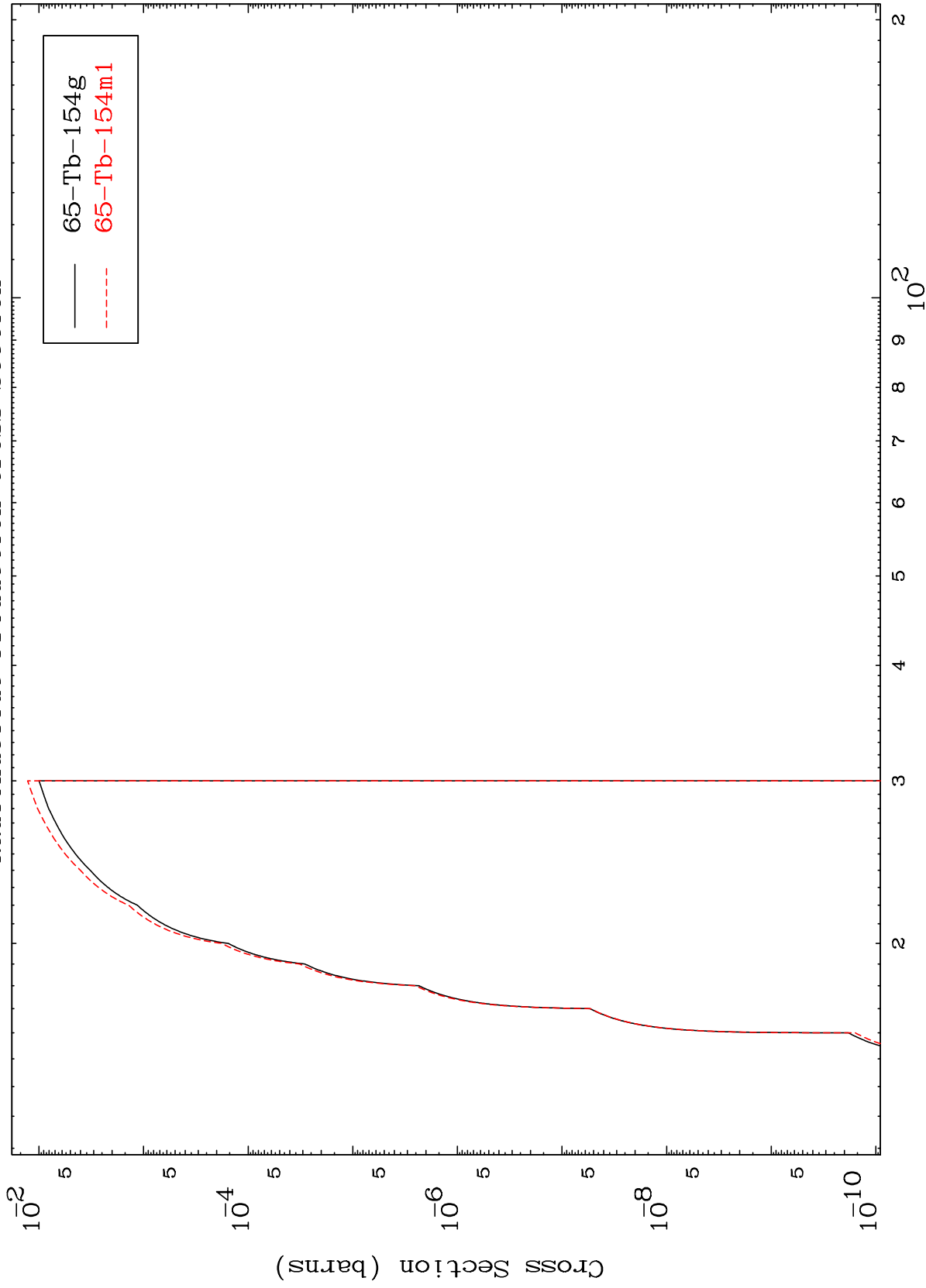
64-Gd-154

MAT 6431

(n,2n) p

64-Gd-154

Radionuclide Production Cross Section



14

Incident Energy (MeV)

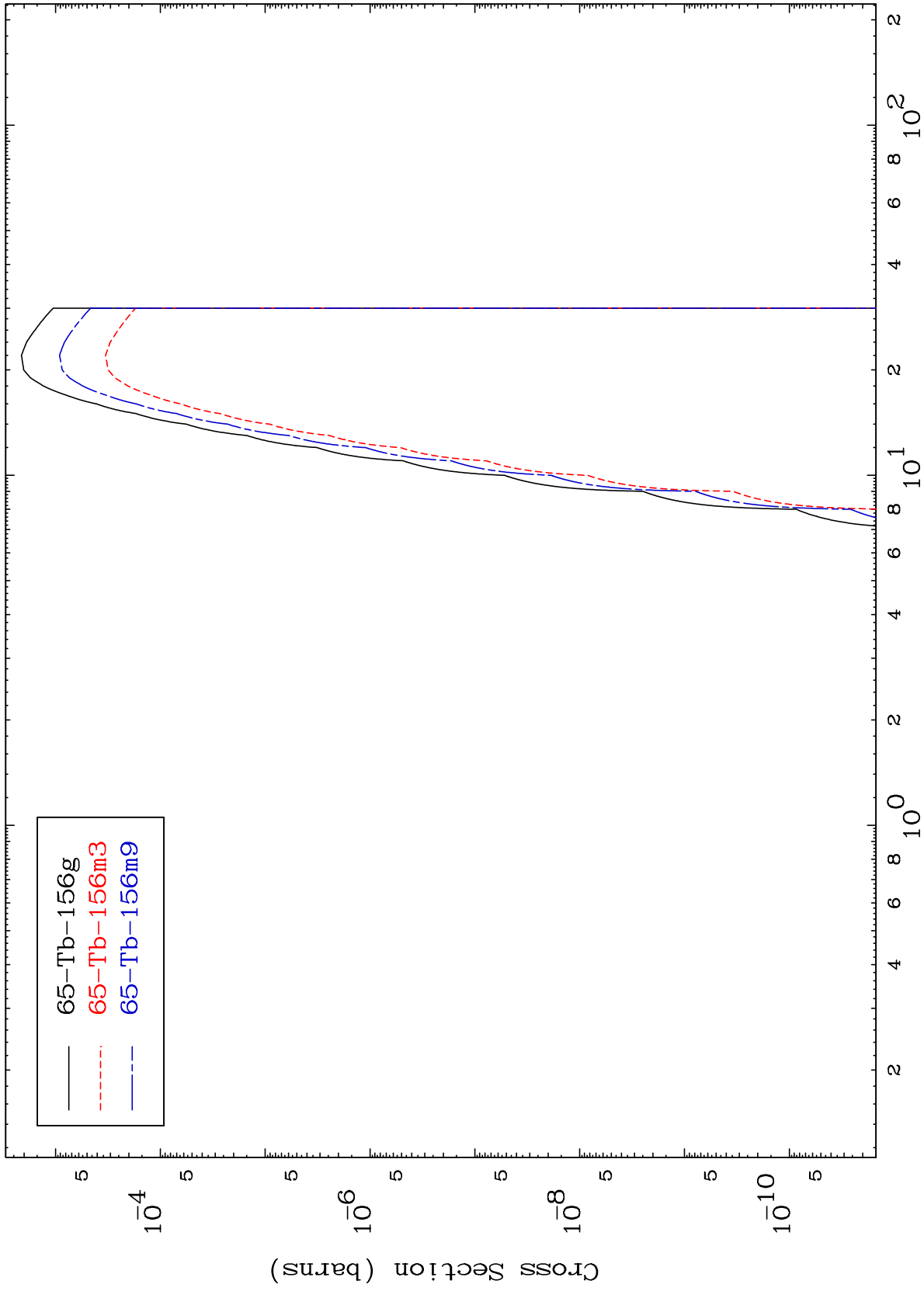
64-Gd-154

MAT 6431

(n,p)

64-Gd-154

Radionuclide Production Cross Section



15

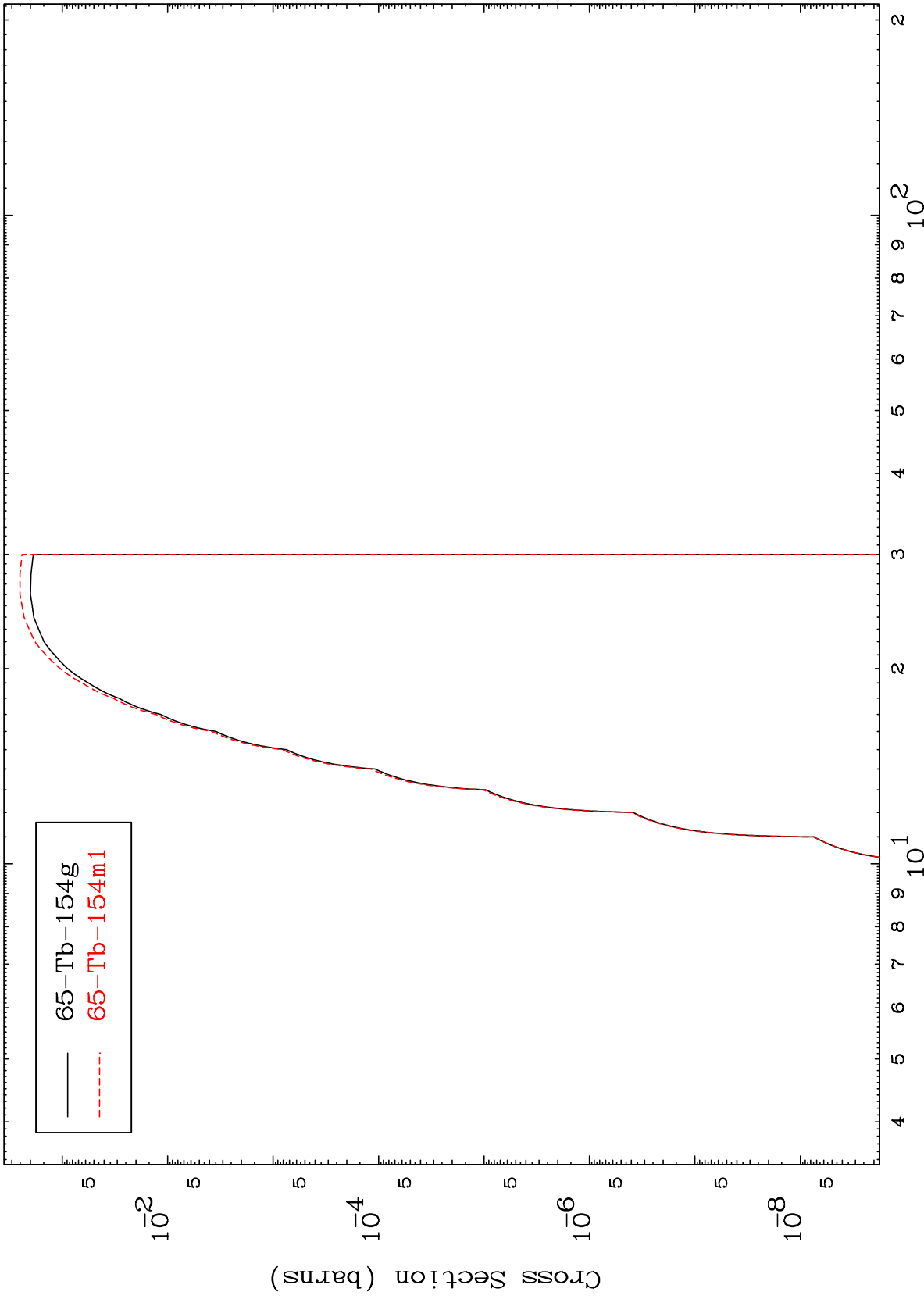
Incident Energy (MeV)

64-Gd-154

MAT 6431

64-Gd-154

(n, t)  
Radionuclide Production Cross Section



65-Tb-154g  
65-Tb-154m1

16

Incident Energy (MeV)

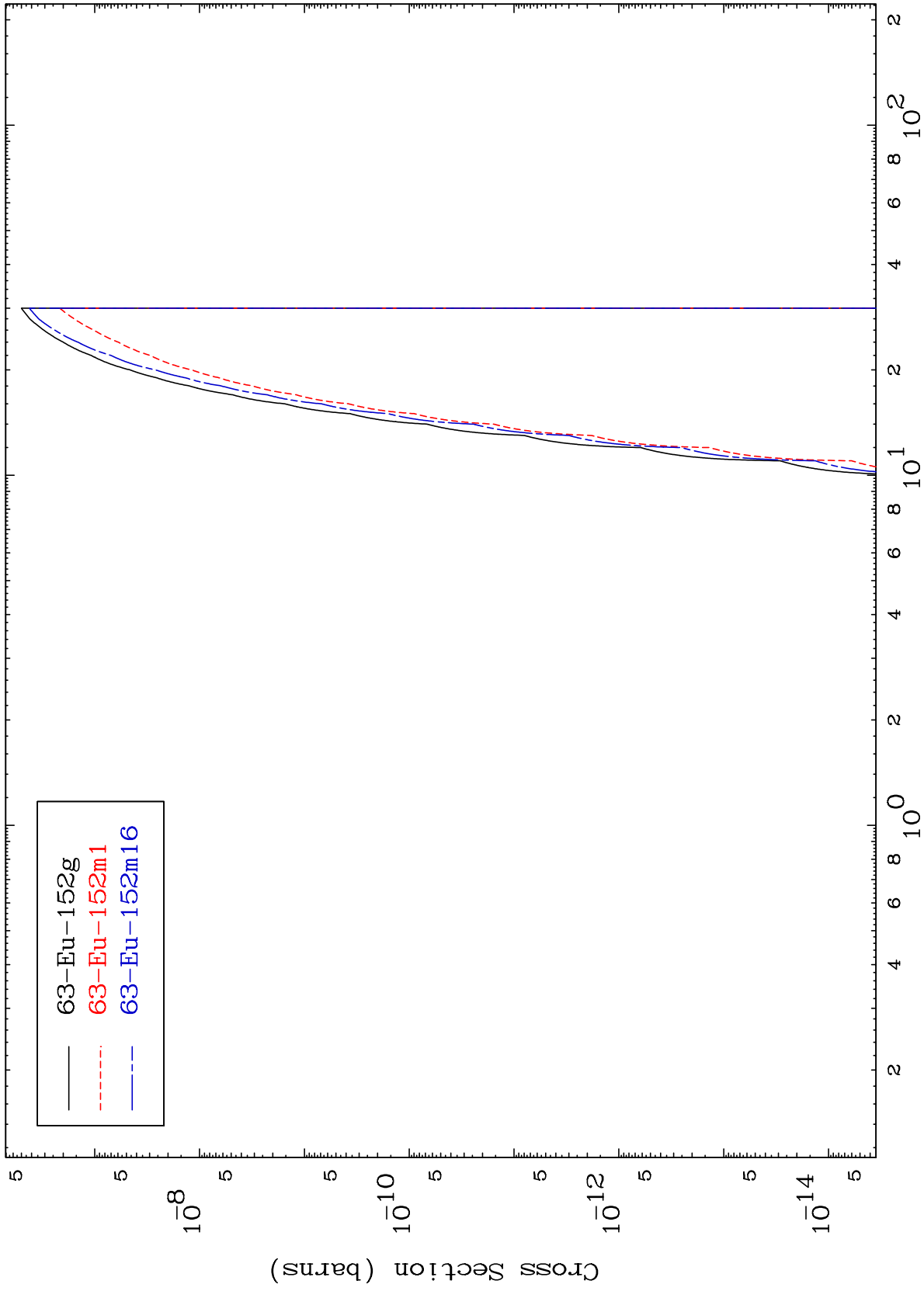
64-Gd-154

MAT 6431

(n,p)  $\alpha$

64-Gd-154

Radionuclide Production Cross Section



63-Eu-152g  
63-Eu-152m1  
63-Eu-152m16

17

Incident Energy (MeV)

64-Gd-154