

Program EVALPLOT
(Version 2021-1)

by

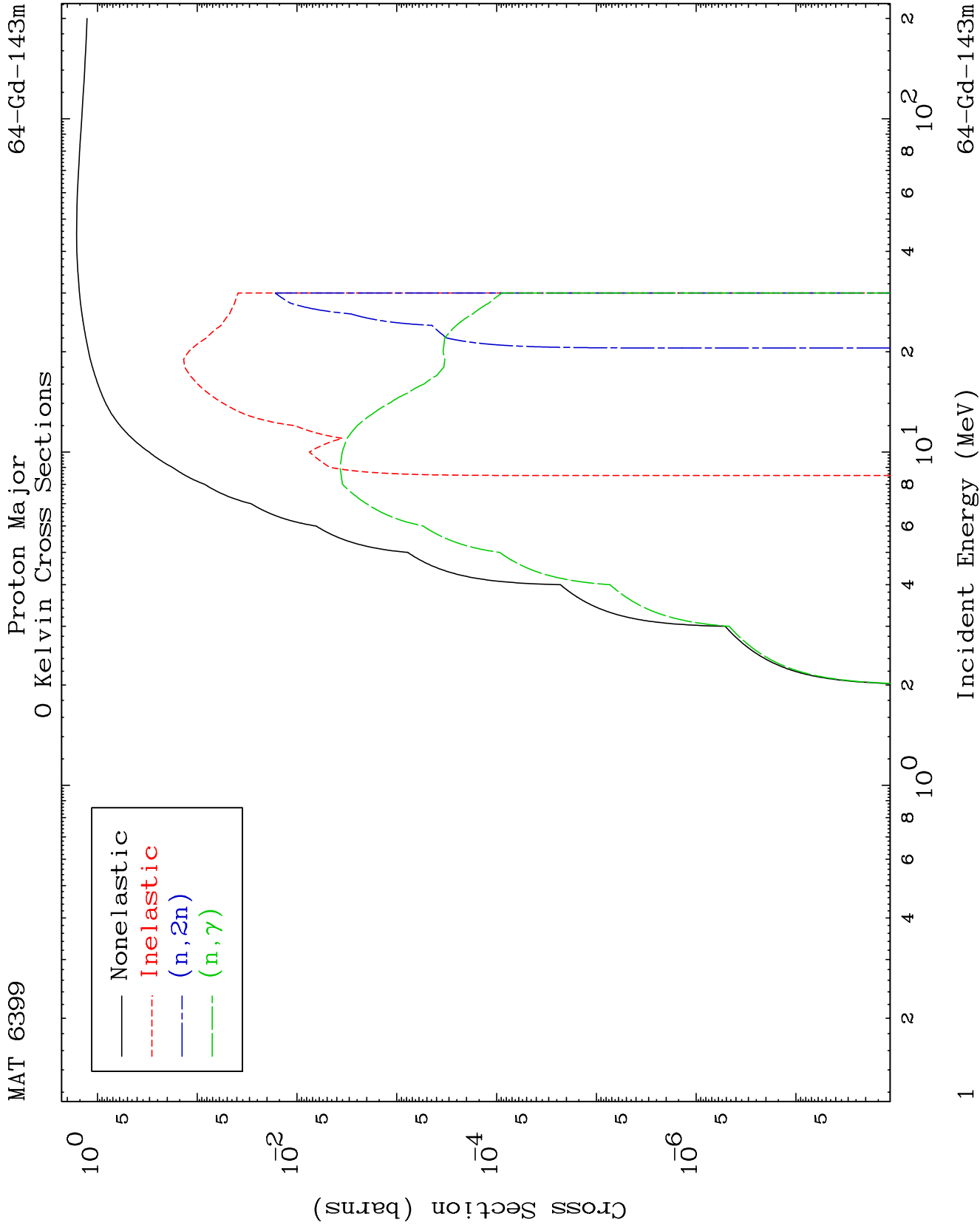
Dermott E. Cullen
(Present Contact Information)

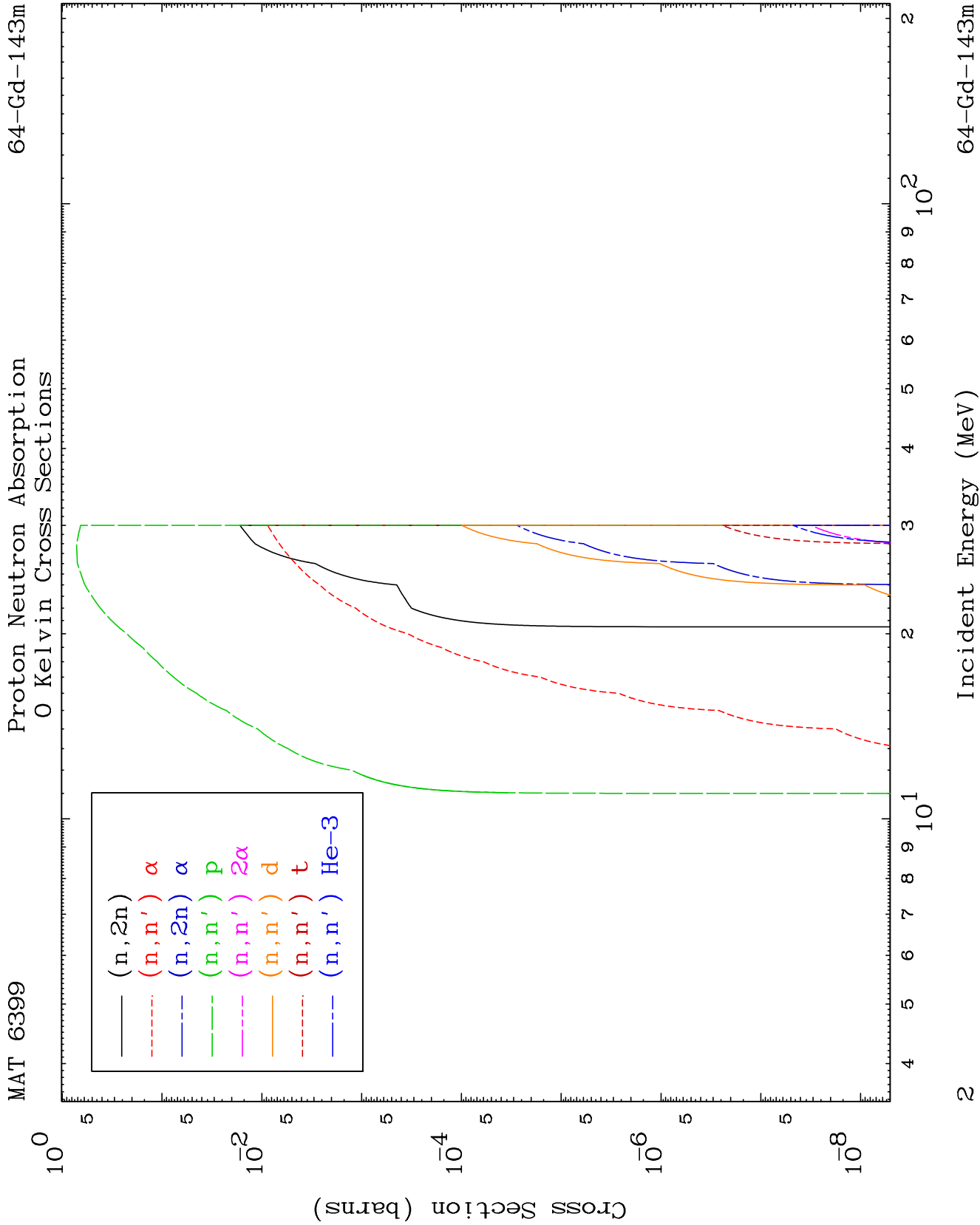
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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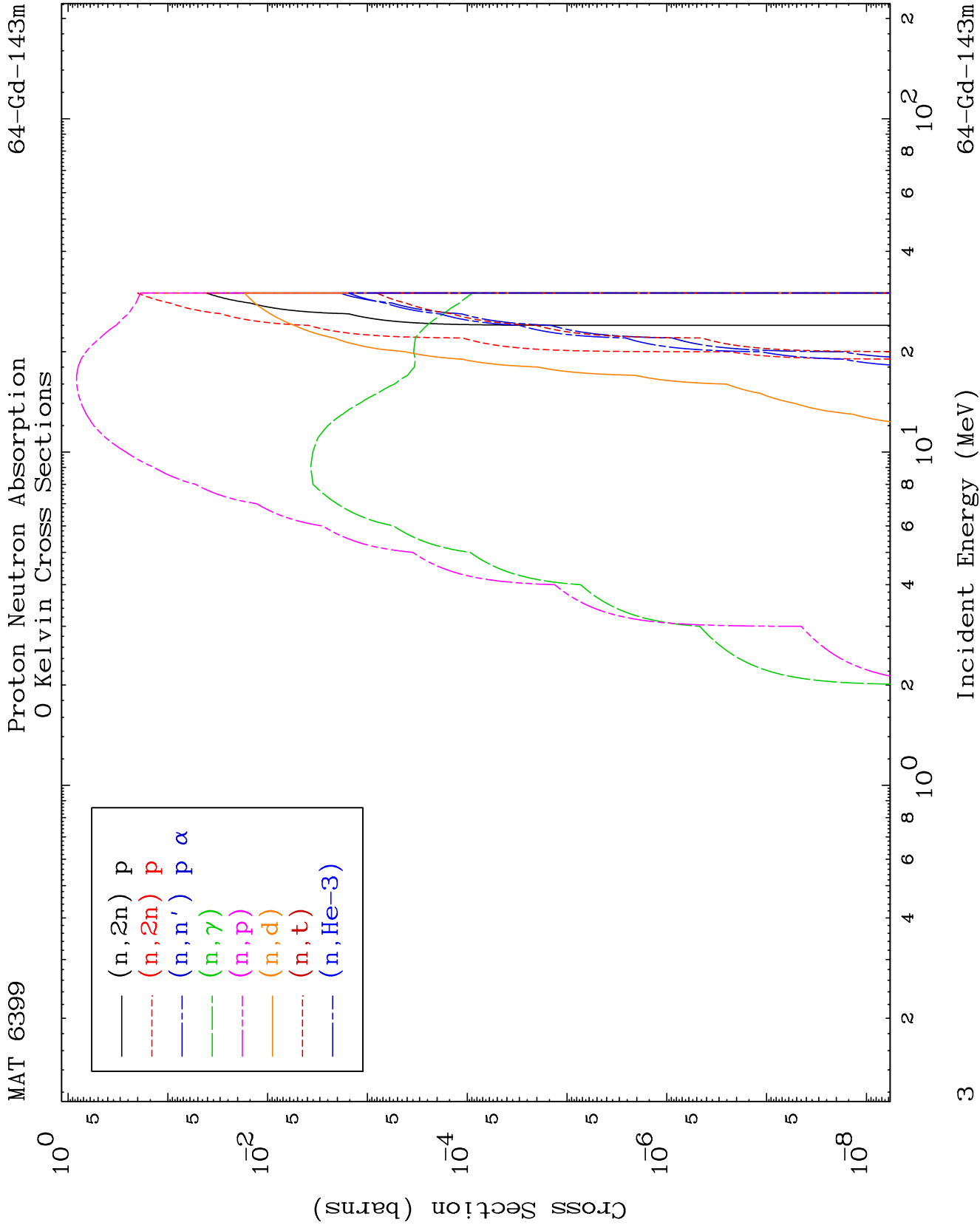
Tele: 925-443-1911

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

Press Mouse Button to Start



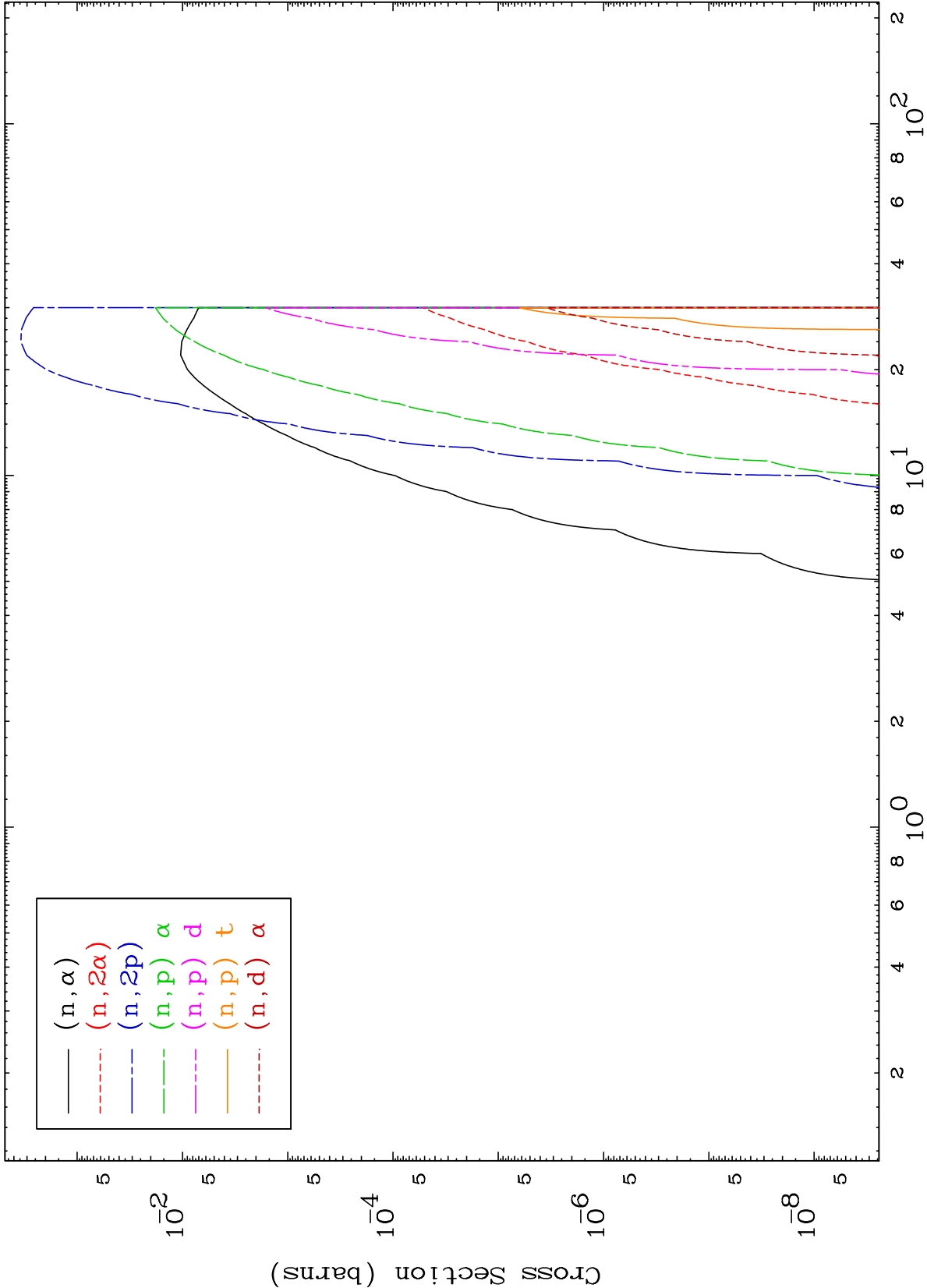


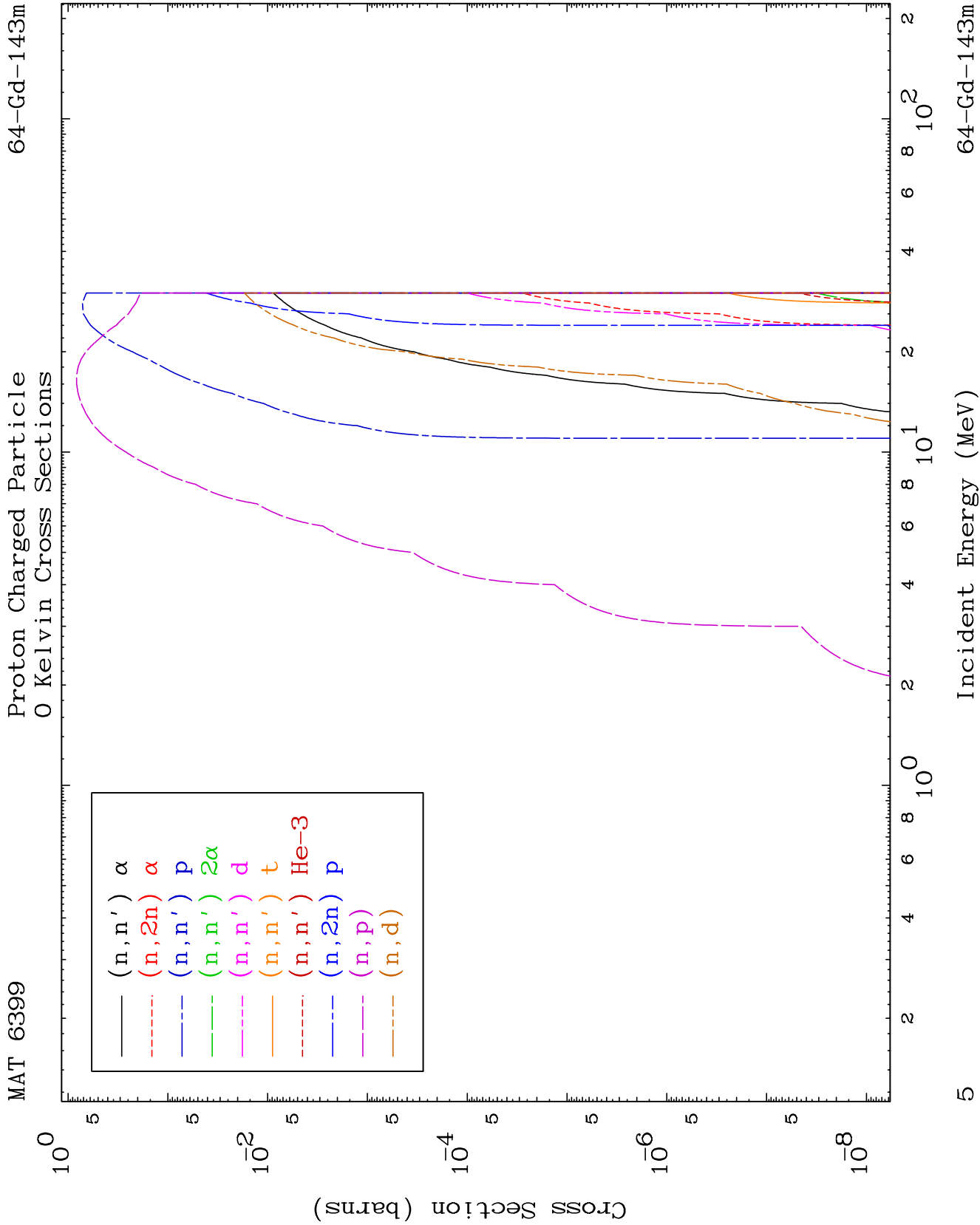


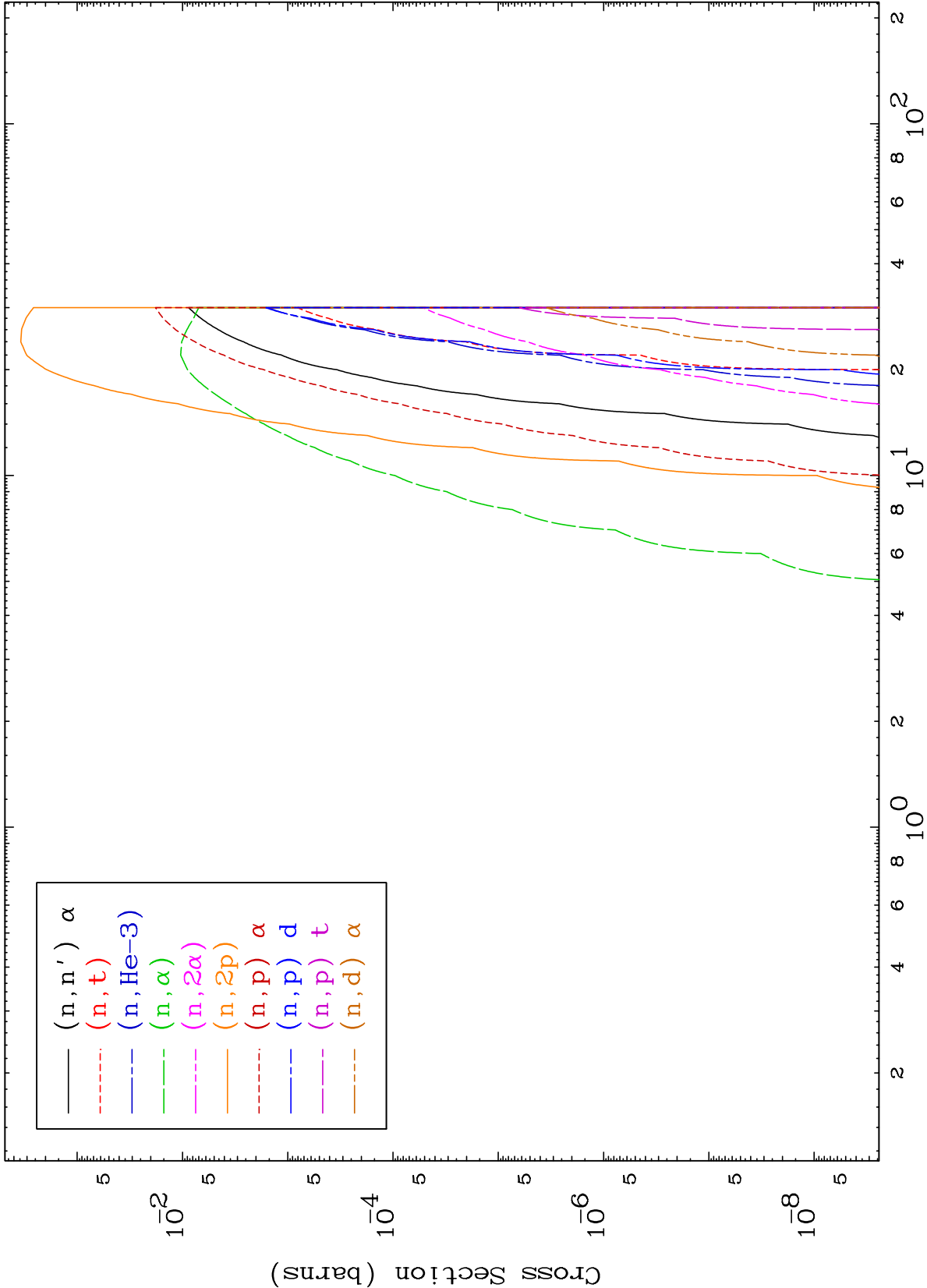
MAT 6399

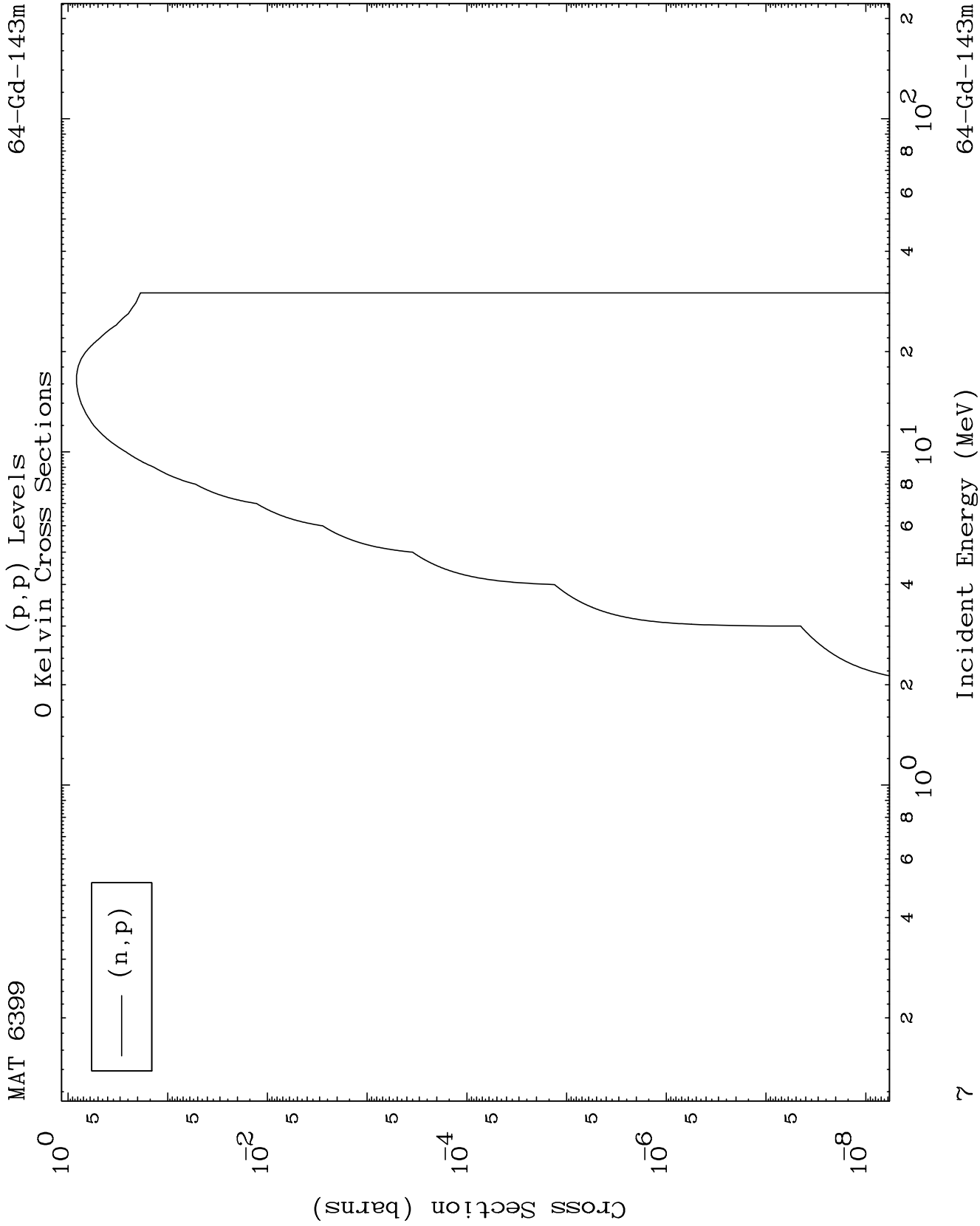
Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-143m





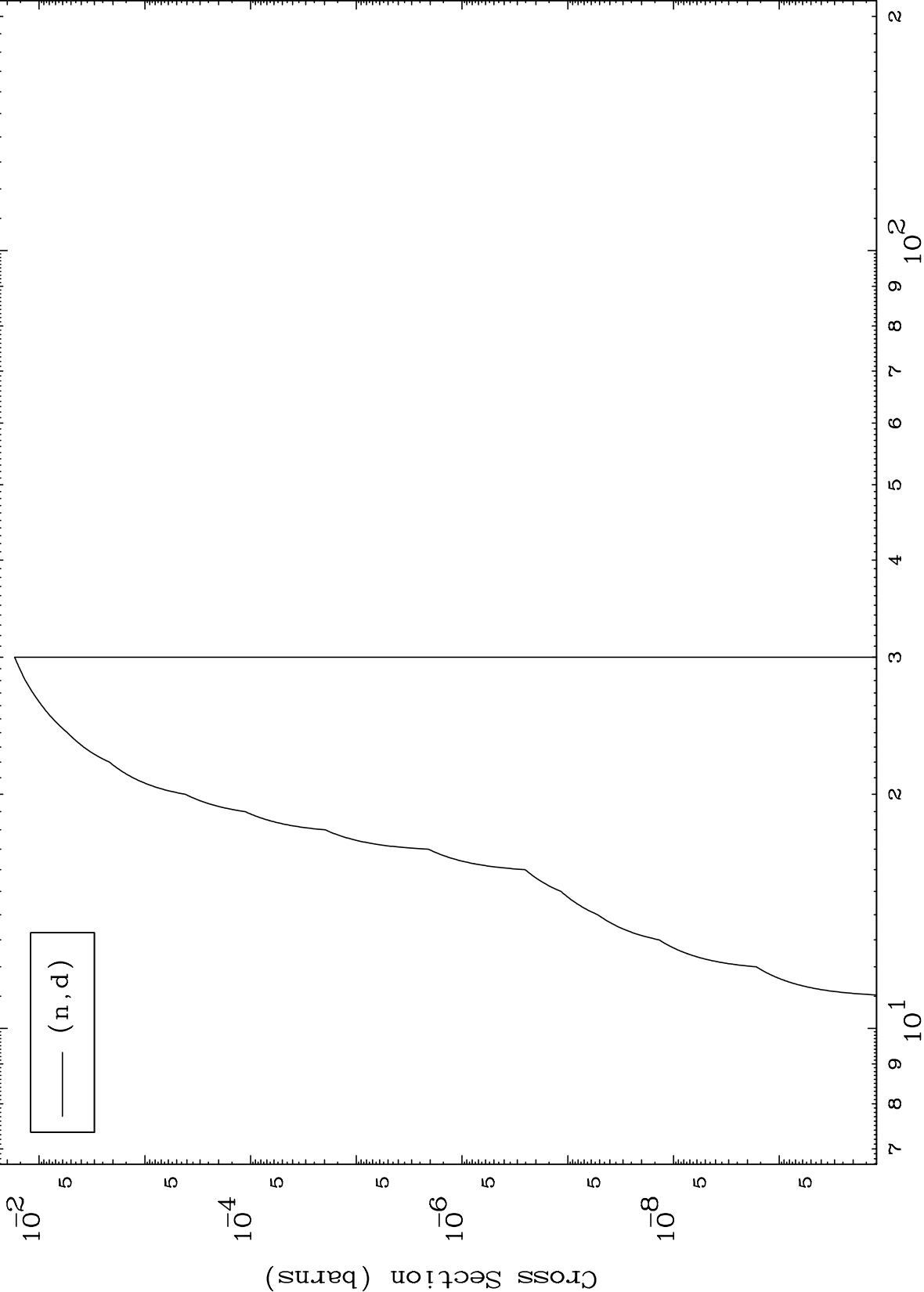


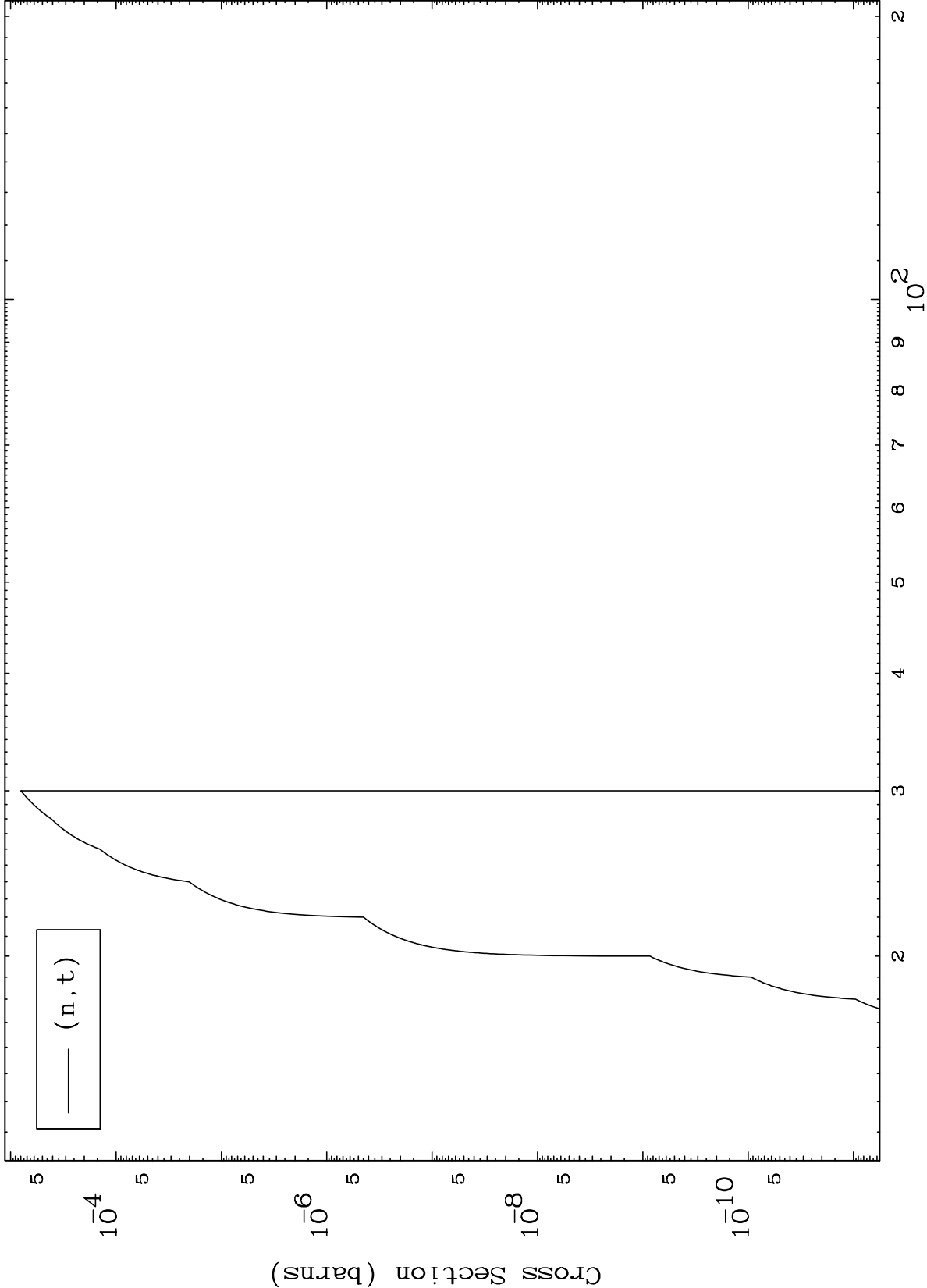


MAT 6399

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-143m



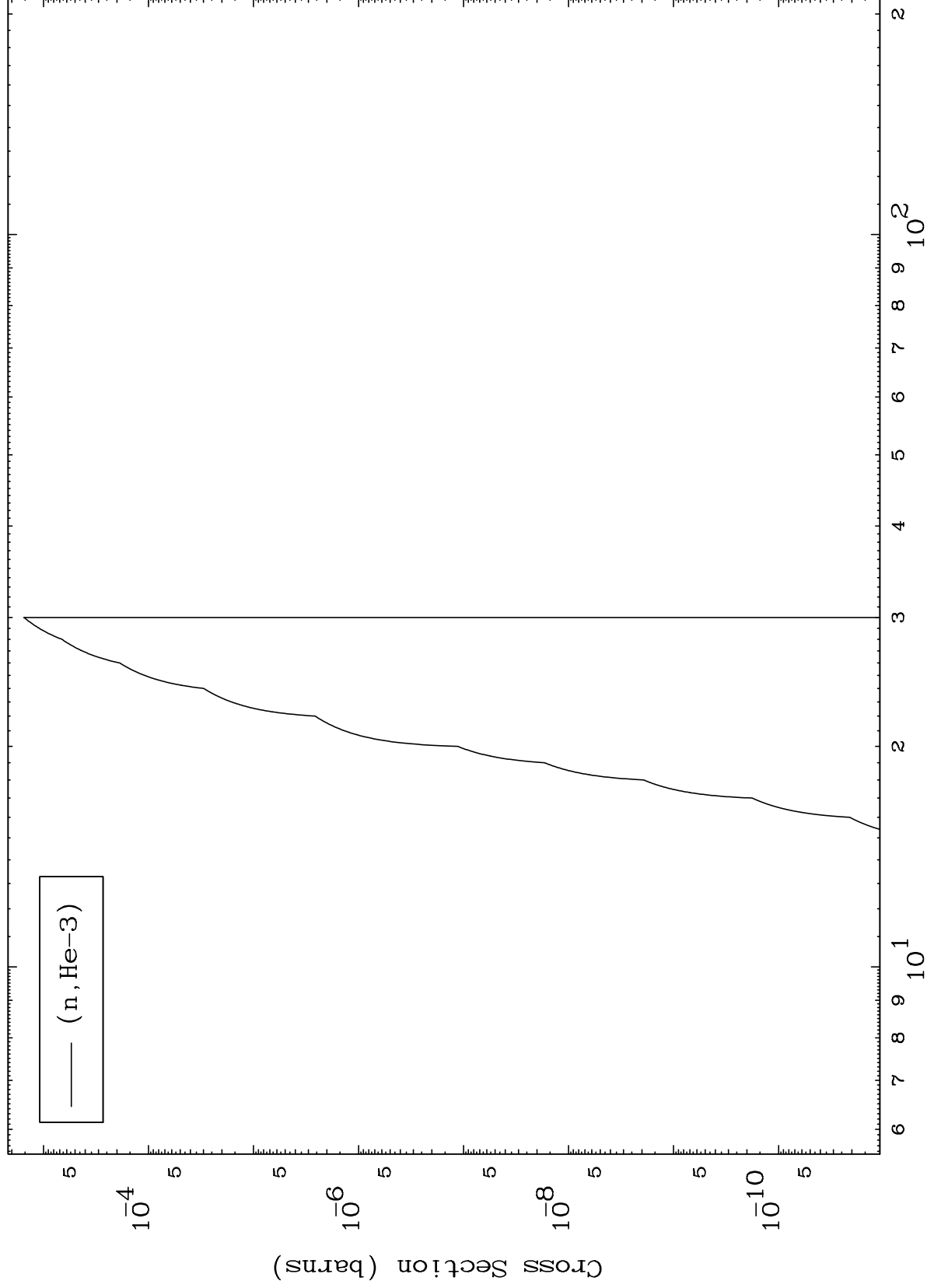


MAT 6399

(p,He3) Levels

64-Gd-143m

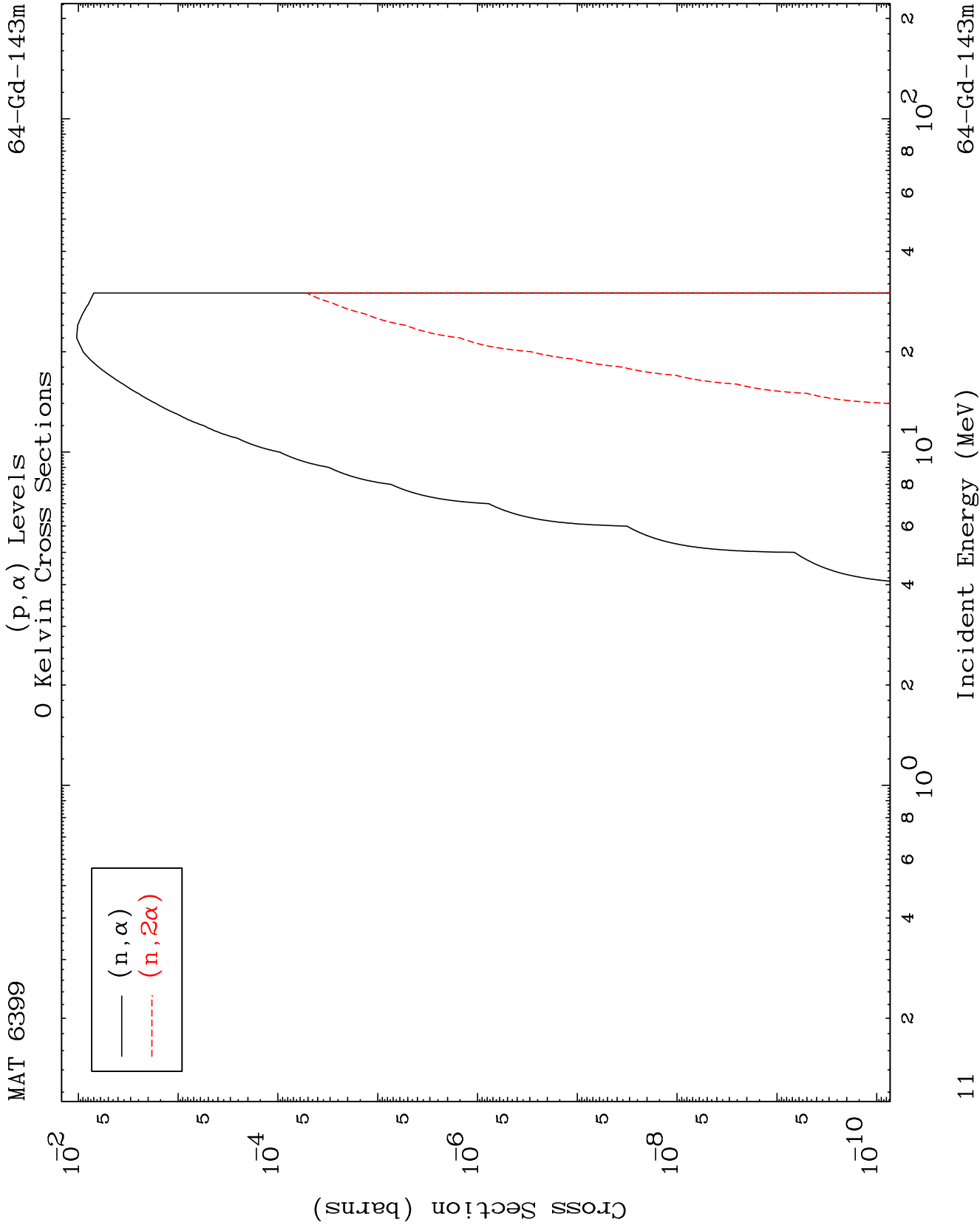
0 Kelvin Cross Sections

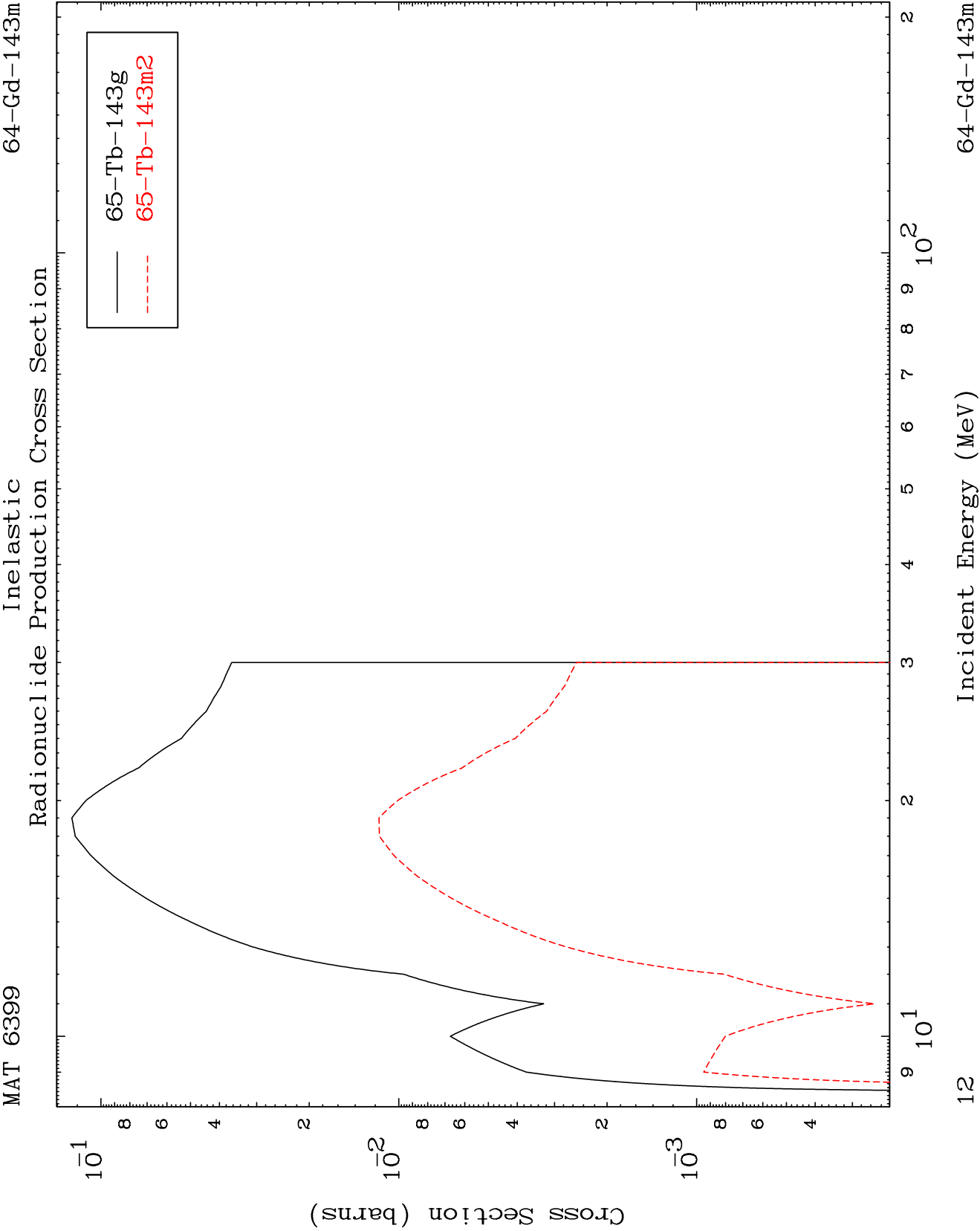


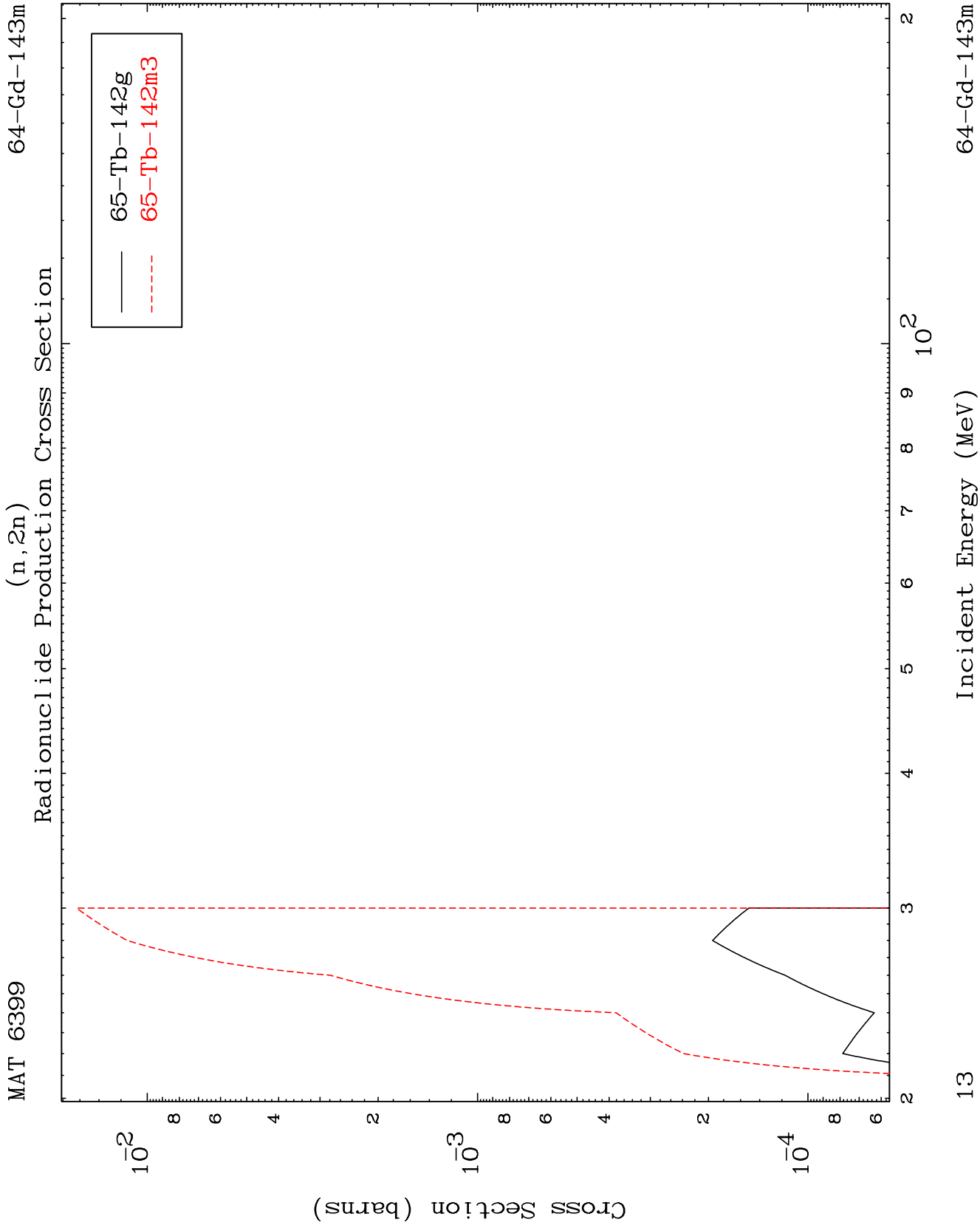
10

Incident Energy (MeV)

64-Gd-143m



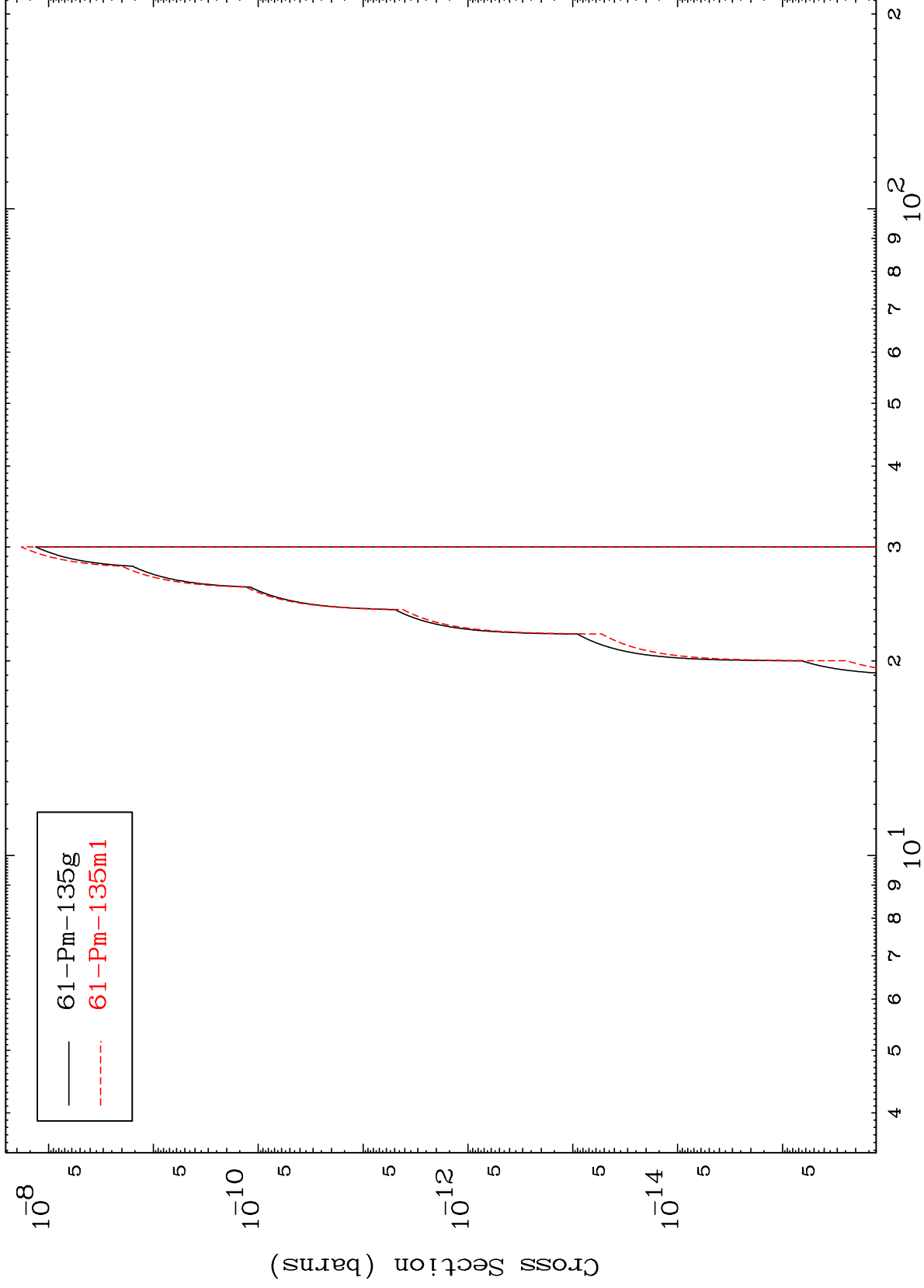




MAT 6399

64-Gd-143m

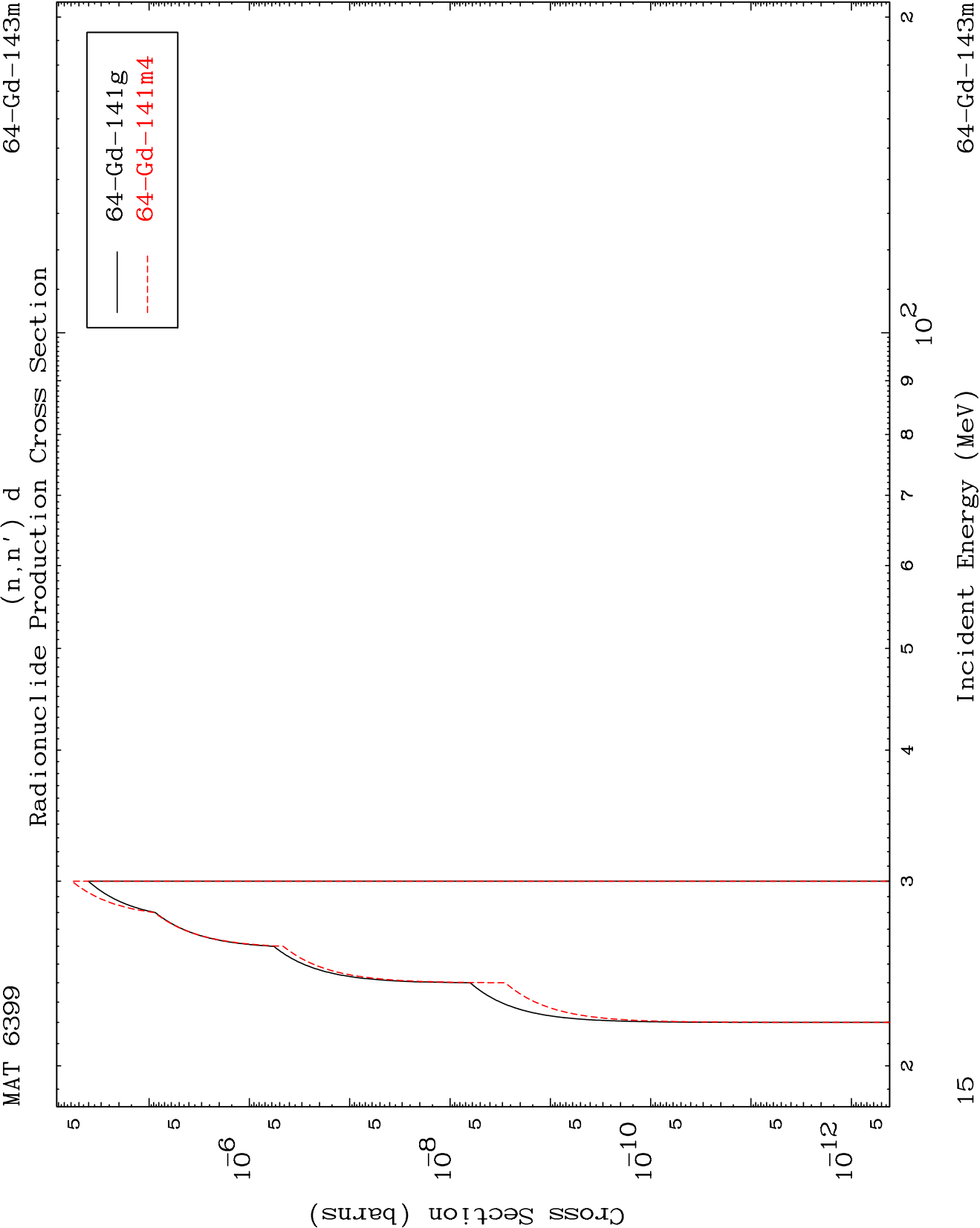
(n,n') 2 α
Radionuclide Production Cross Section



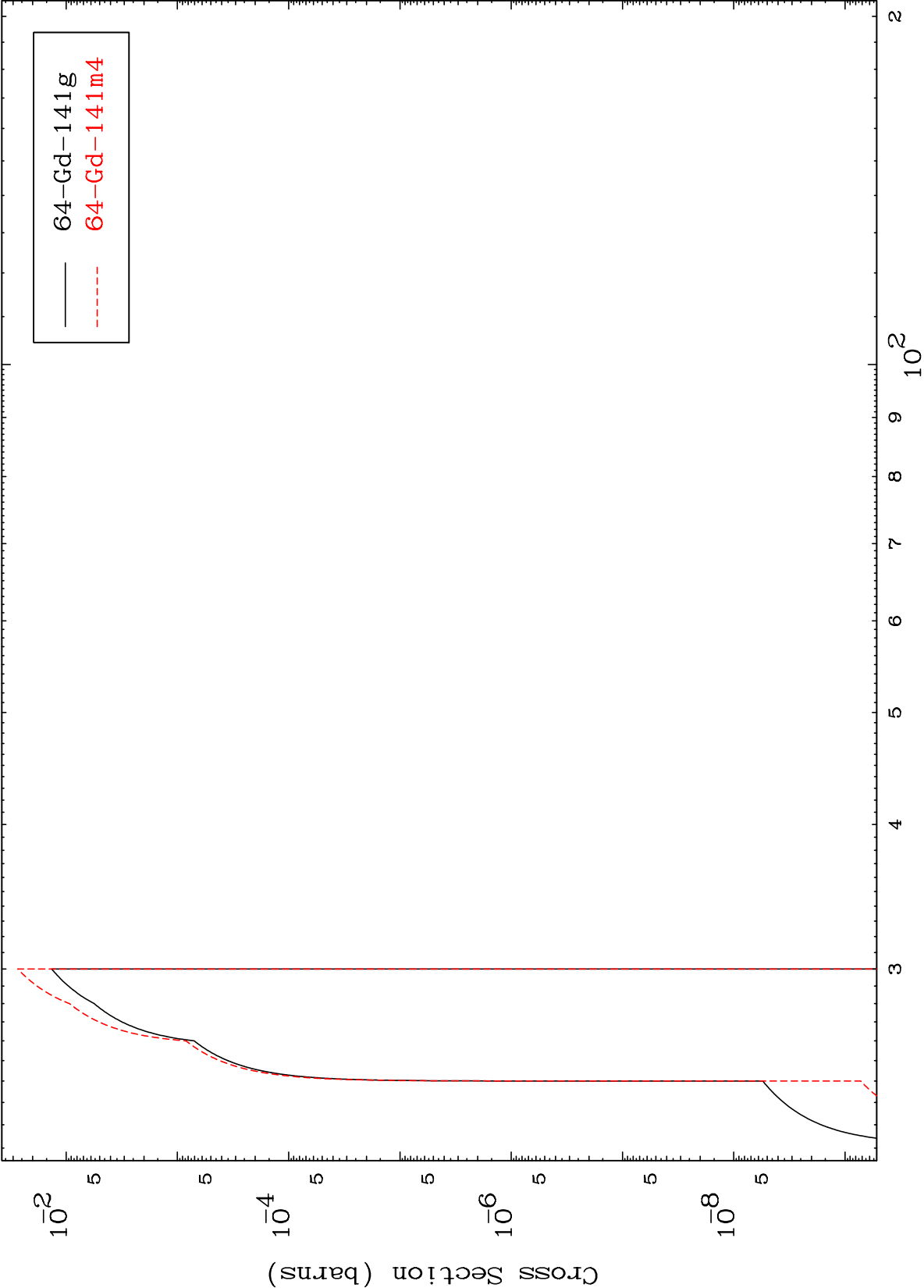
14

Incident Energy (MeV)

64-Gd-143m



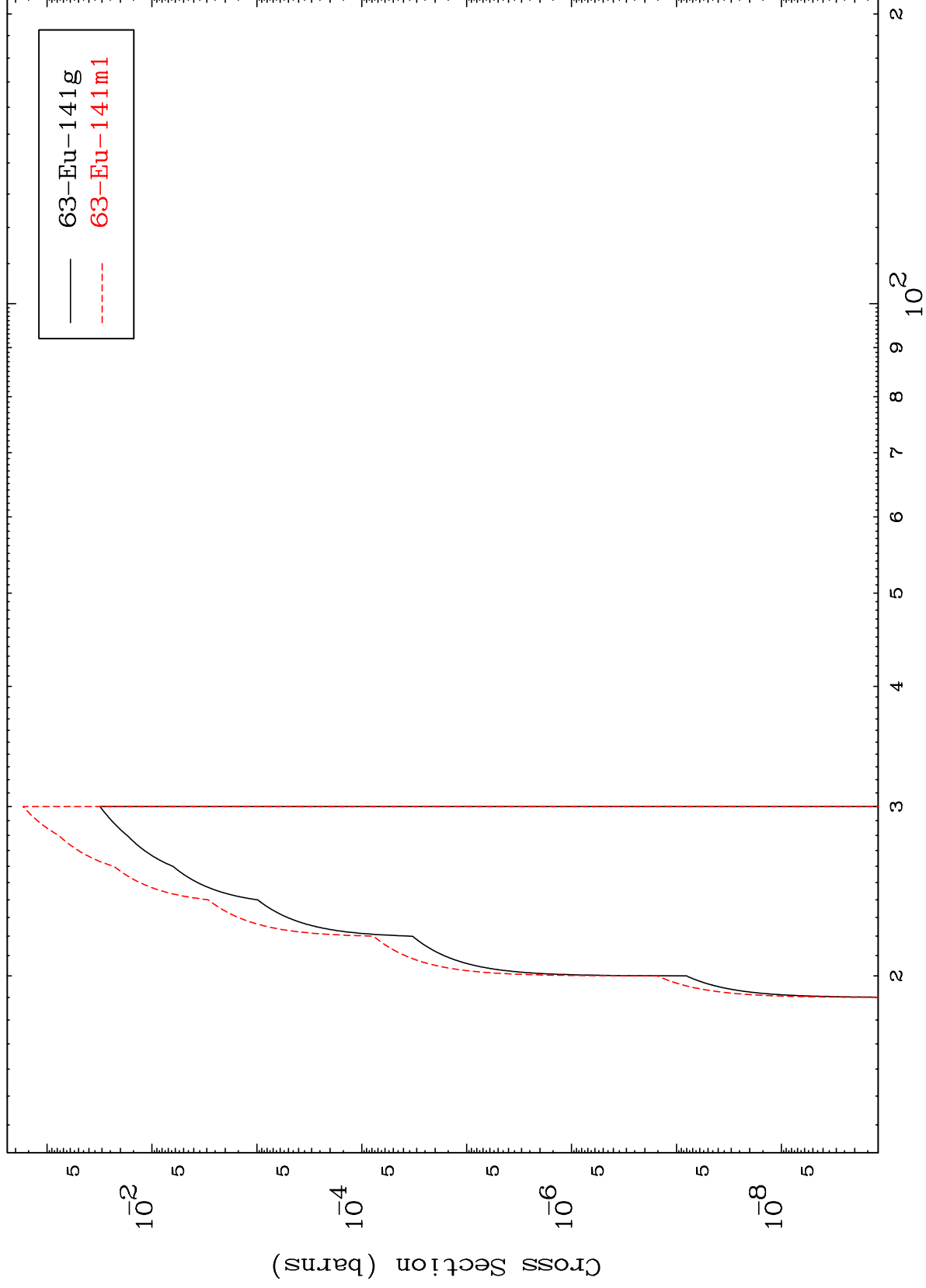
Radionuclide Production Cross Section



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64-Gd-143m

(n,2n) p
Radionuclide Production Cross Section



17

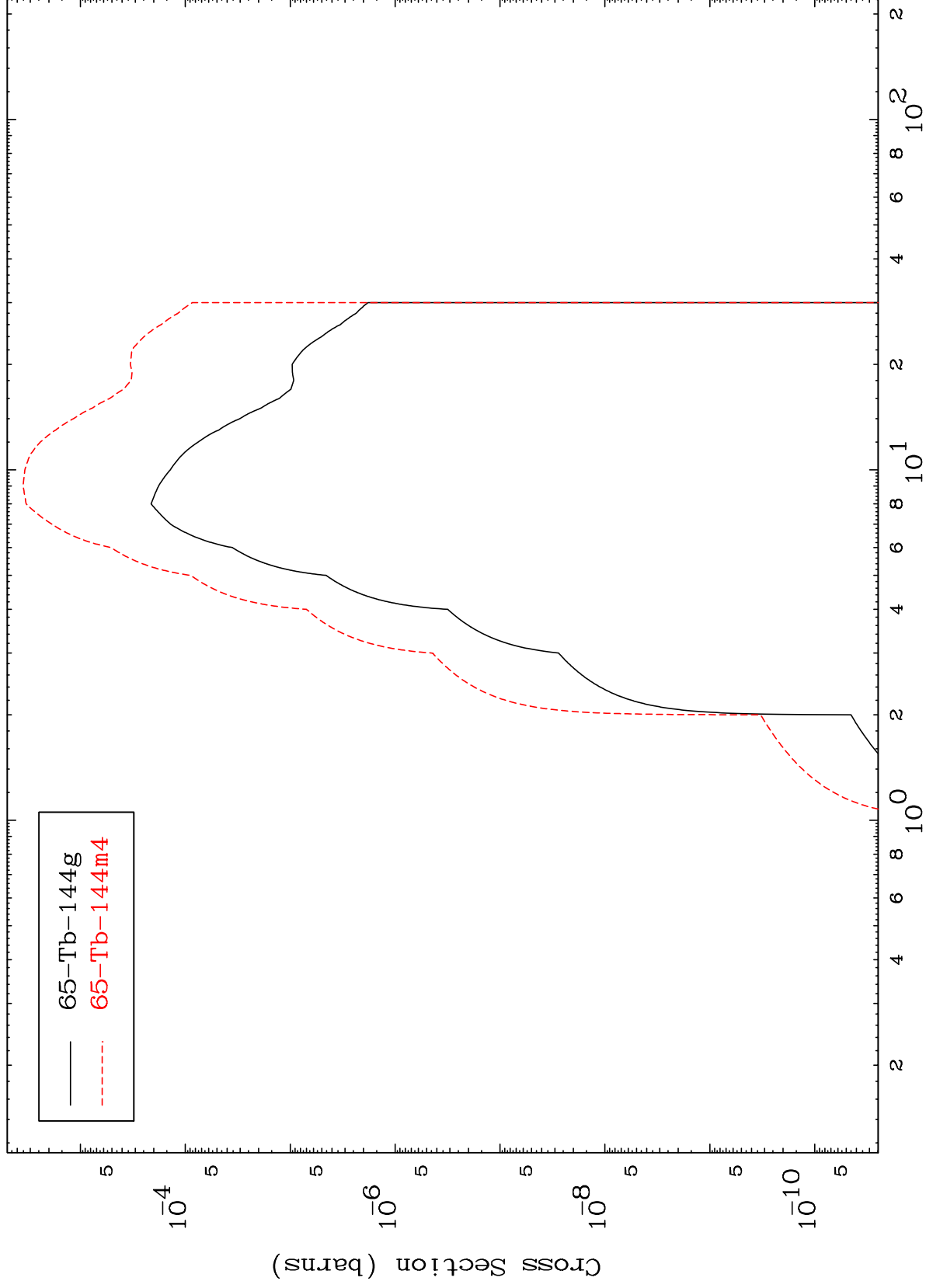
Incident Energy (MeV)

64-Gd-143m

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64-Gd-143m

Radionuclide Production Cross Section
(n, γ)



18

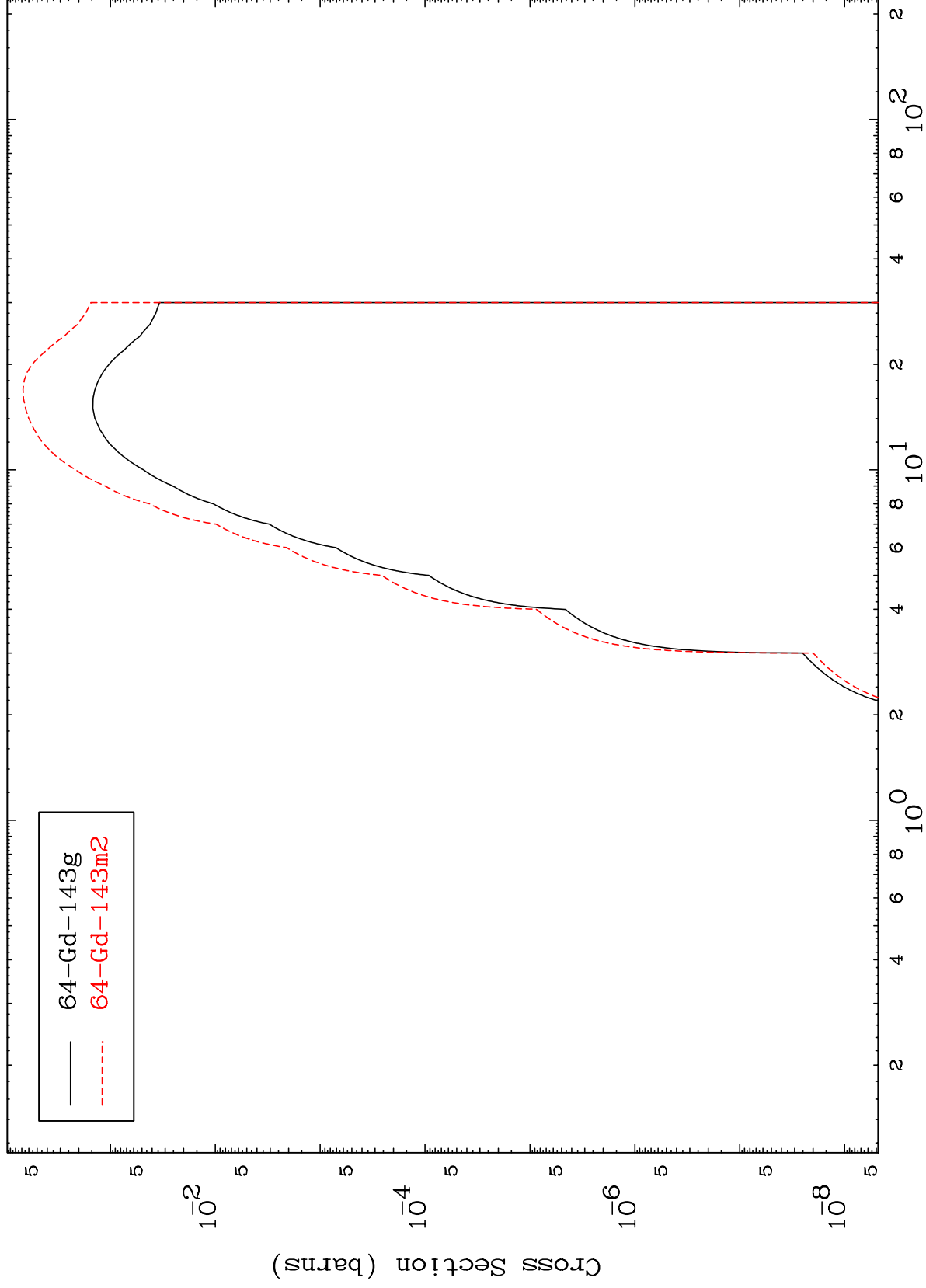
Incident Energy (MeV)

64-Gd-143m

MAT 6399

64-Gd-143m

Radionuclide Production Cross Section



19

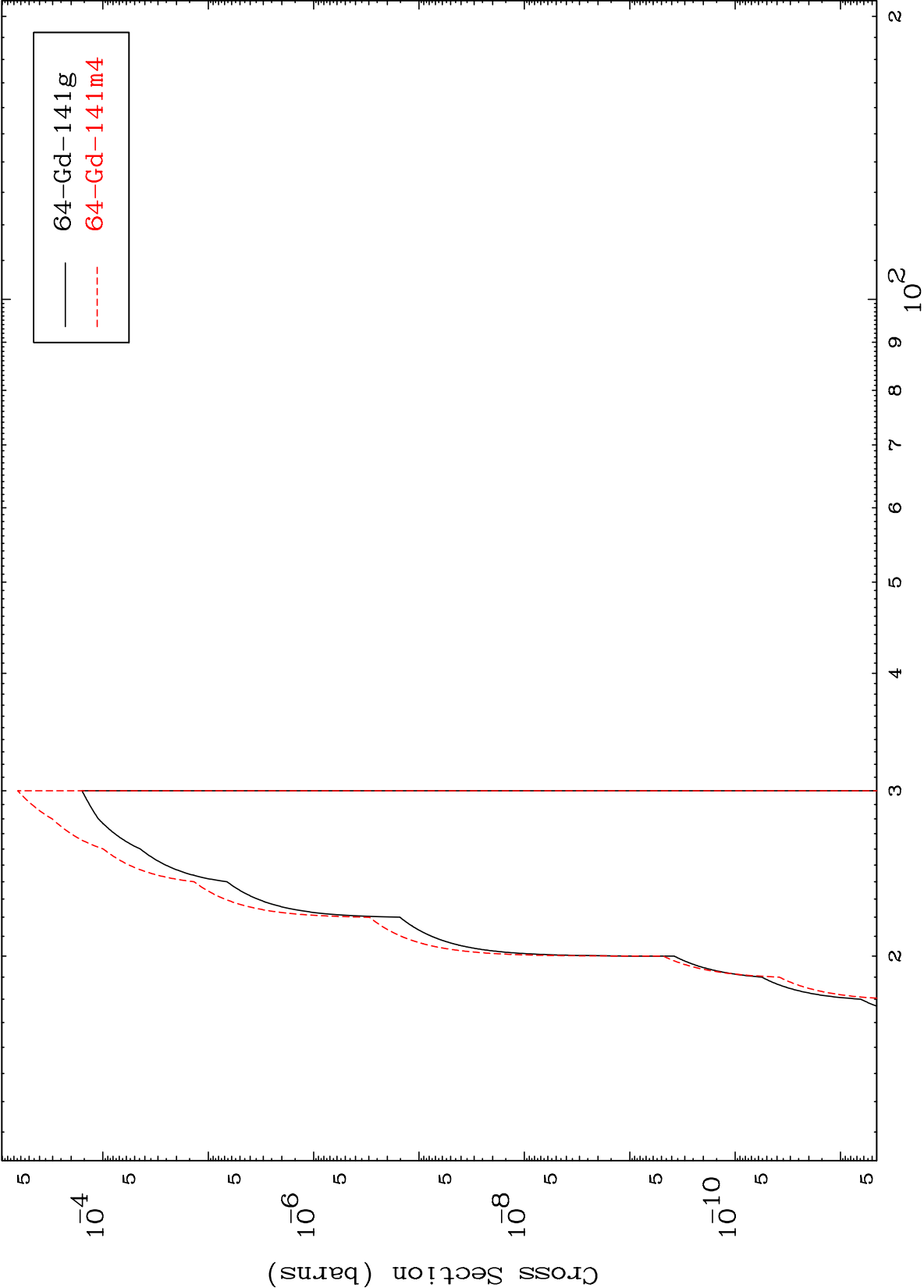
Incident Energy (MeV)

64-Gd-143m

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64-Gd-143m

(n,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

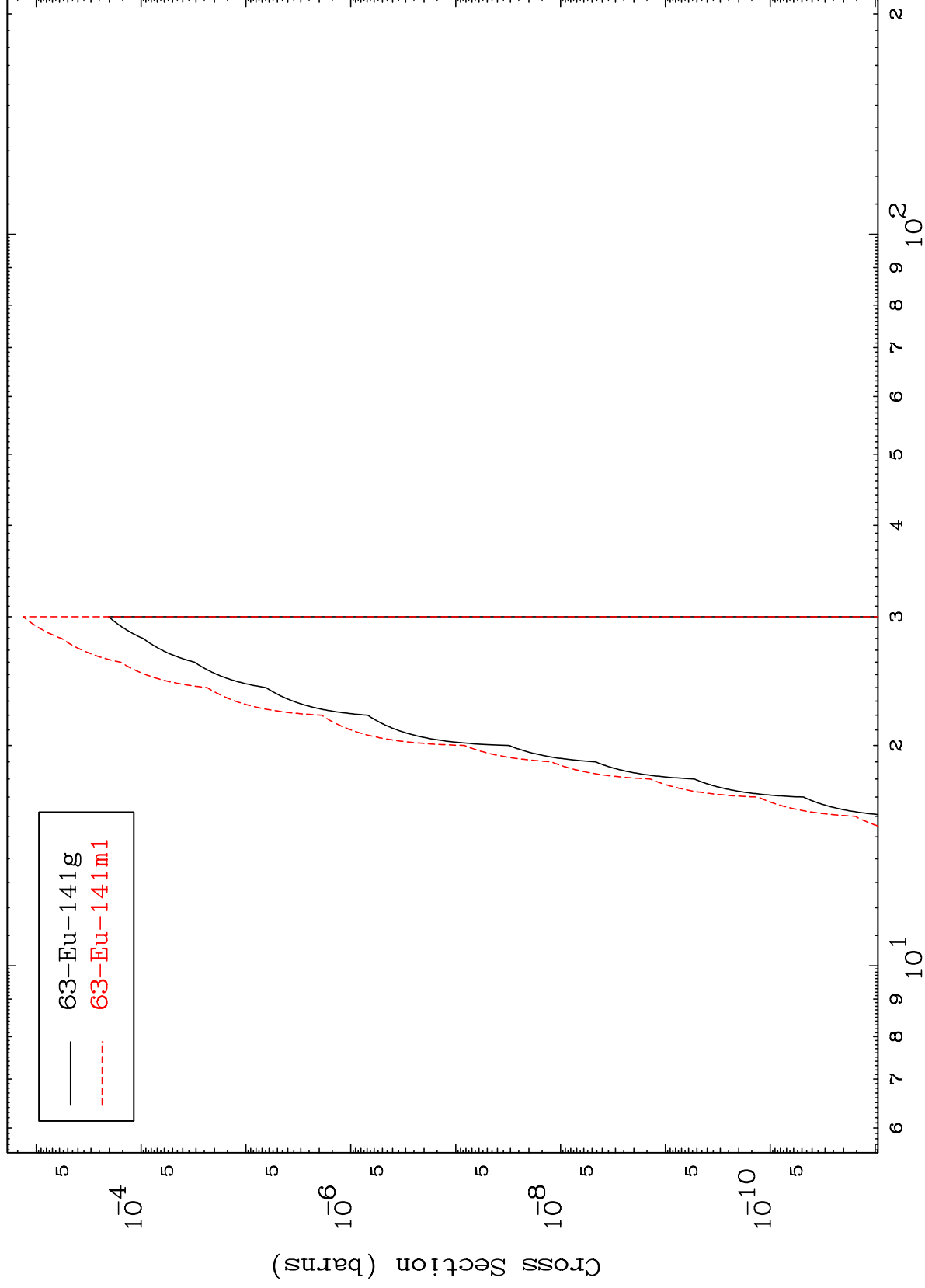
64-Gd-143m

MAT 6399

(n,He-3)

64-Gd-143m

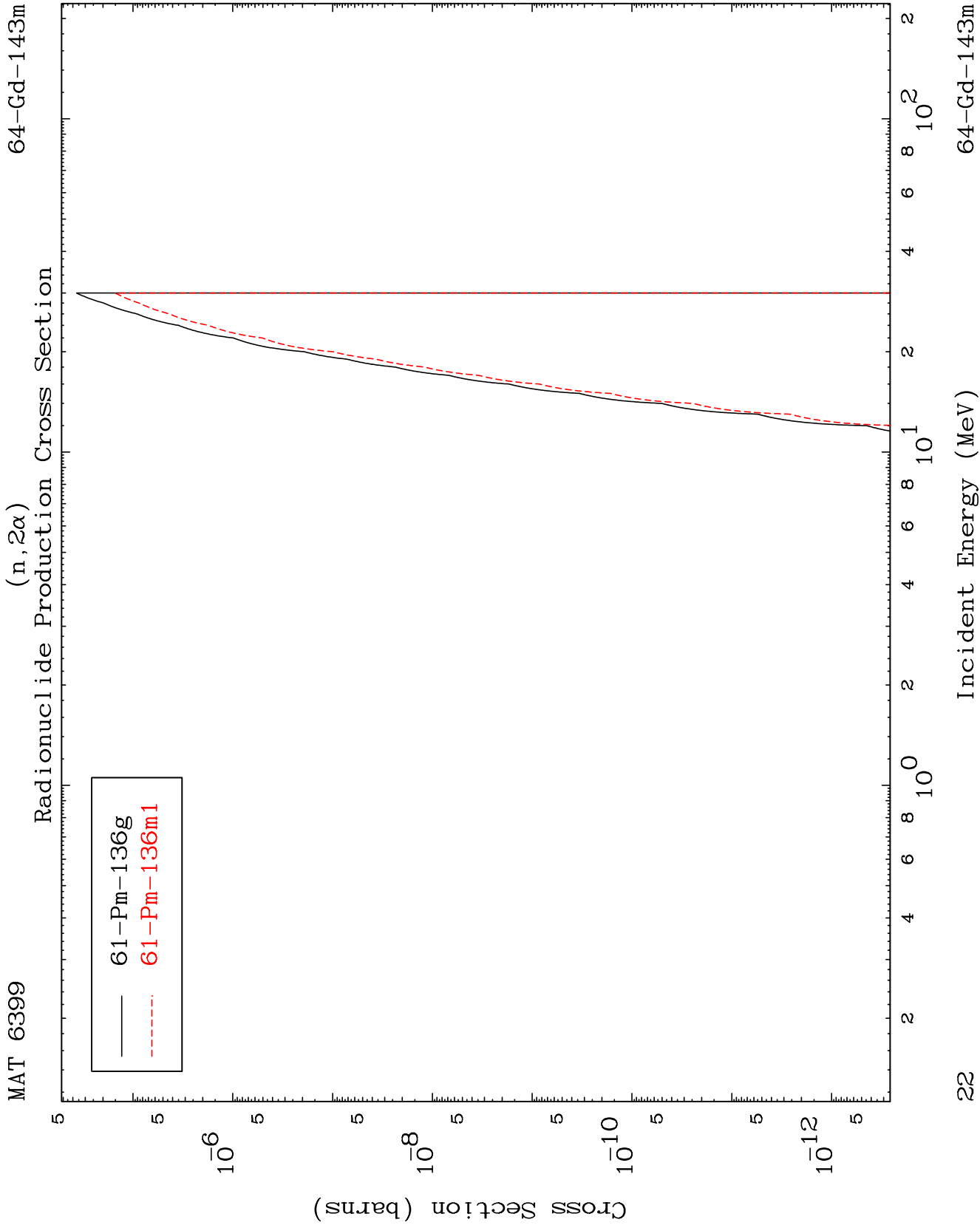
Radionuclide Production Cross Section



21

Incident Energy (MeV)

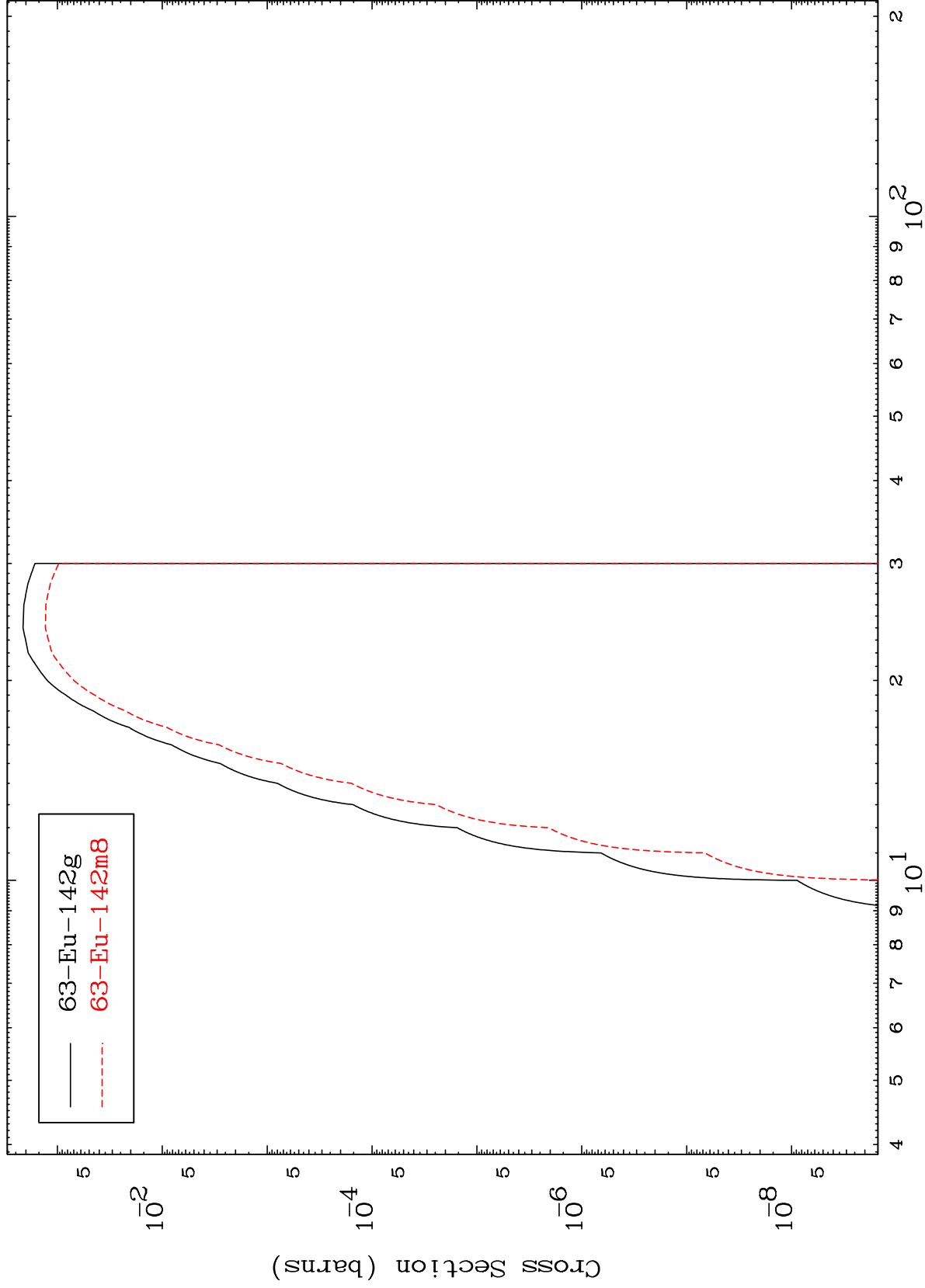
64-Gd-143m



MAT 6399

64-Gd-143m

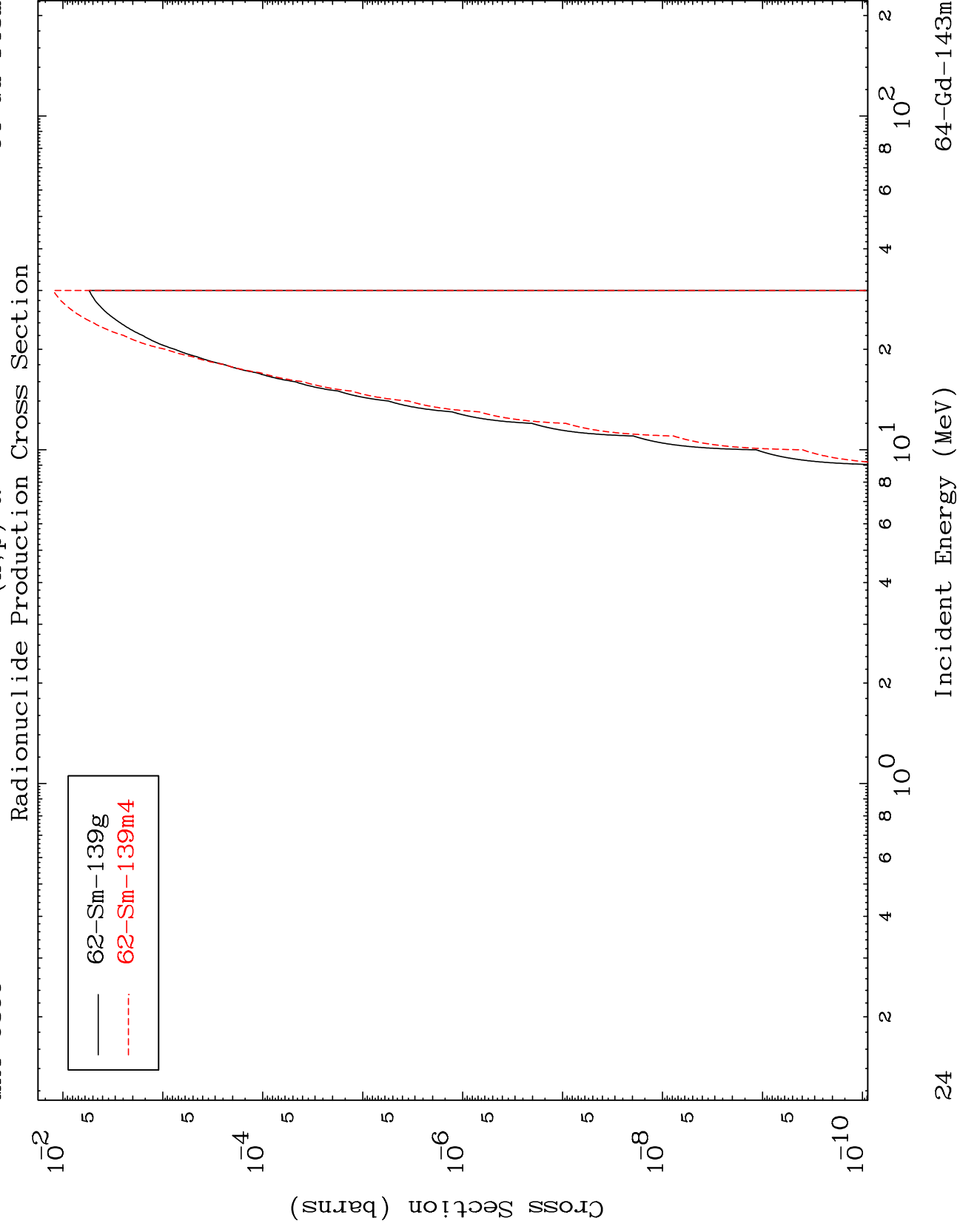
(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-143m



(n,p) d
Radionuclide Production Cross Section

