

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

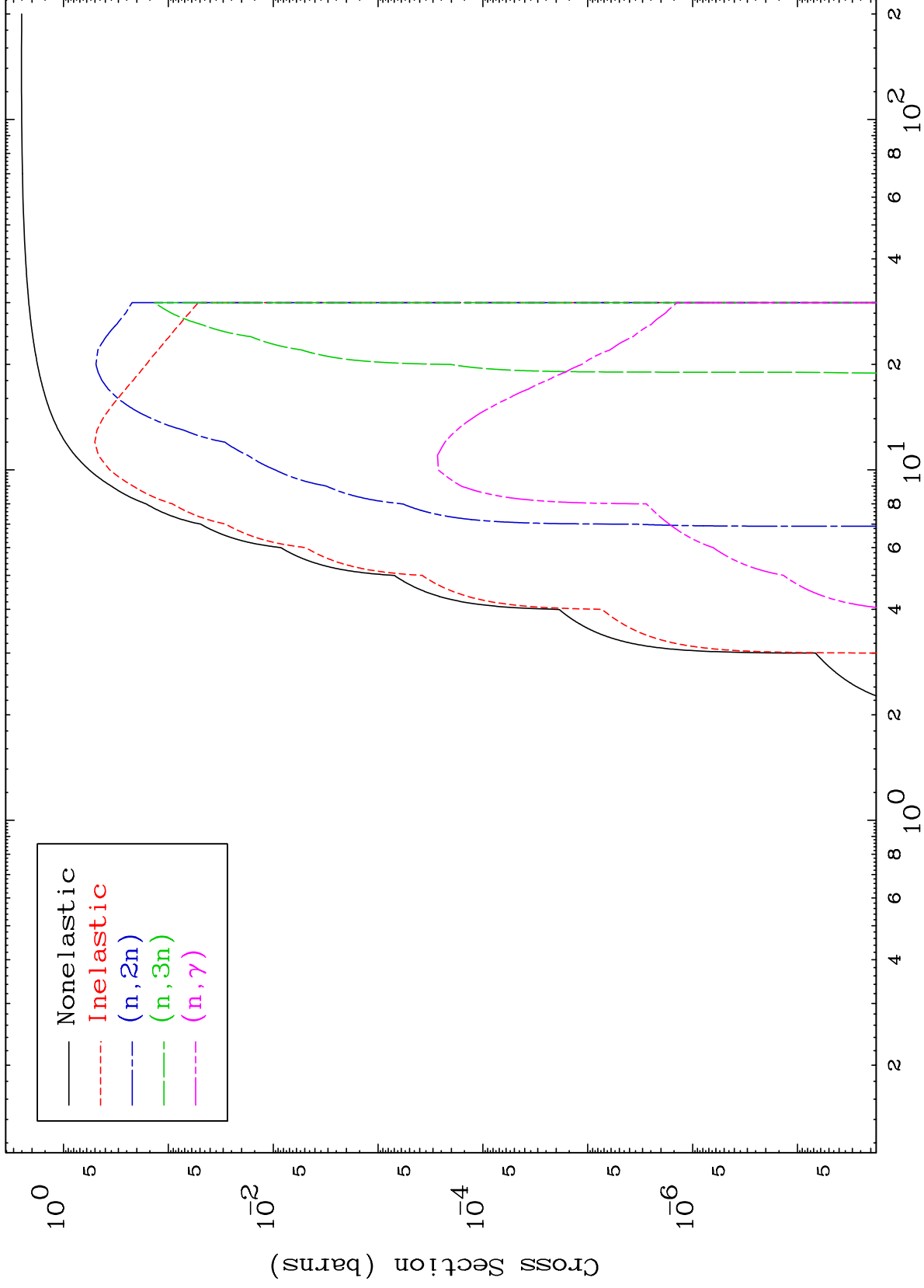
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

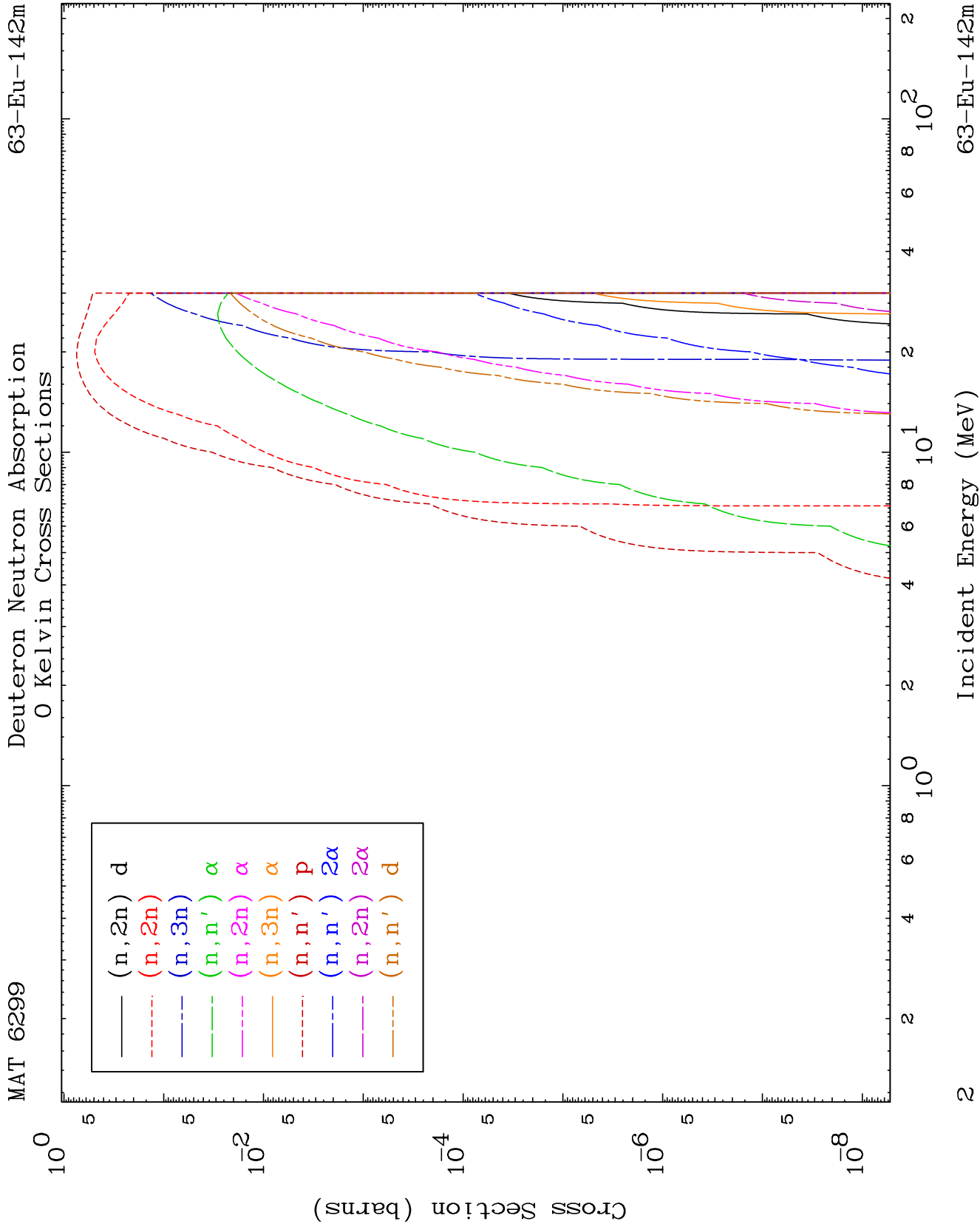
Tele: 925-443-1911

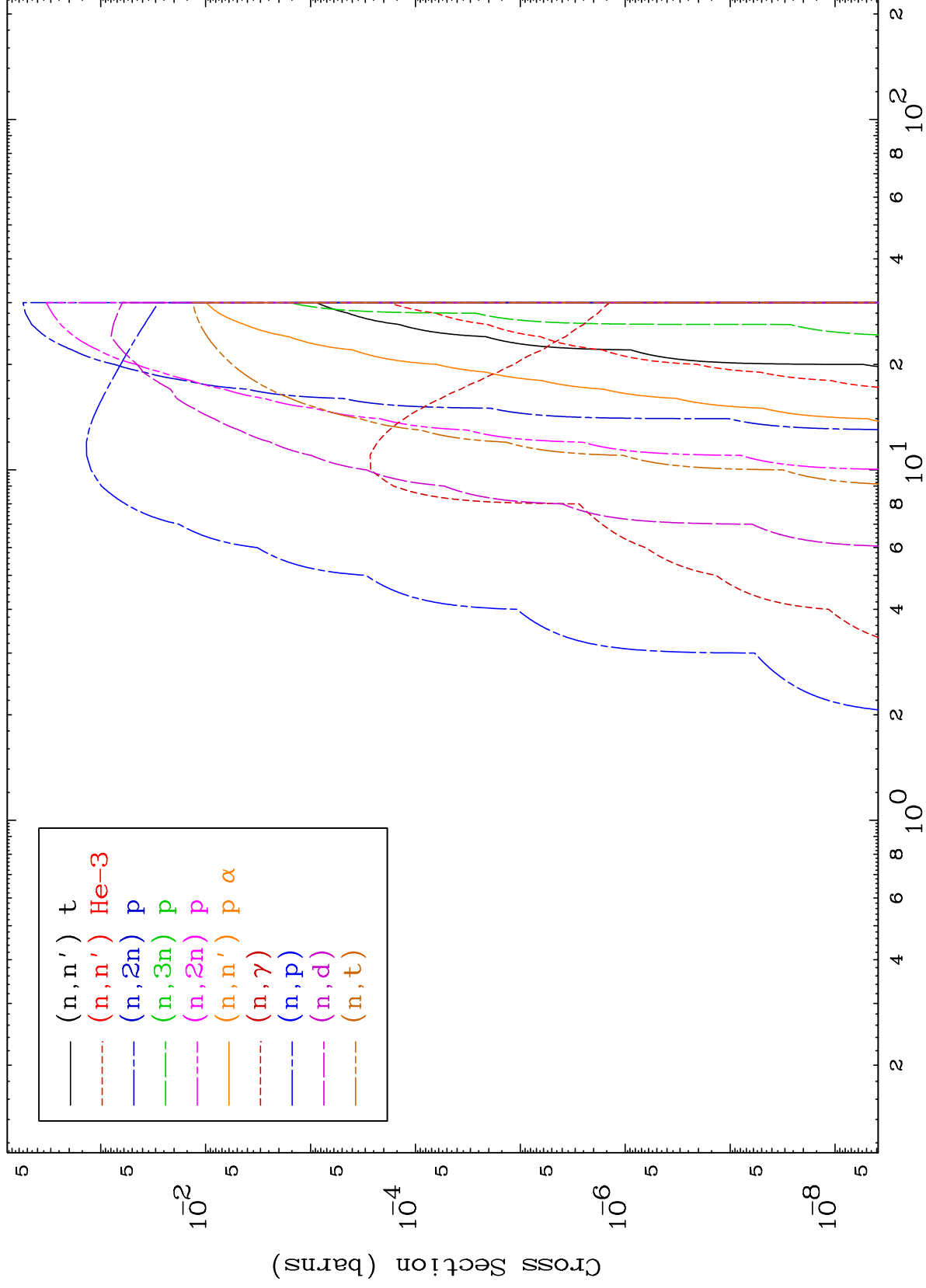
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

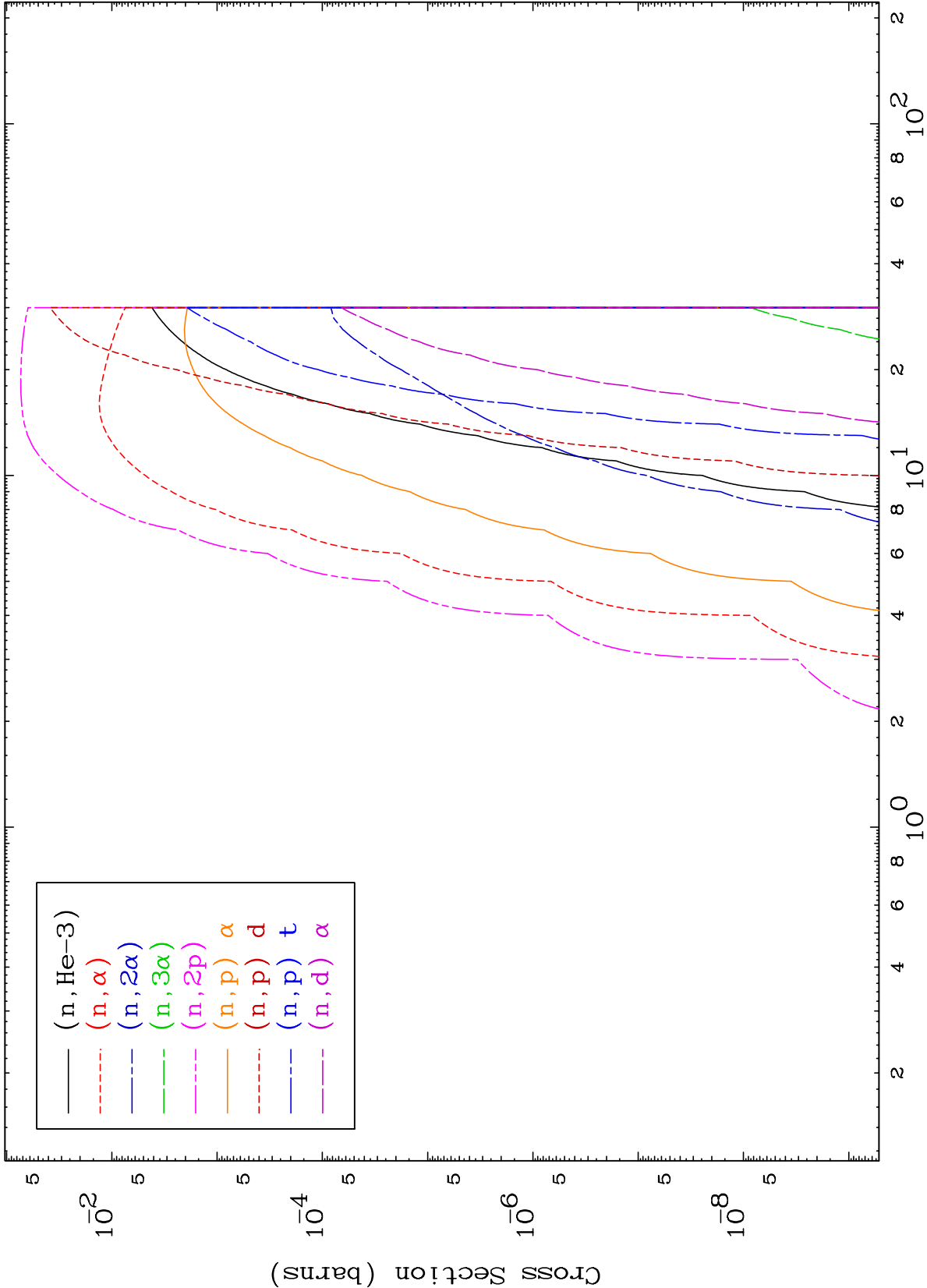
Press Mouse Button to Start

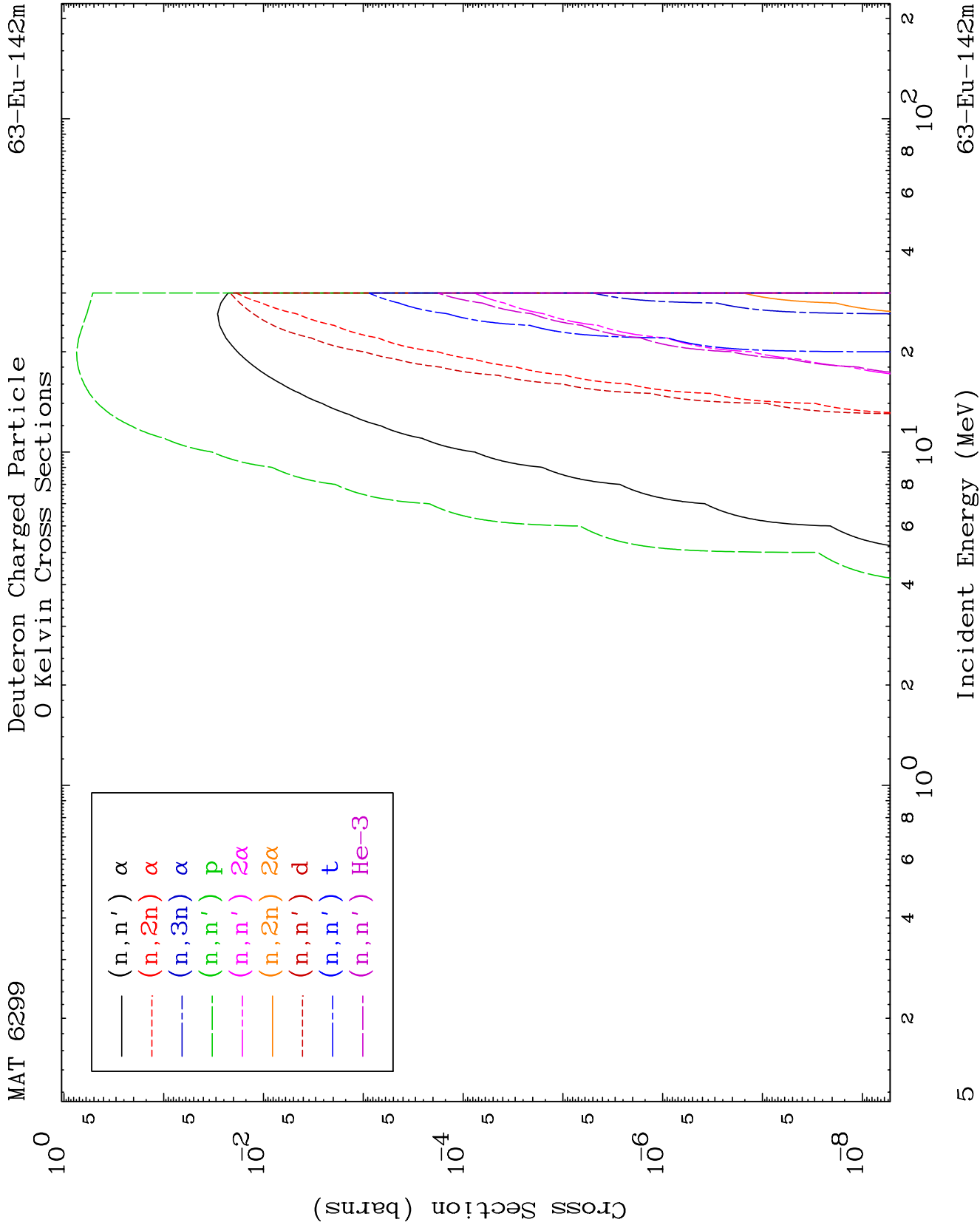
0 Kelvin Cross Sections

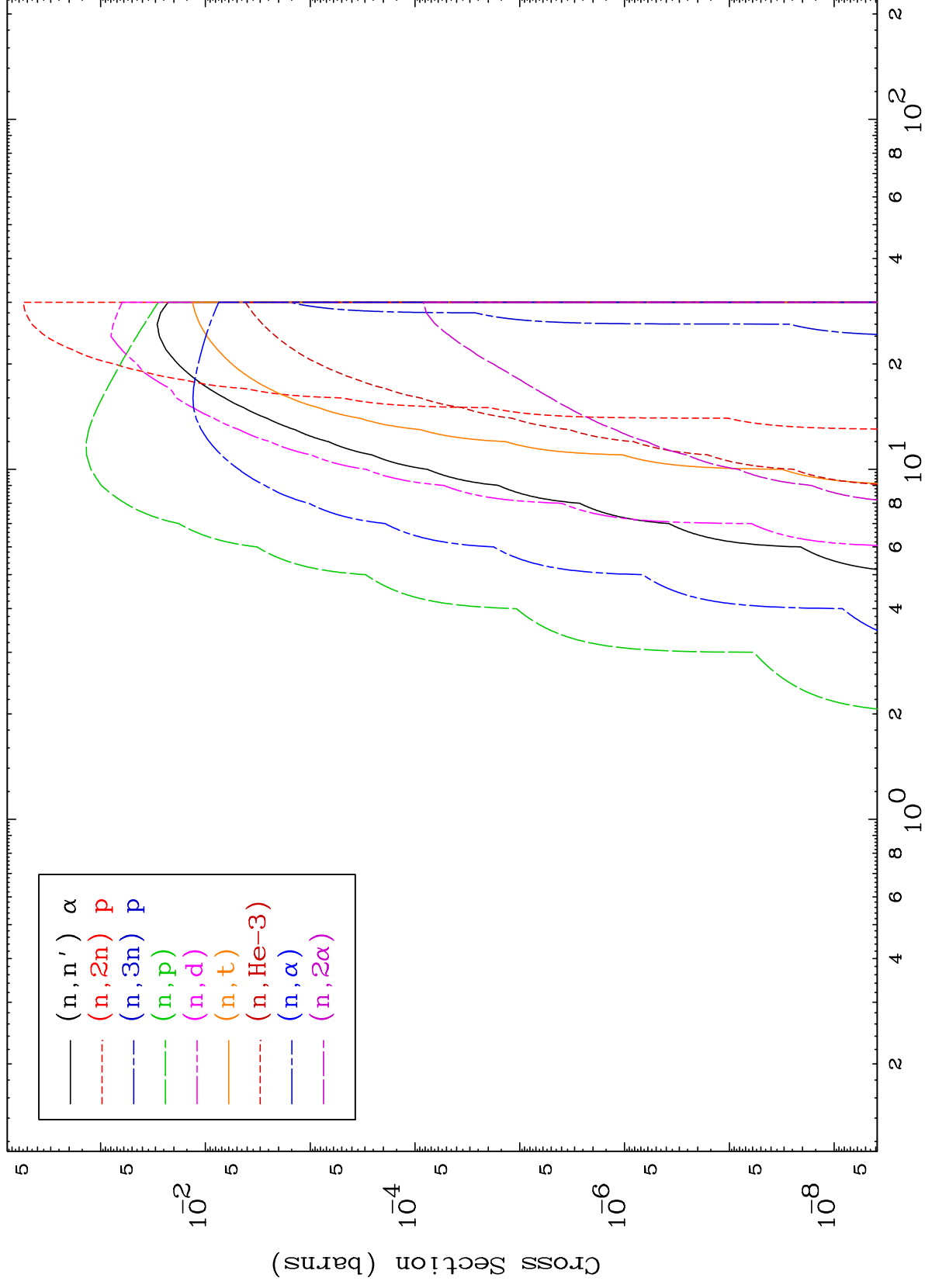


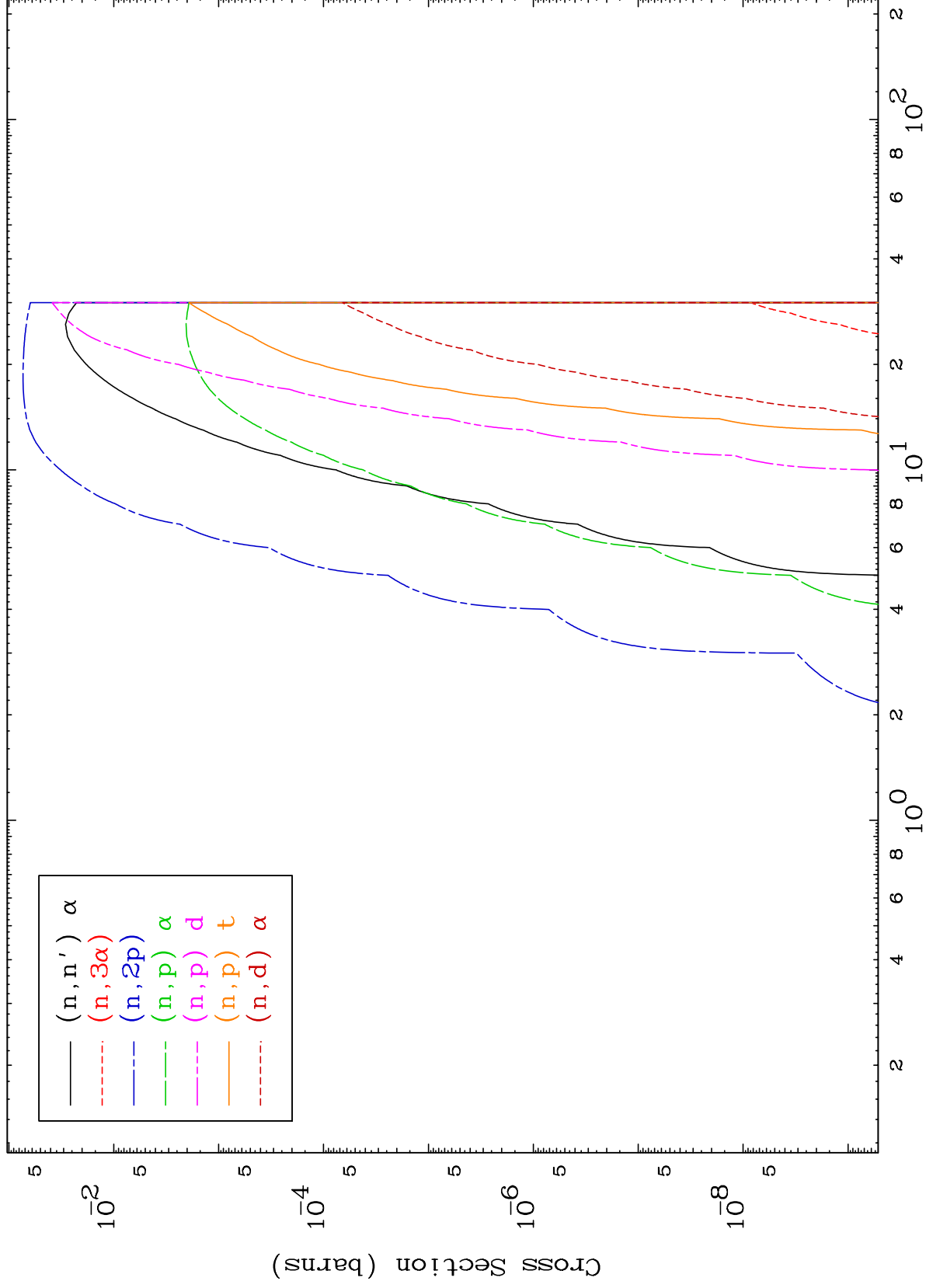










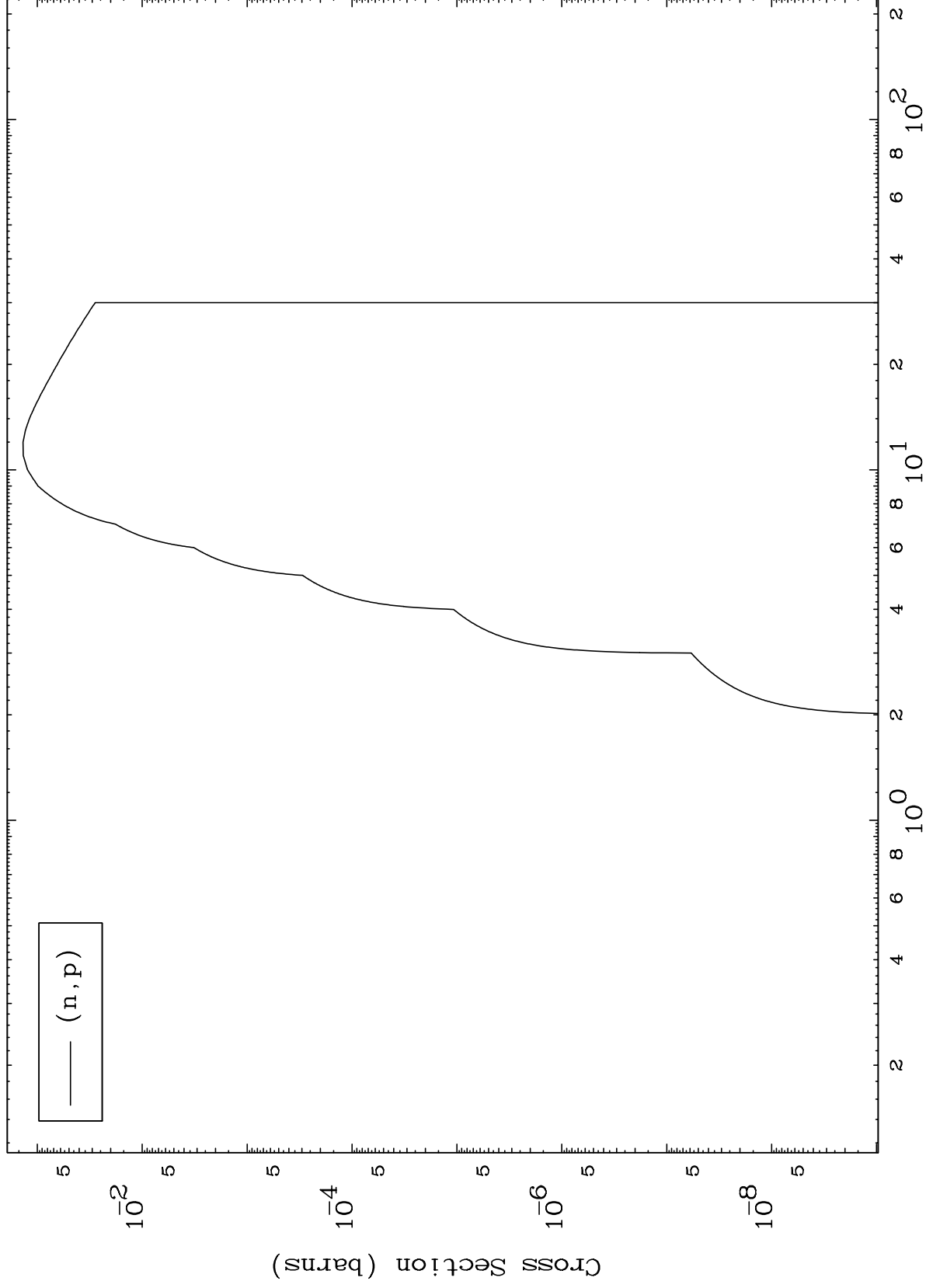


MAT 6299

(d,p) Levels

63-Eu-142m

0 Kelvin Cross Sections

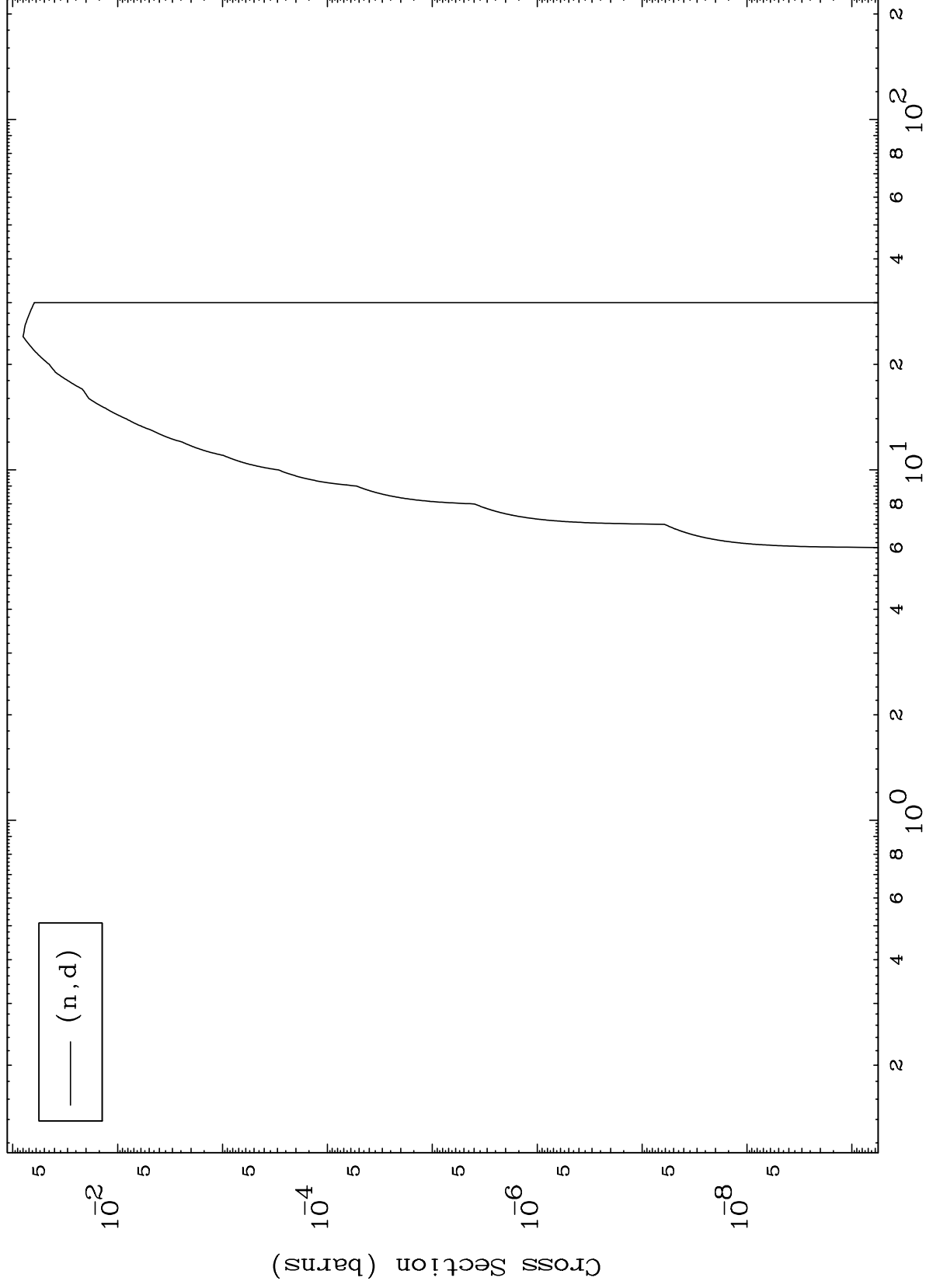


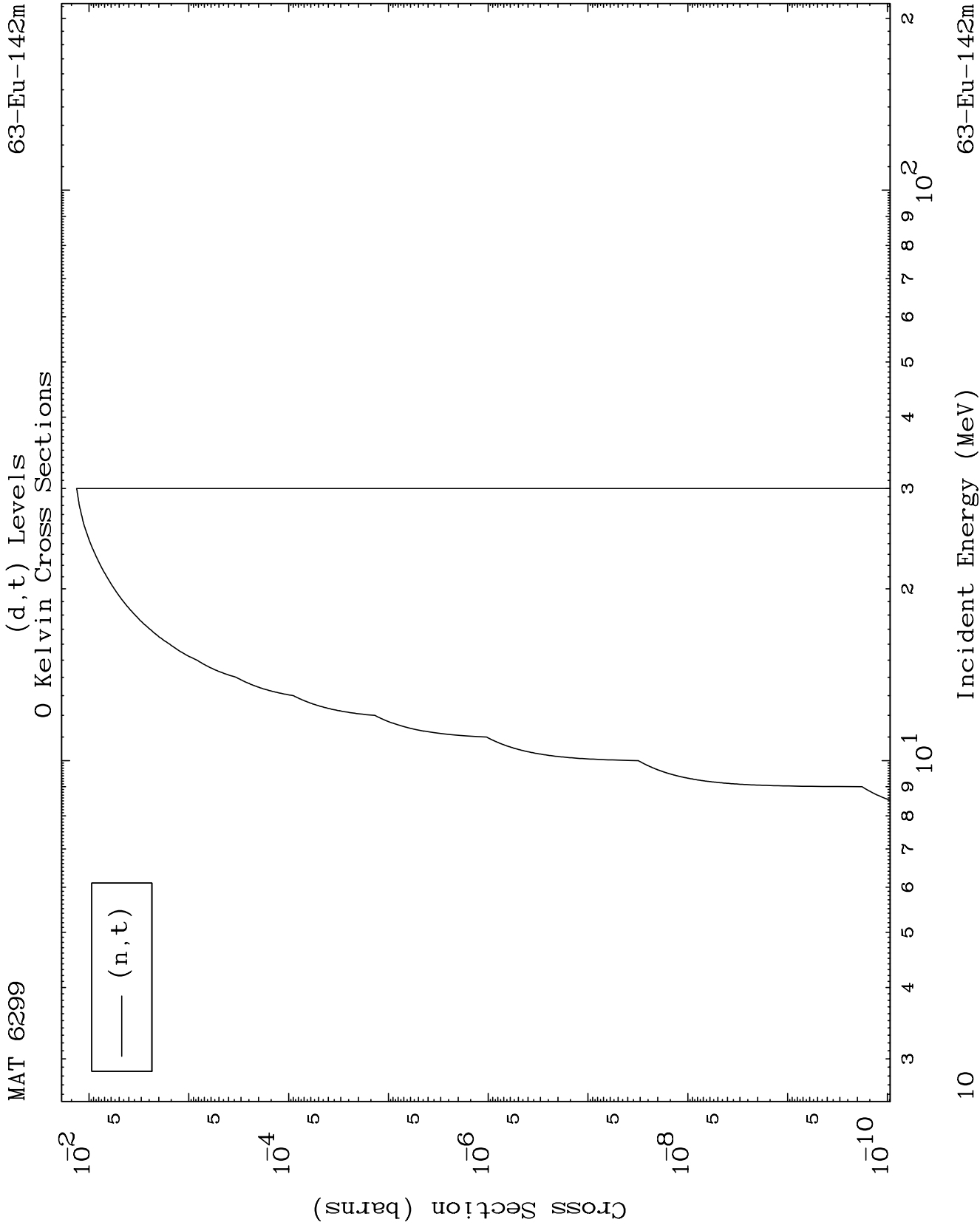
— (n,p)

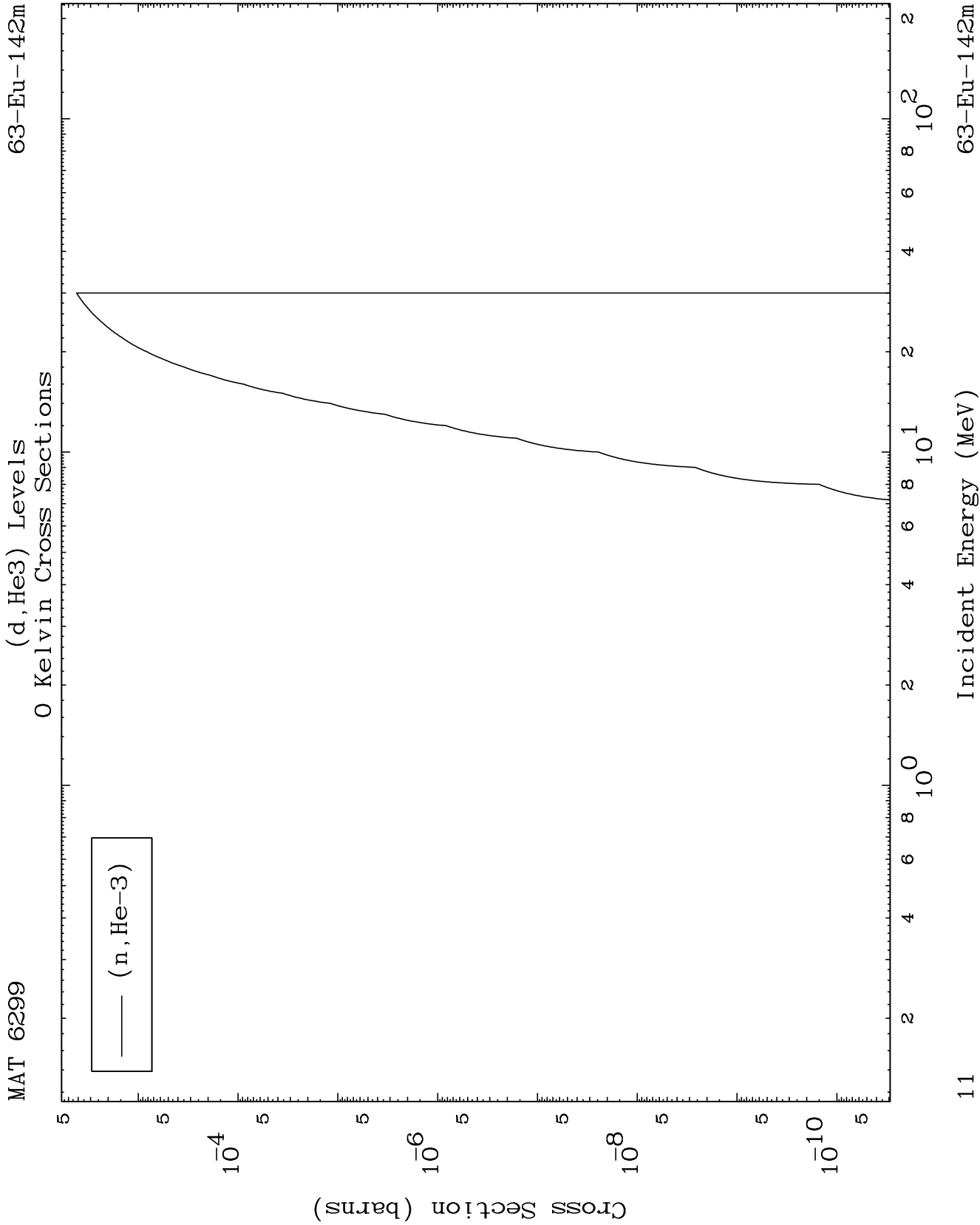
MAT 6299

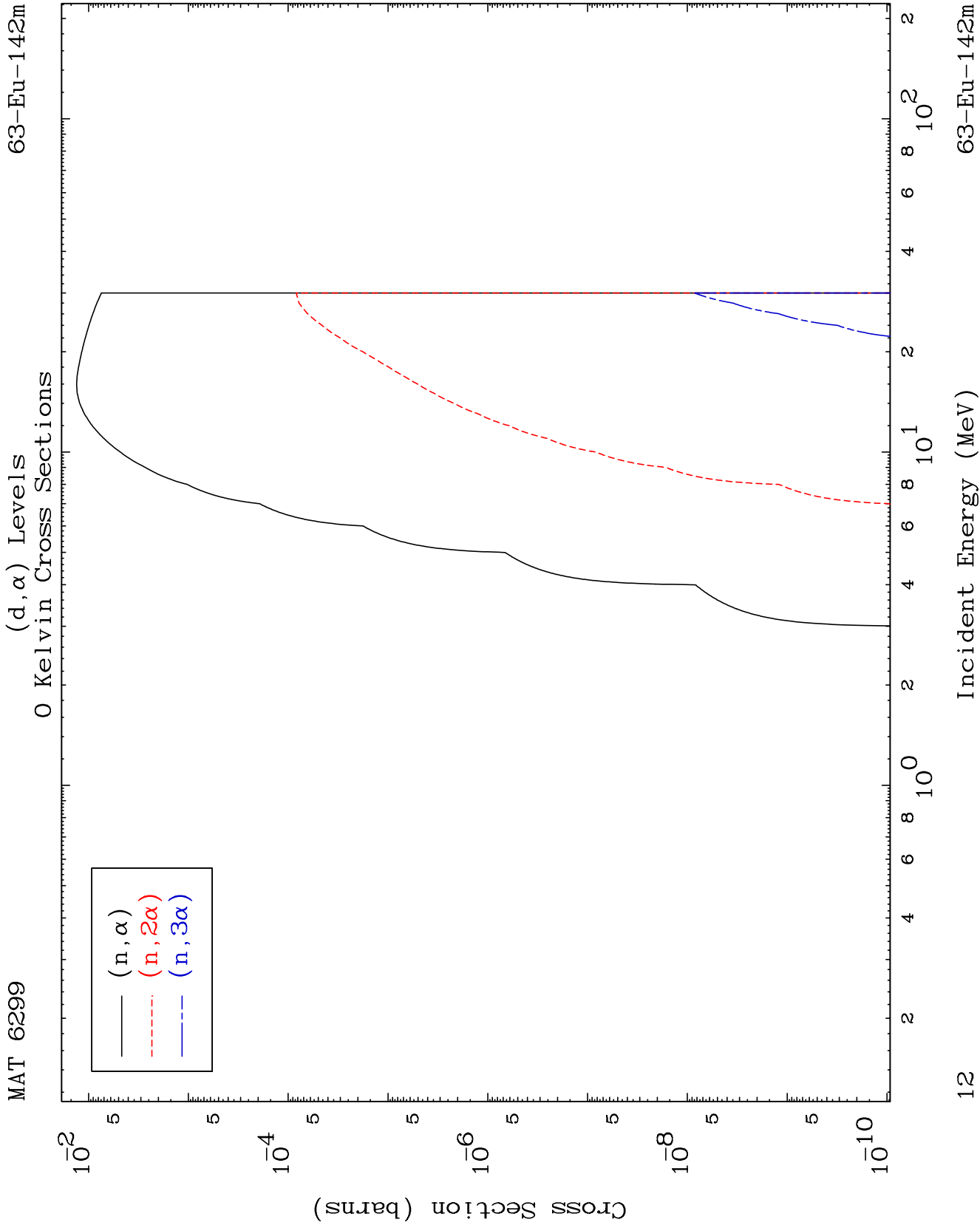
63-Eu-142m

(d,d) Levels
0 Kelvin Cross Sections





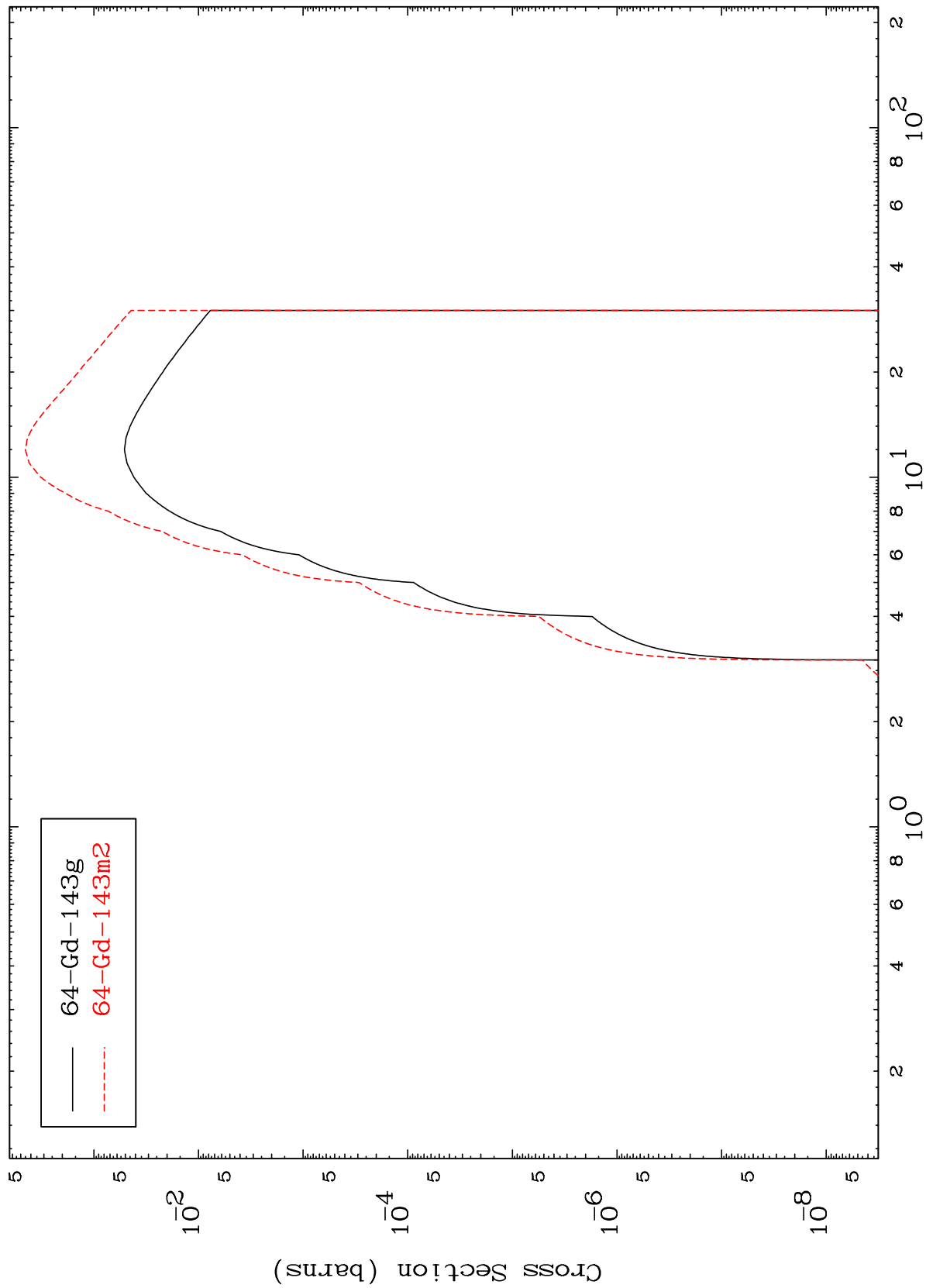




MAT 6299

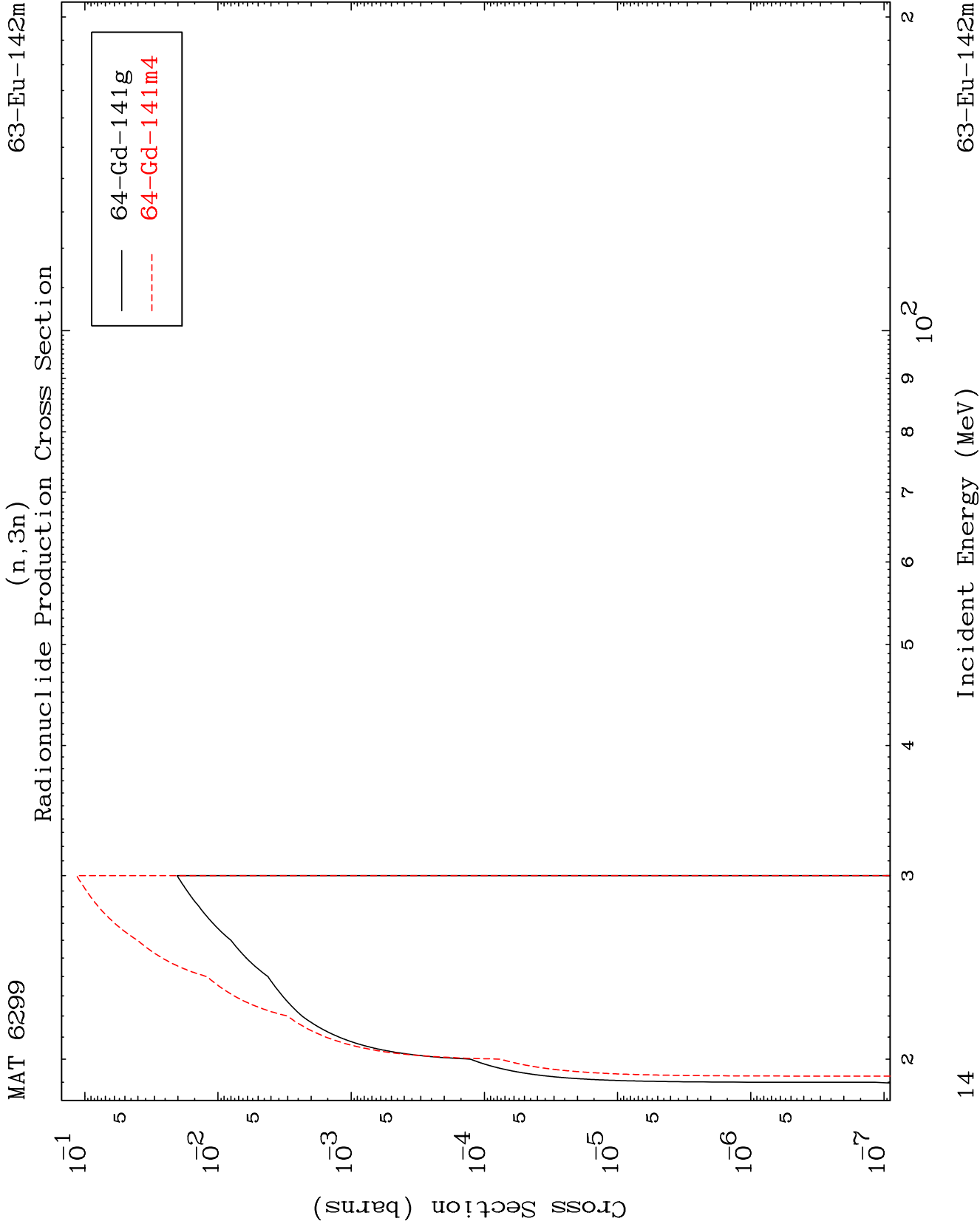
63-Eu-142m

Inelastic
Radionuclide Production Cross Section



13

63-Eu-142m

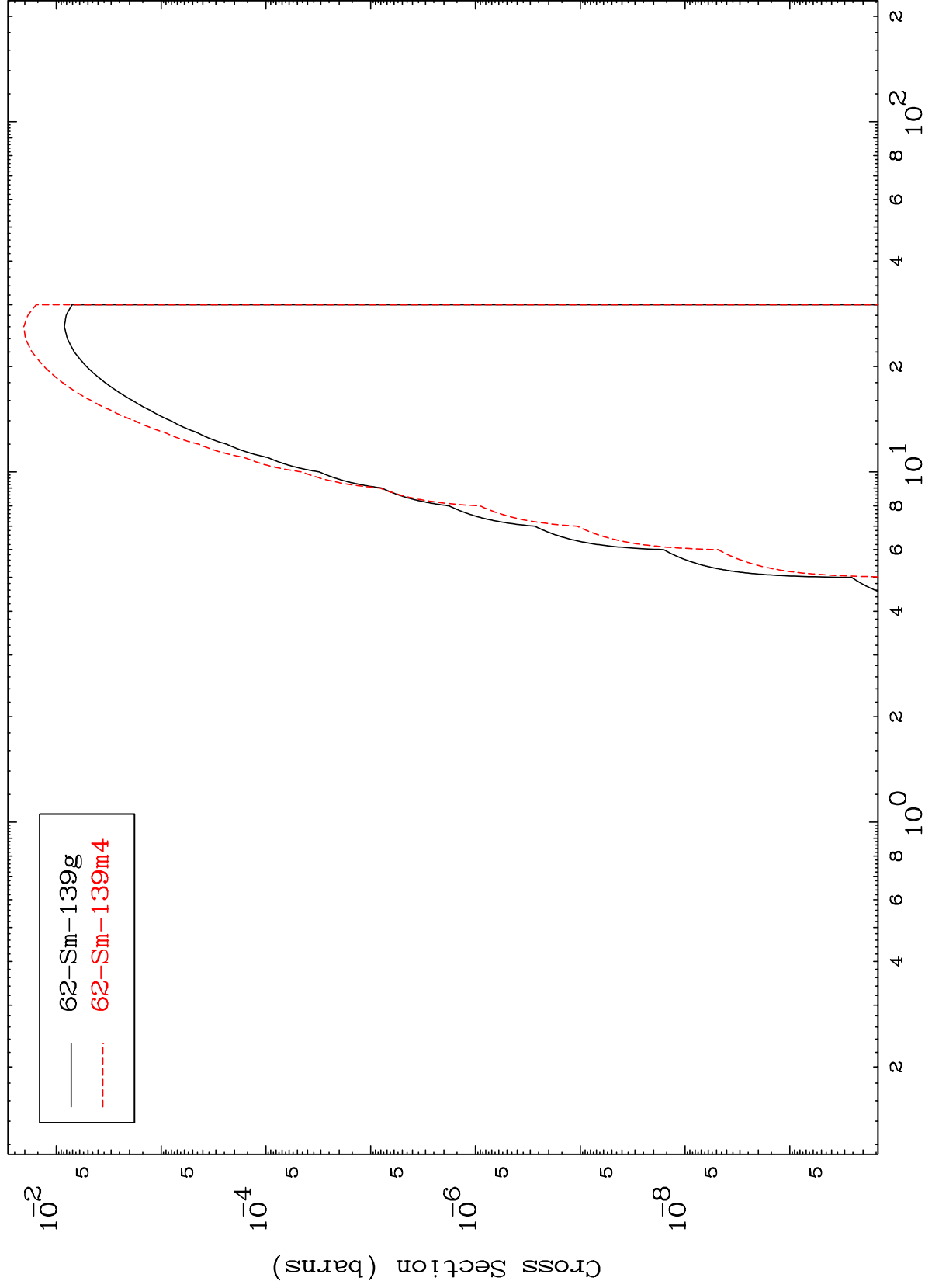


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$(n,n') \alpha$

63-Eu-142m

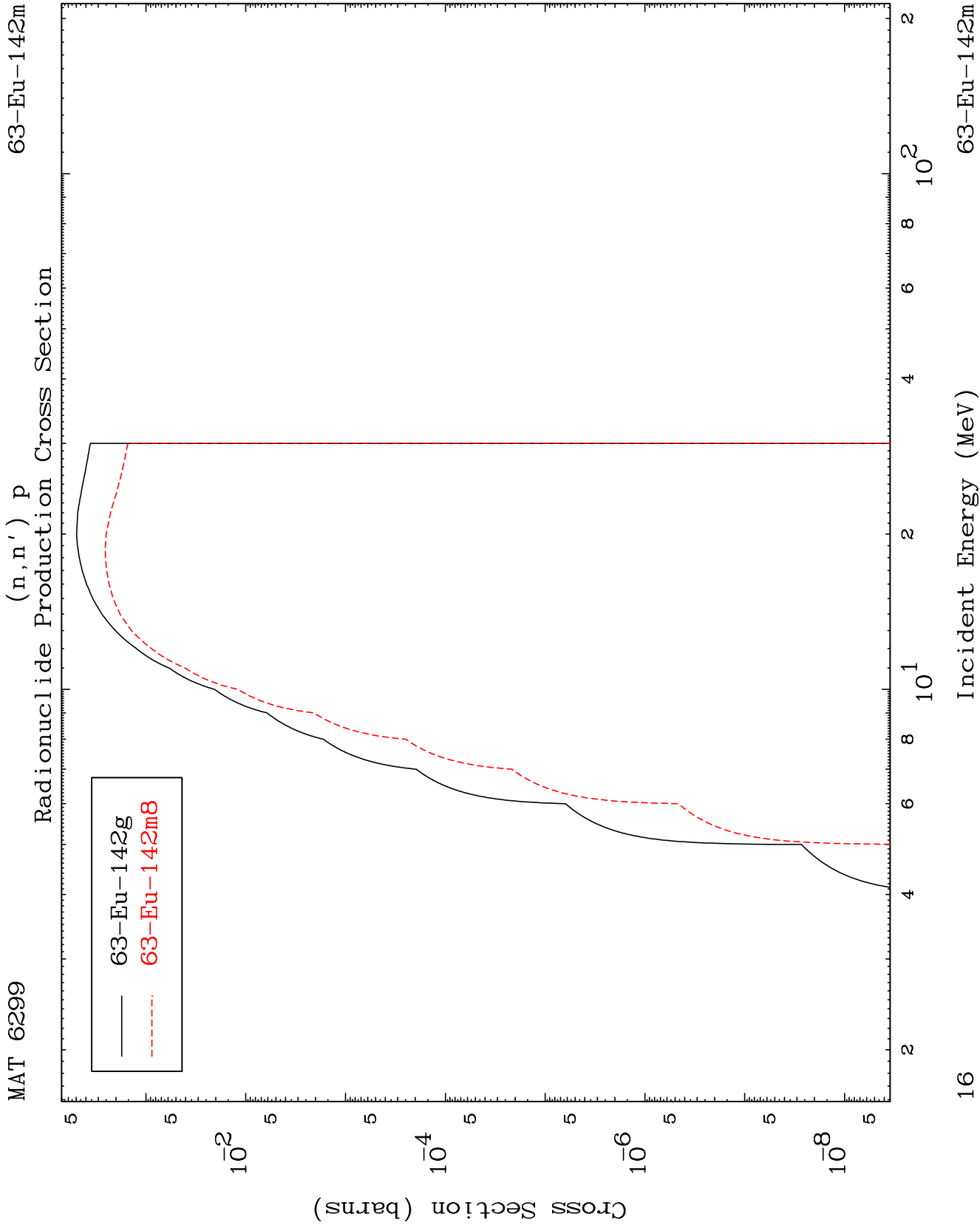
Radionuclide Production Cross Section



15

Incident Energy (MeV)

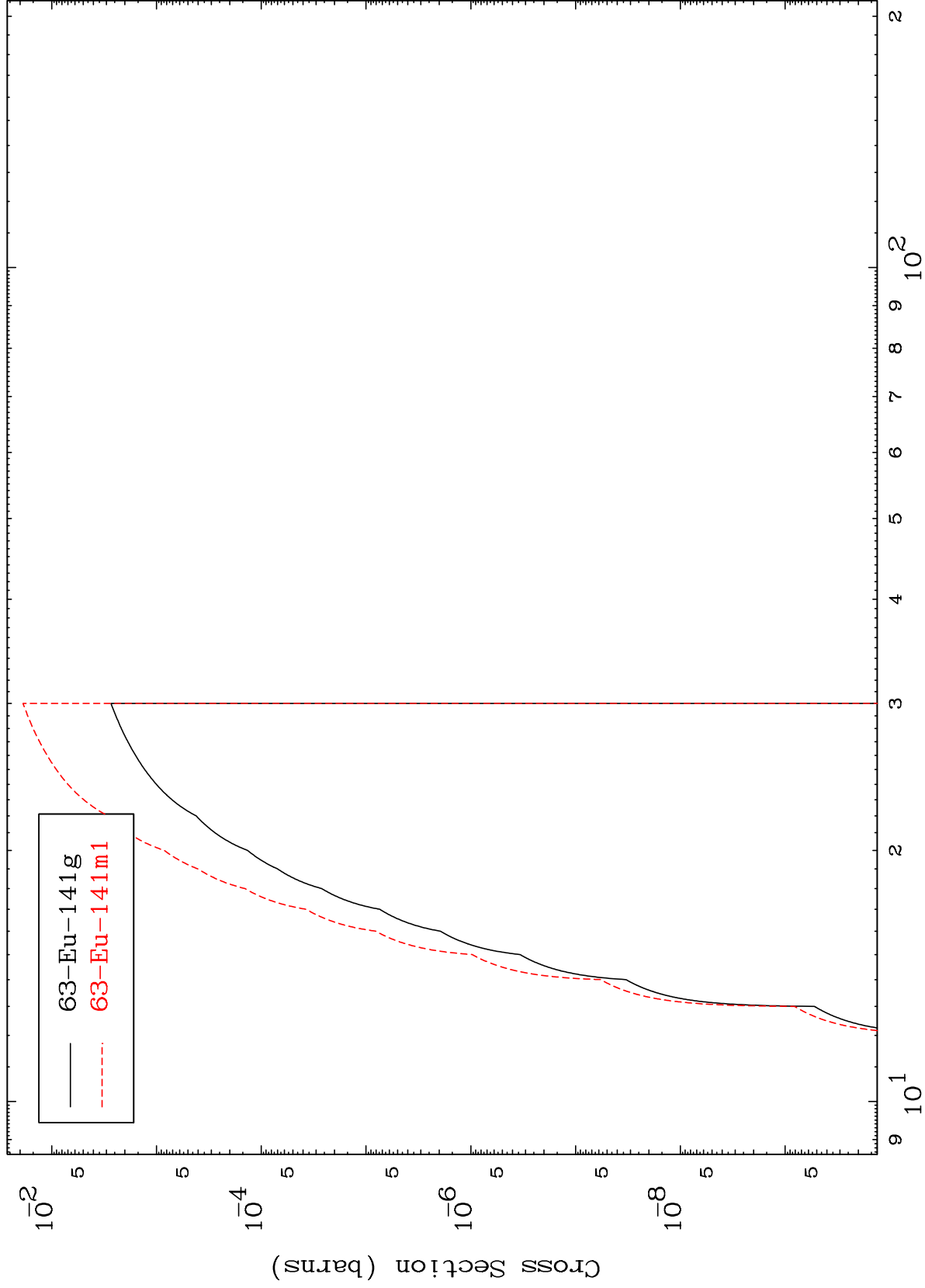
63-Eu-142m



MAT 6299

63-Eu-142m

(n,n') d
Radionuclide Production Cross Section



63-Eu-142m

Incident Energy (MeV)

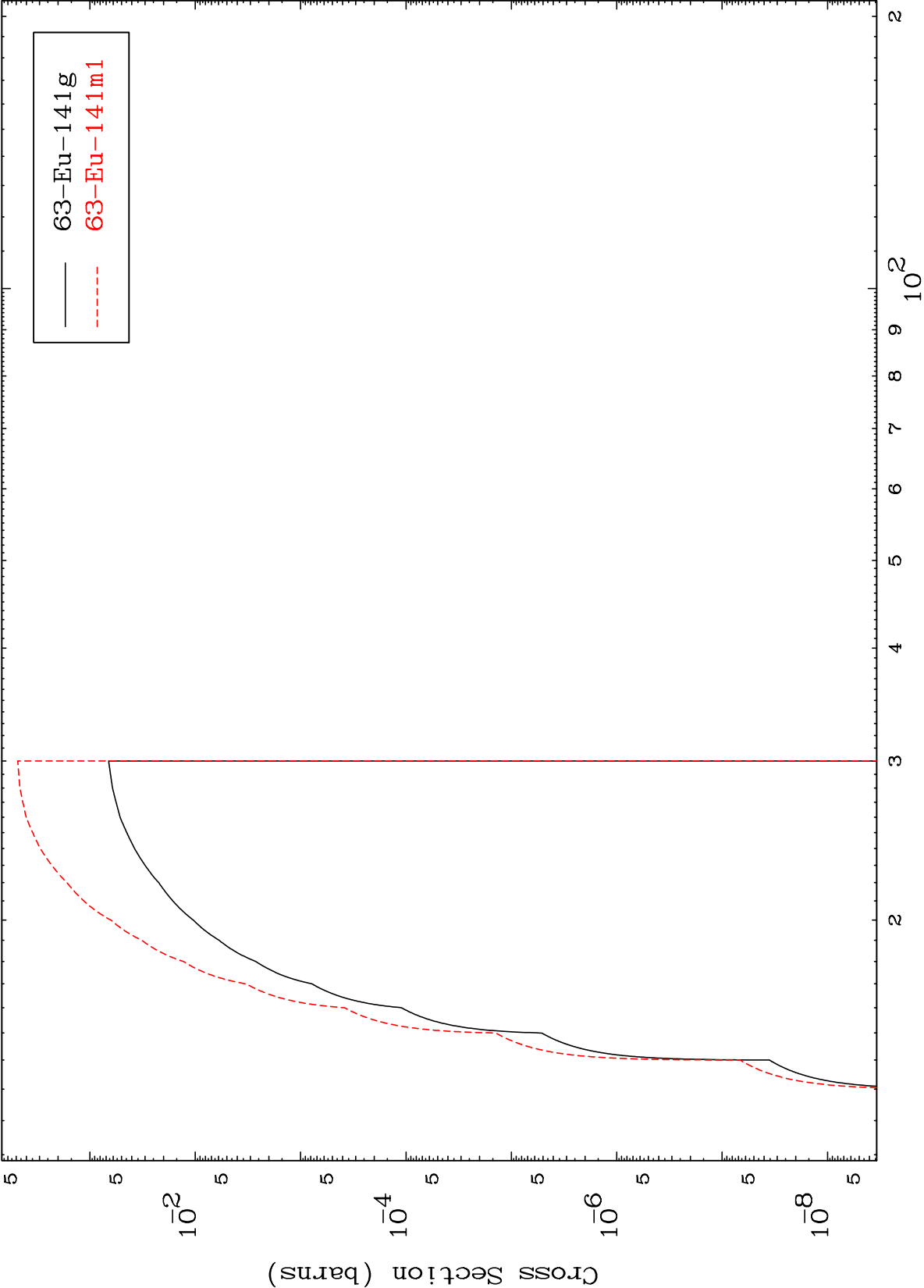
17

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(n,2n) p

63-Eu-142m

Radionuclide Production Cross Section



18

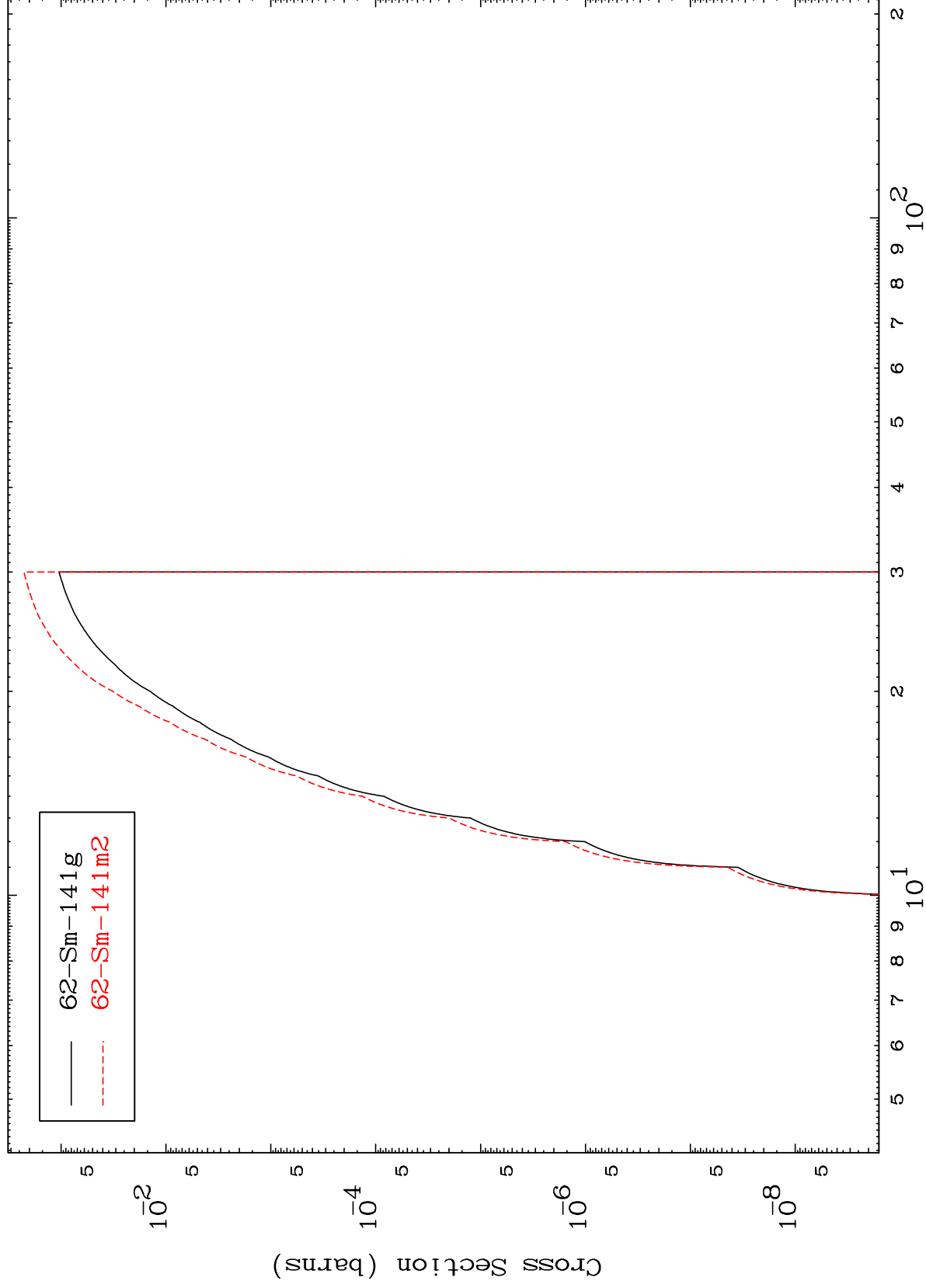
Incident Energy (MeV)

63-Eu-142m

MAT 6299

63-Eu-142m

(n,2n) p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

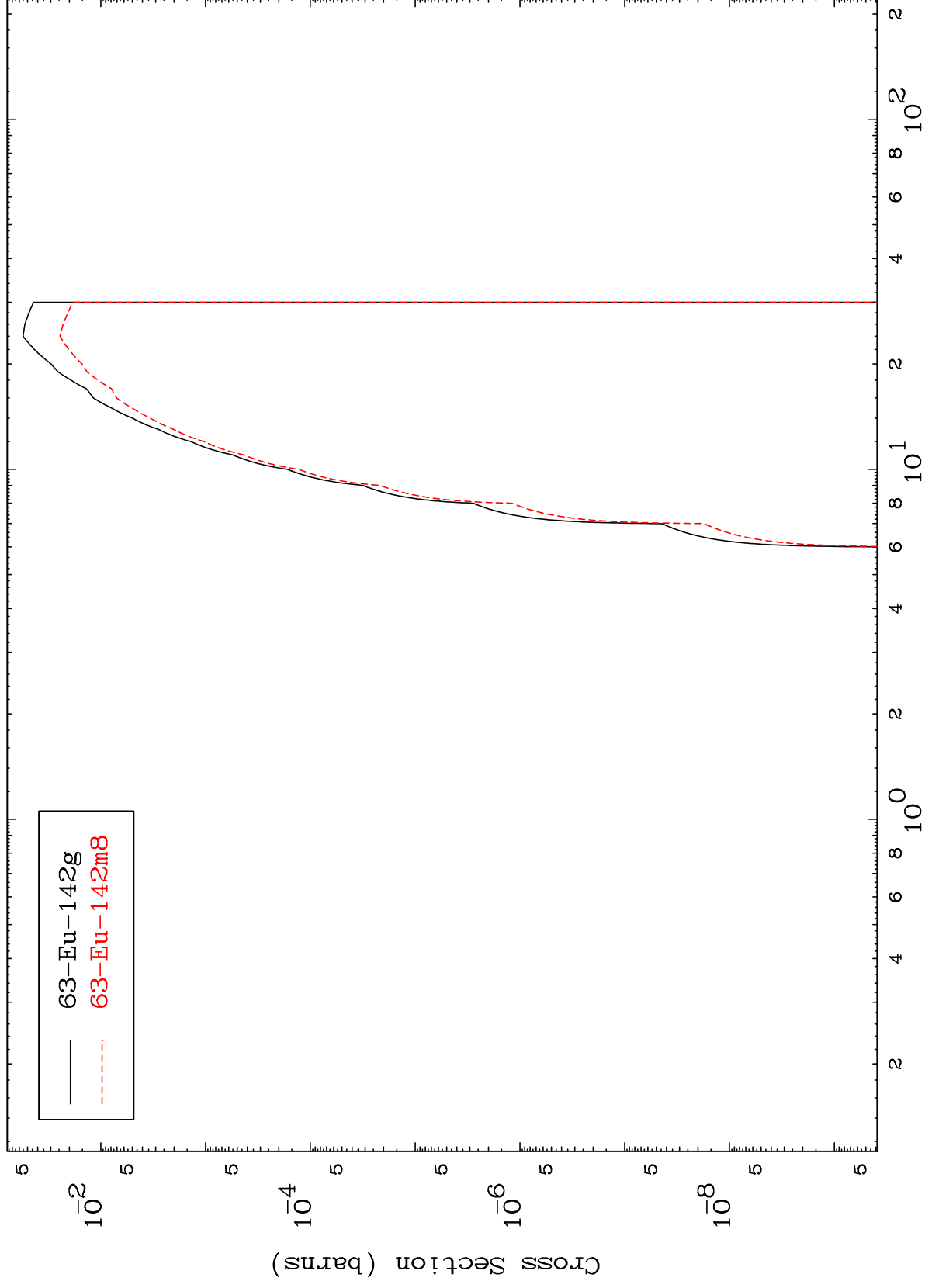
63-Eu-142m

MAT 6299

(n,d)

63-Eu-142m

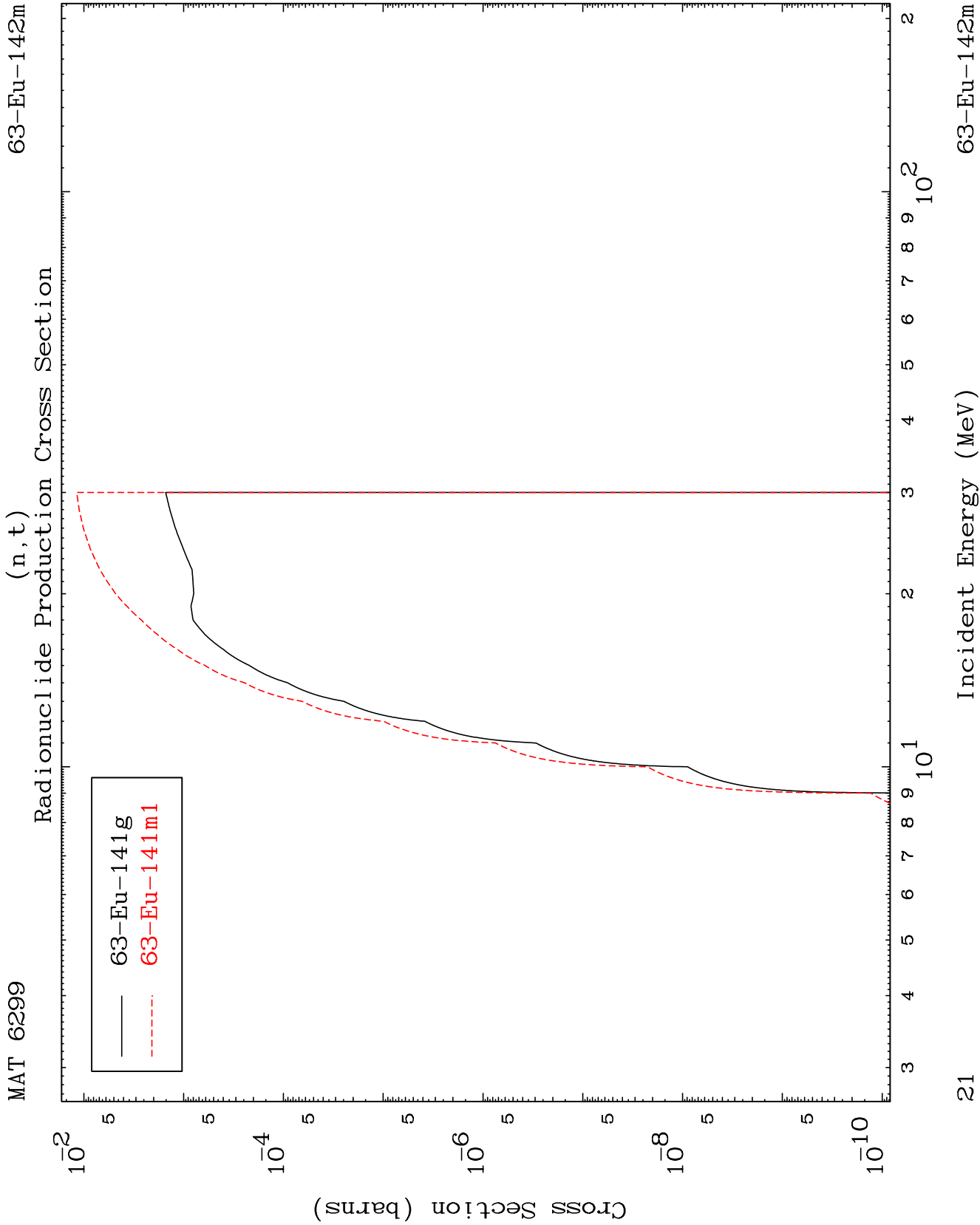
Radionuclide Production Cross Section



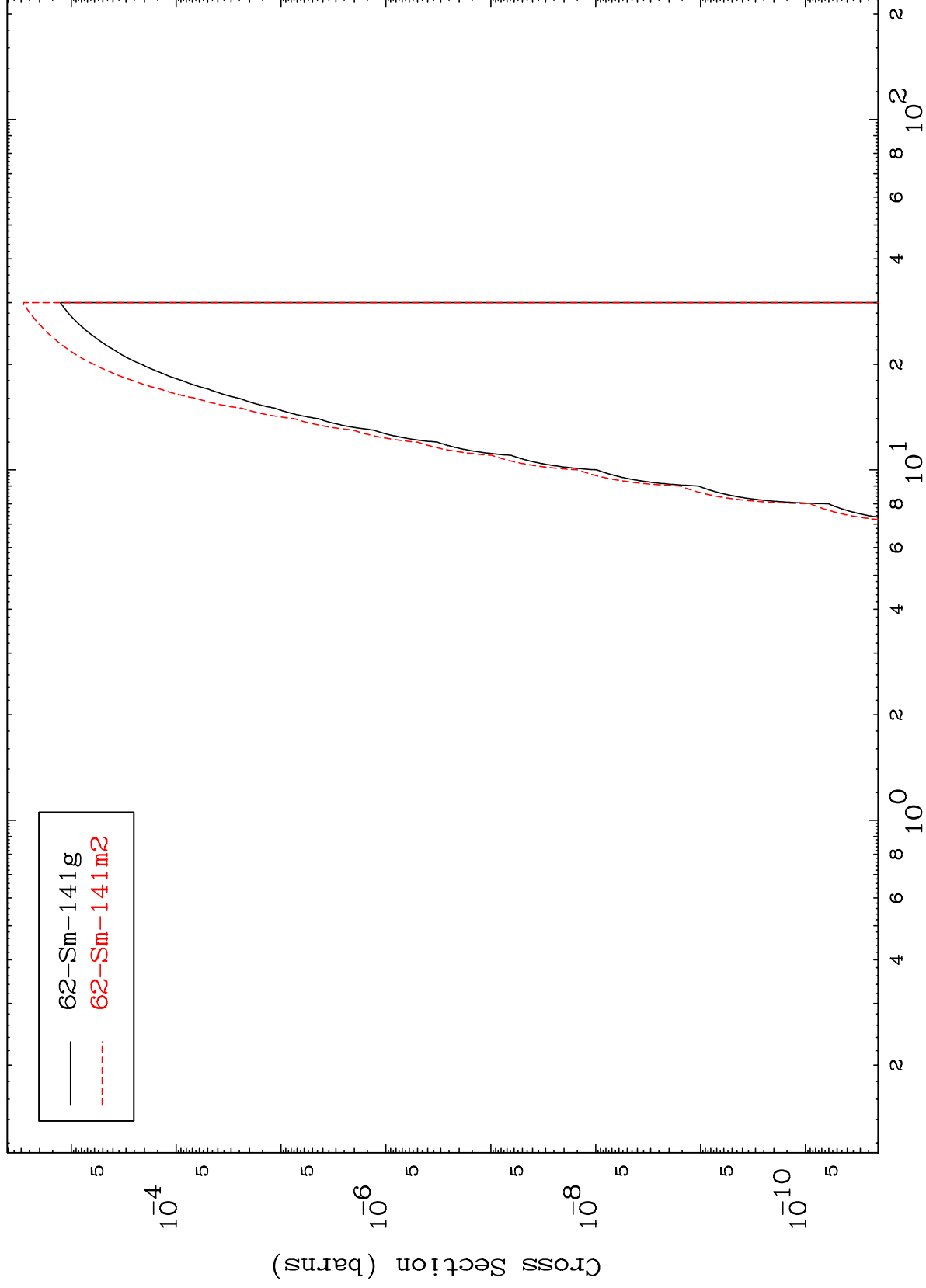
20

Incident Energy (MeV)

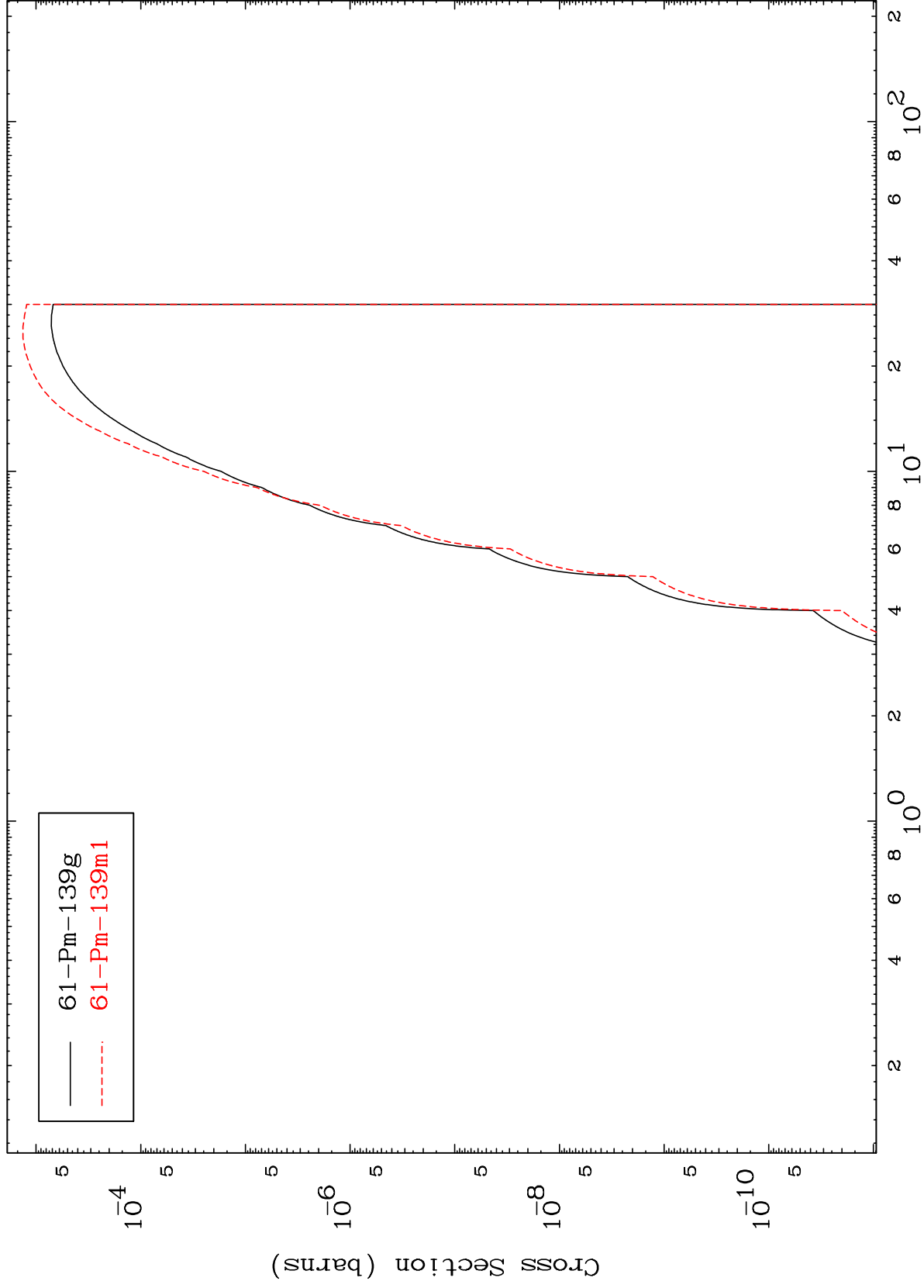
63-Eu-142m



Radionuclide Production Cross Section
(n,He-3)



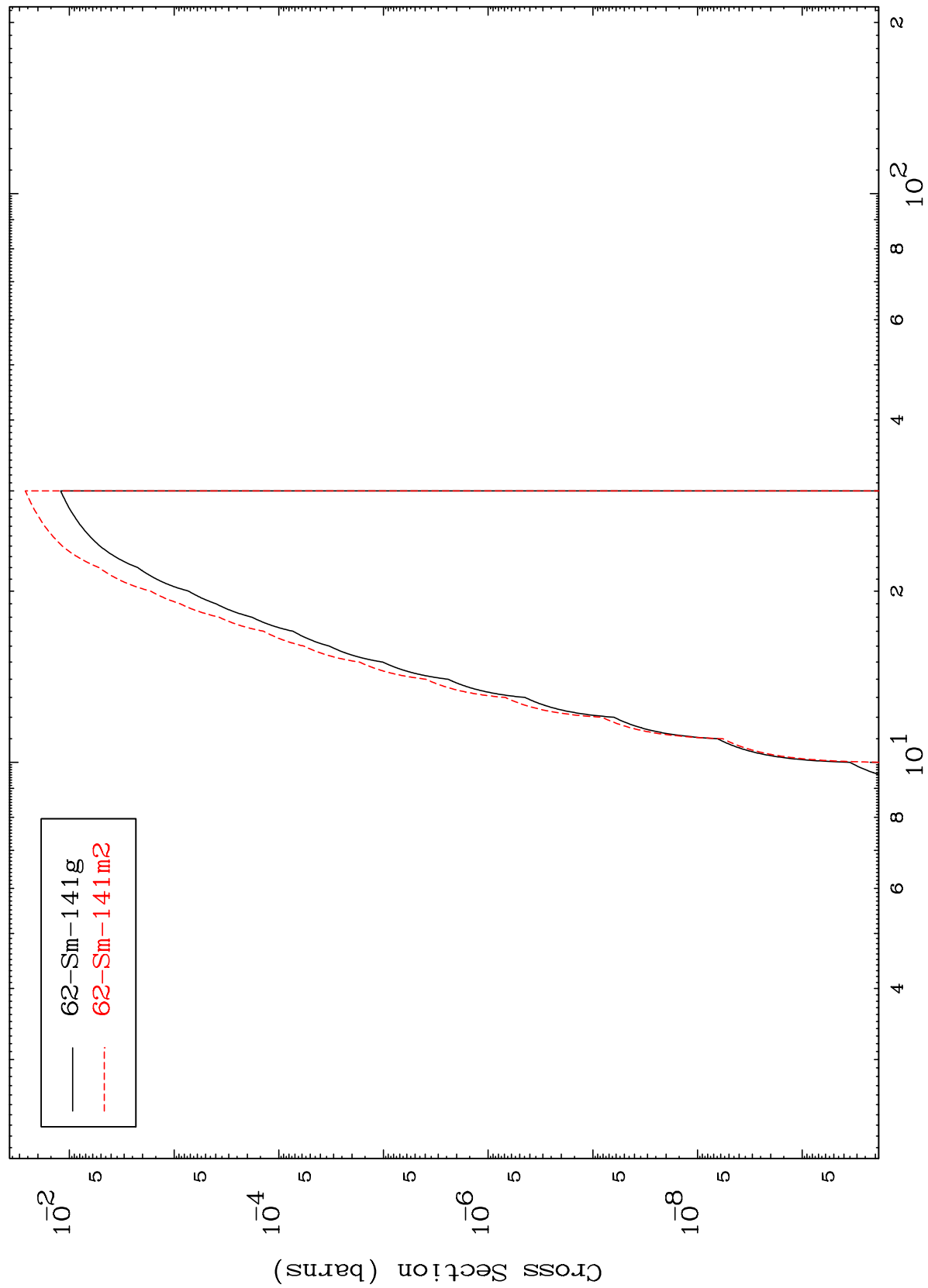
Radionuclide Production Cross Section
(n,p) α



MAT 6299

63-Eu-142m

(n,p) d
Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-142m