

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

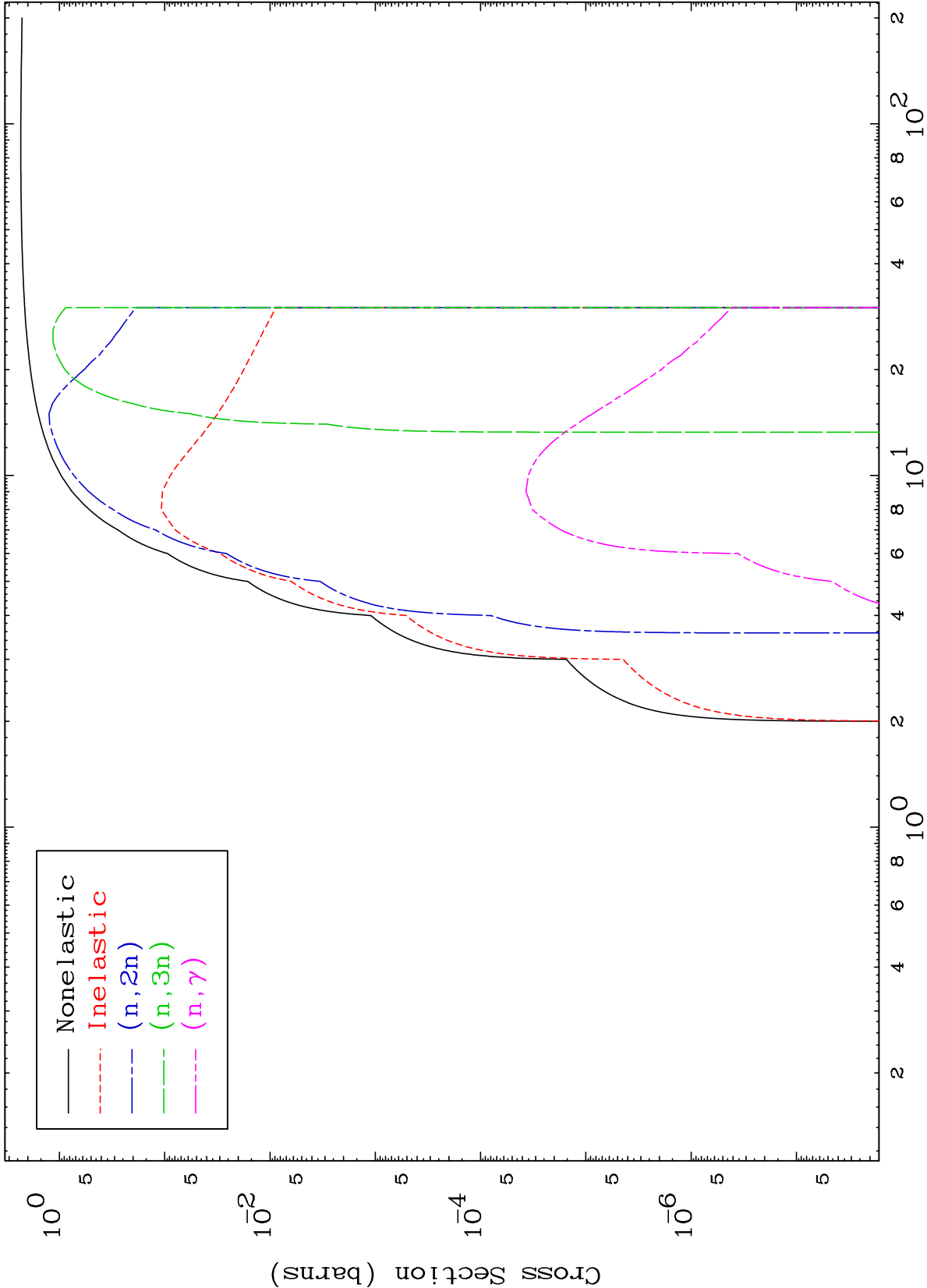
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

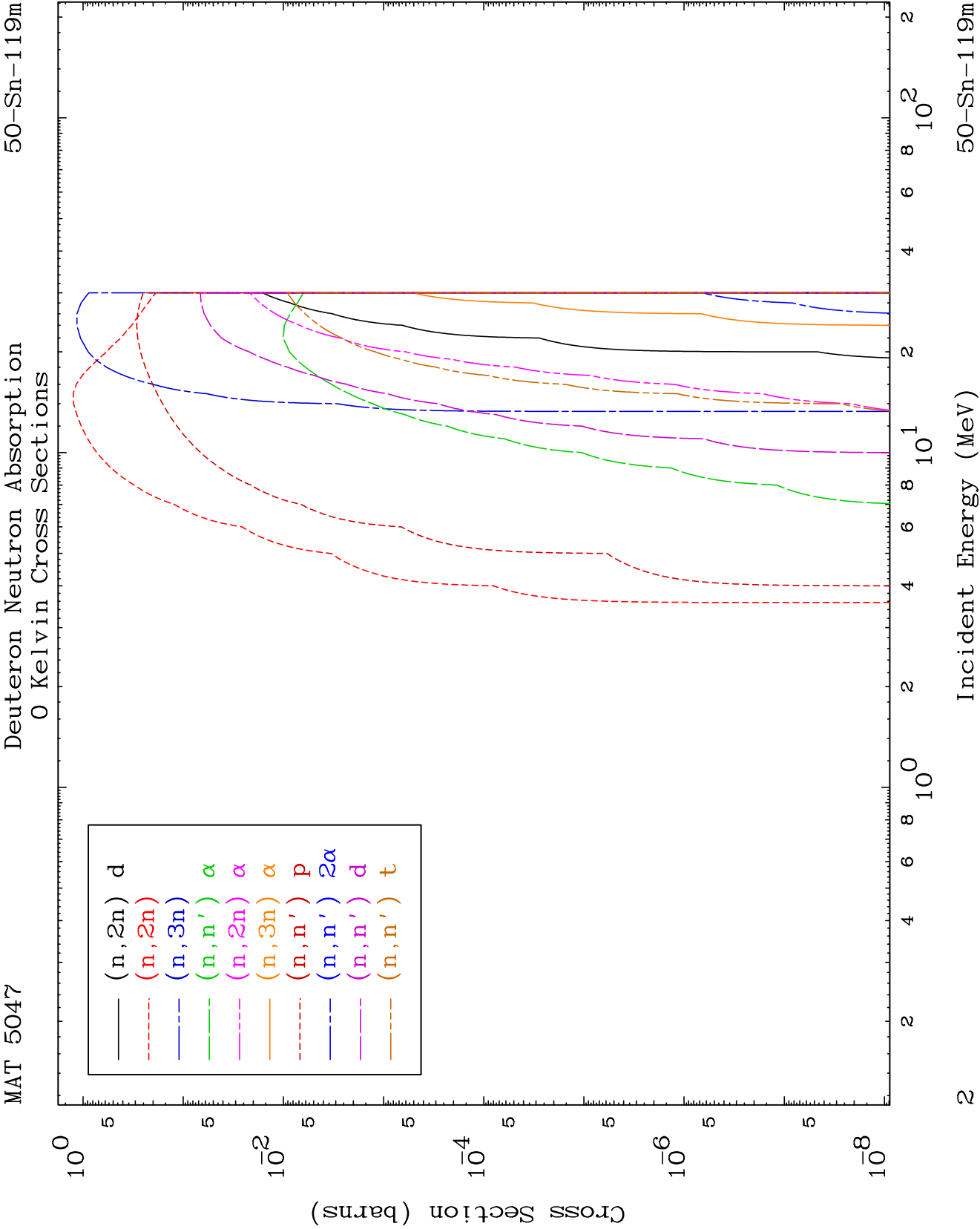
Tele: 925-443-1911

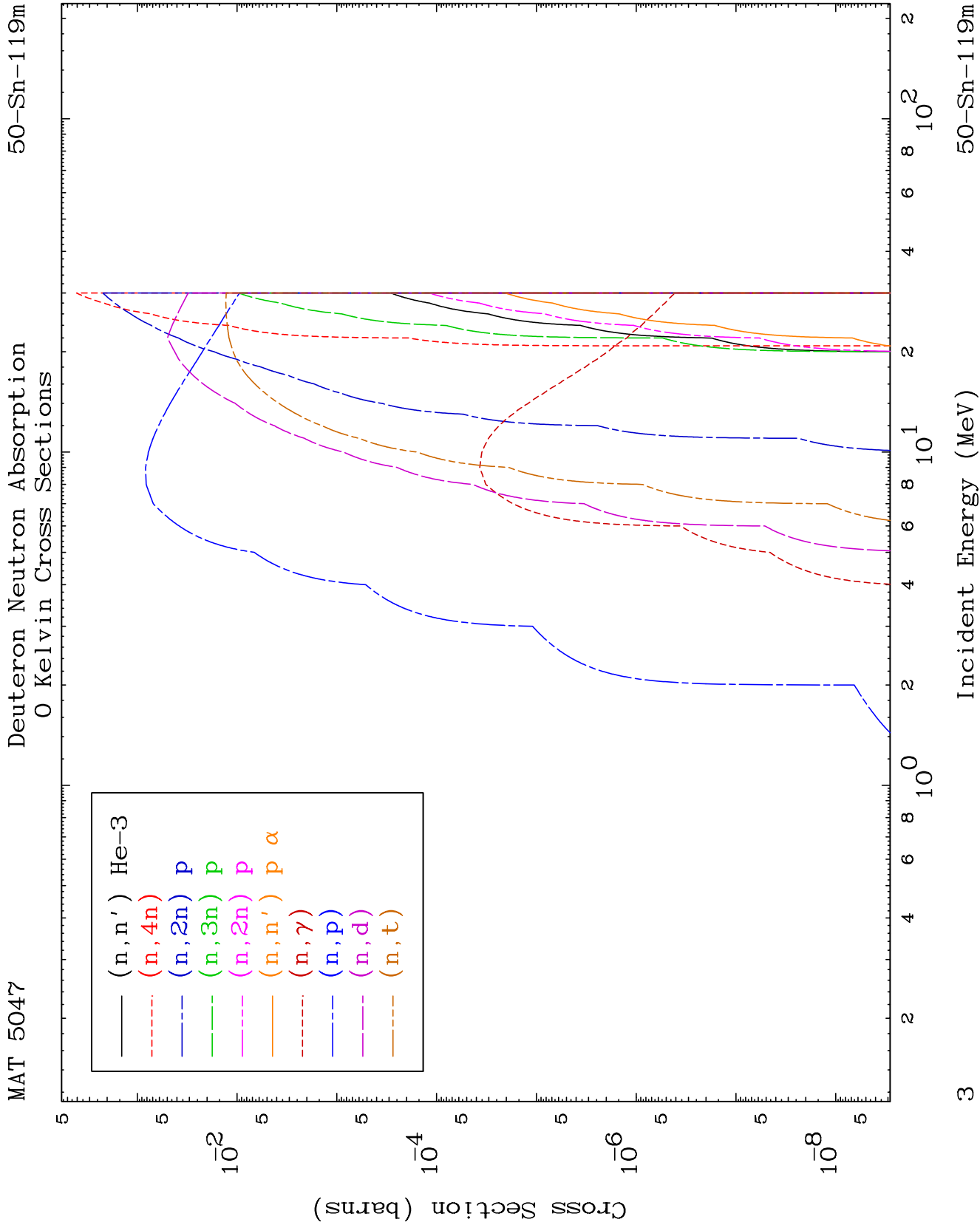
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

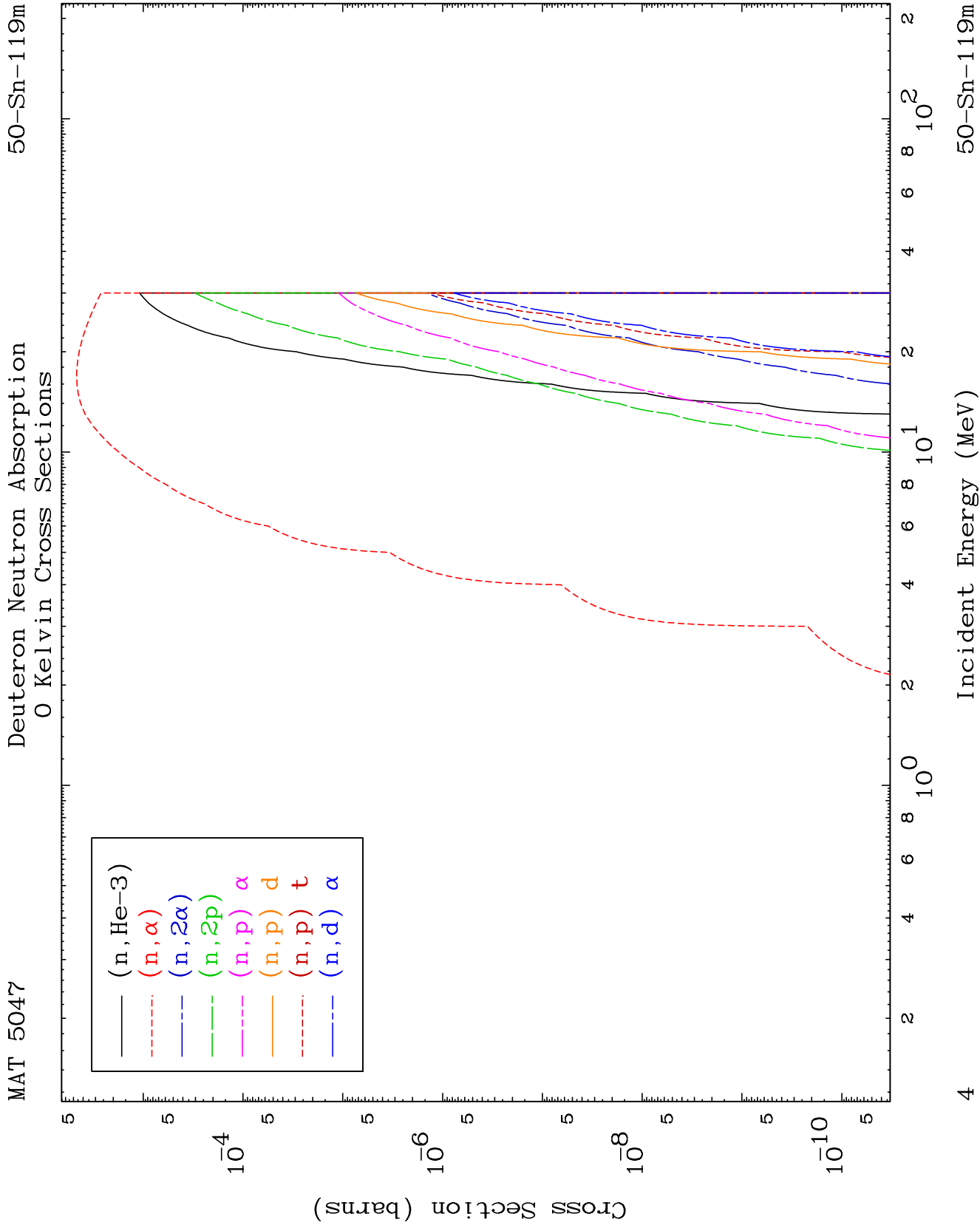
Press Mouse Button to Start

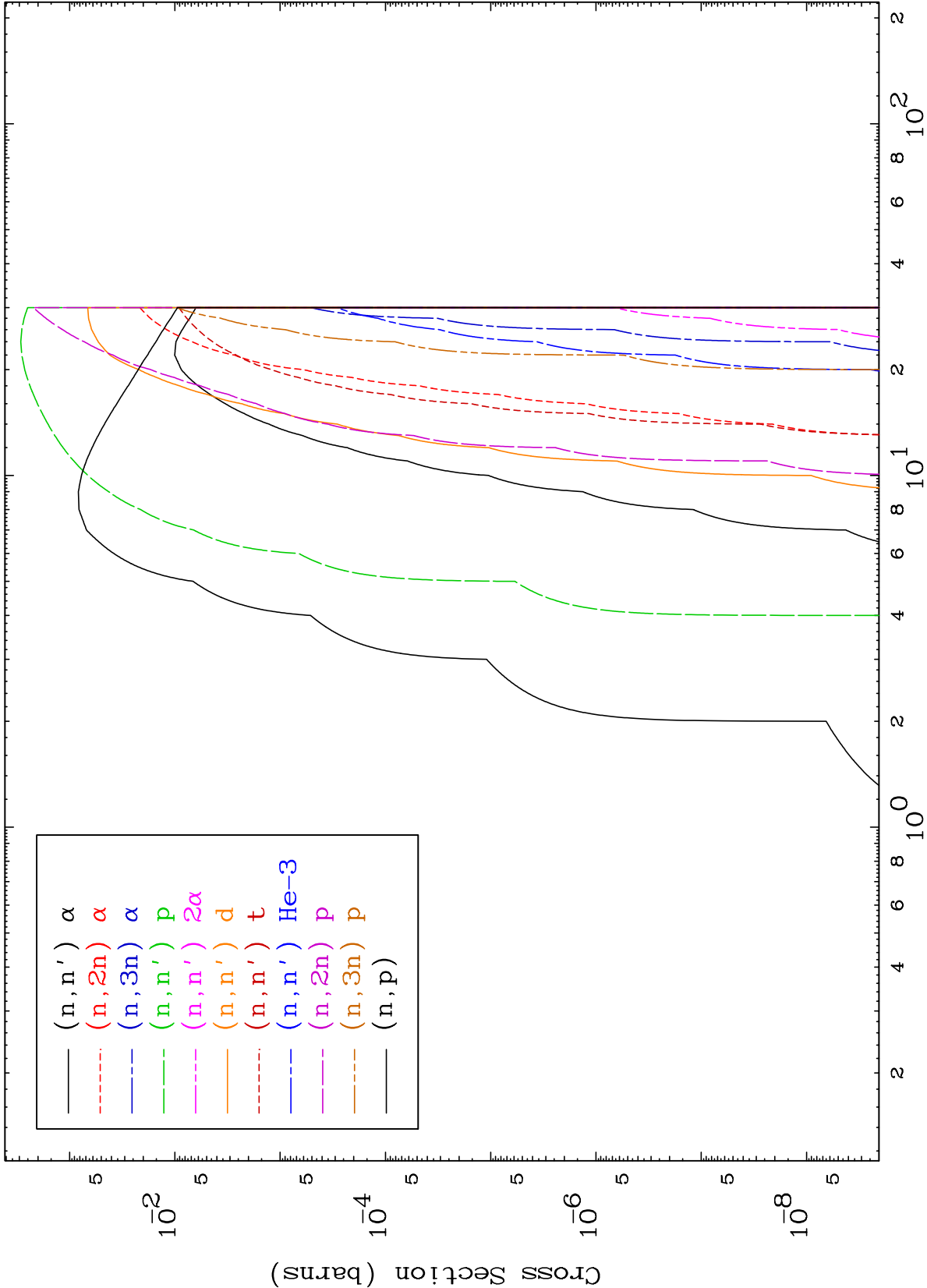
0 Kelvin Cross Sections

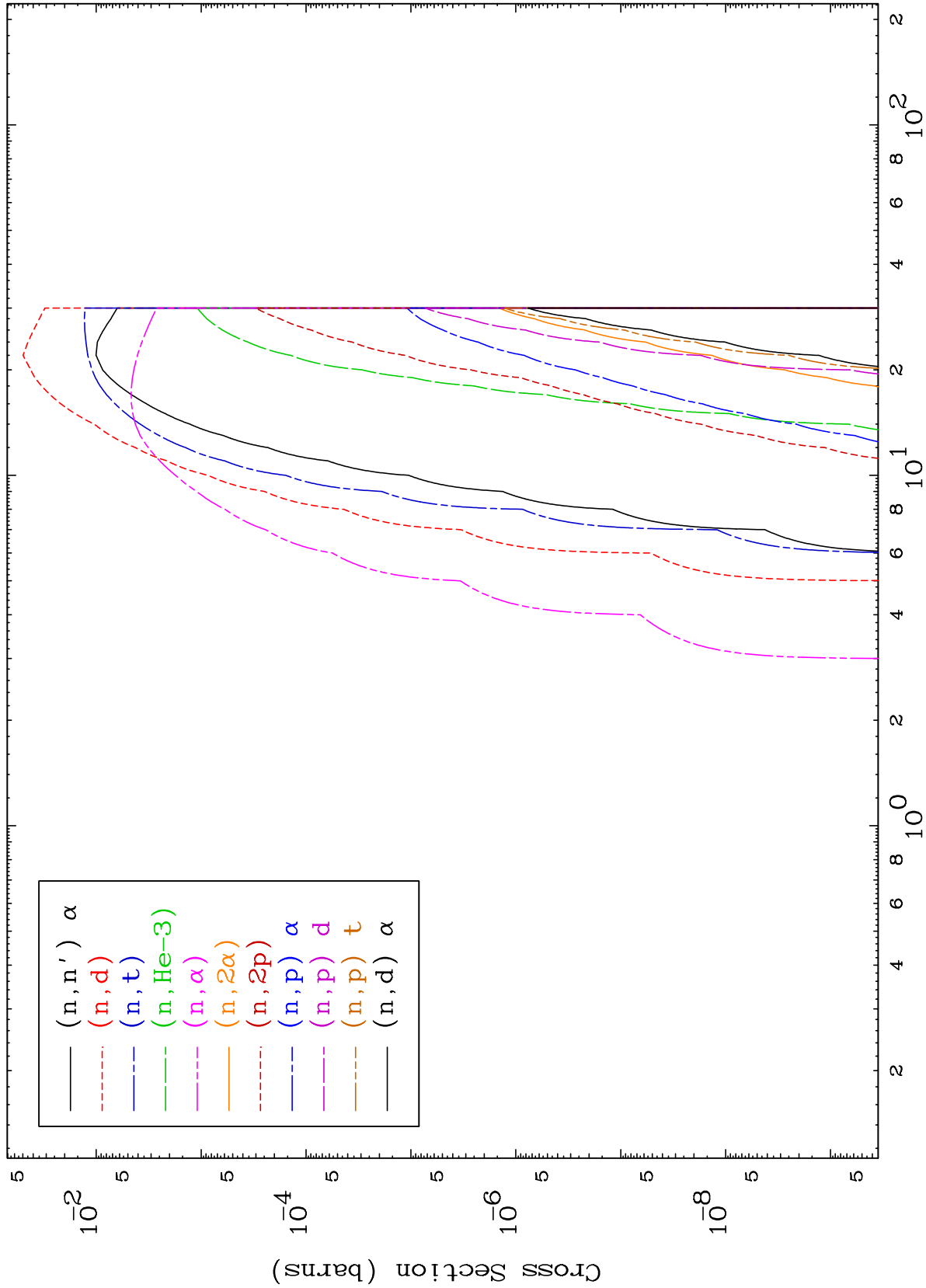








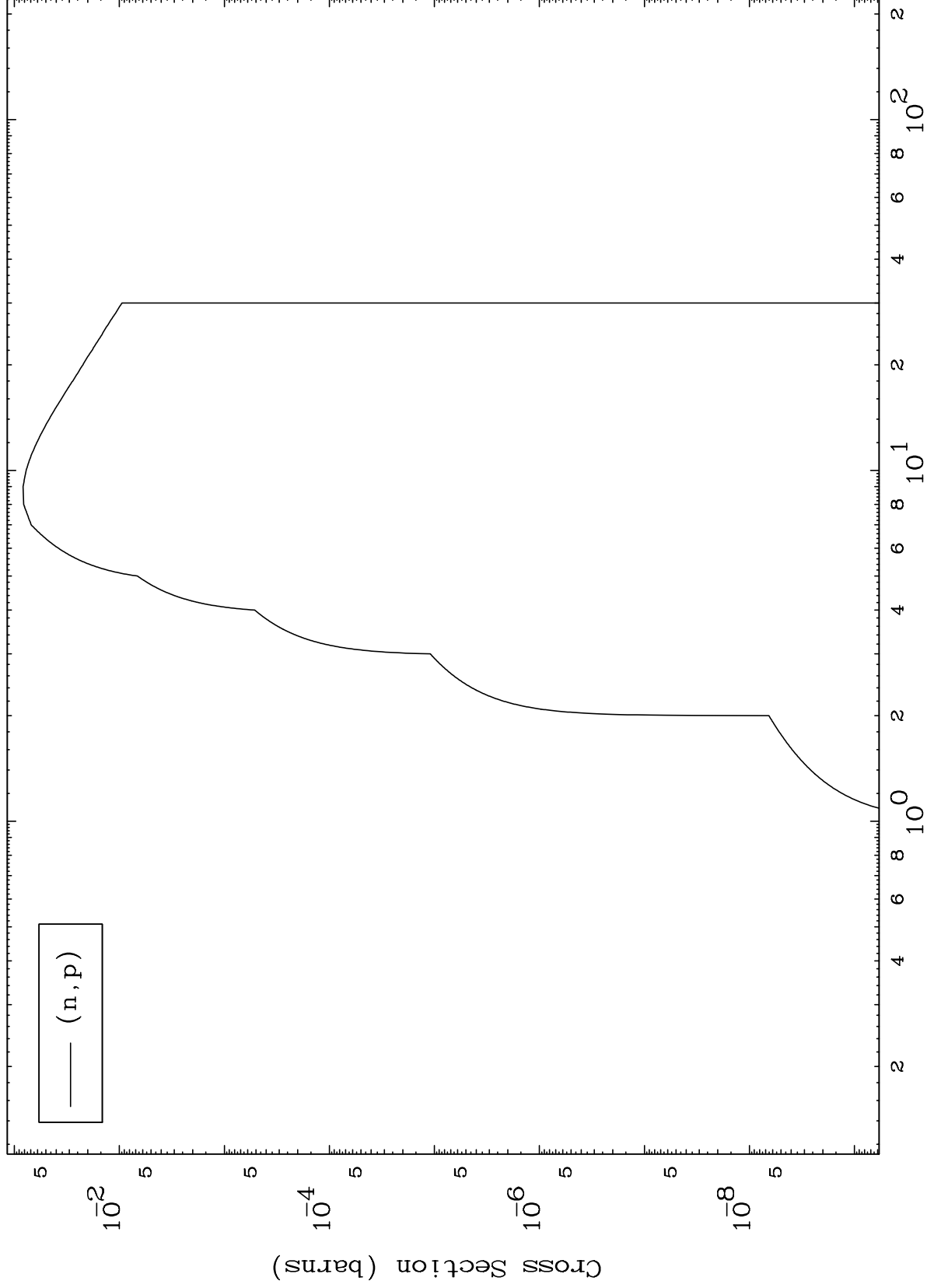




MAT 5047

50-Sn-119m

(d,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

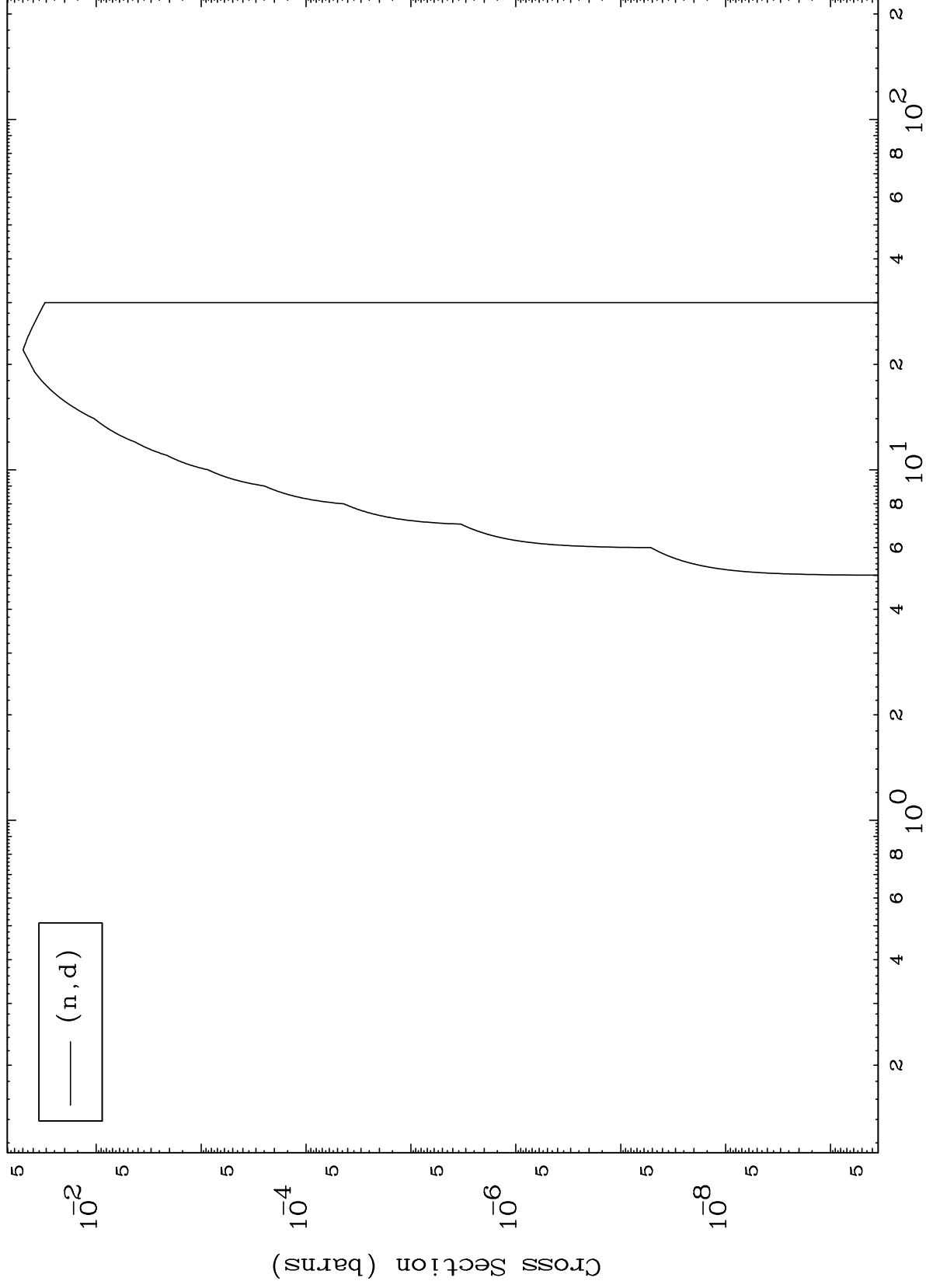
50-Sn-119m

MAT 5047

(d,d) Levels

50-Sn-119m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

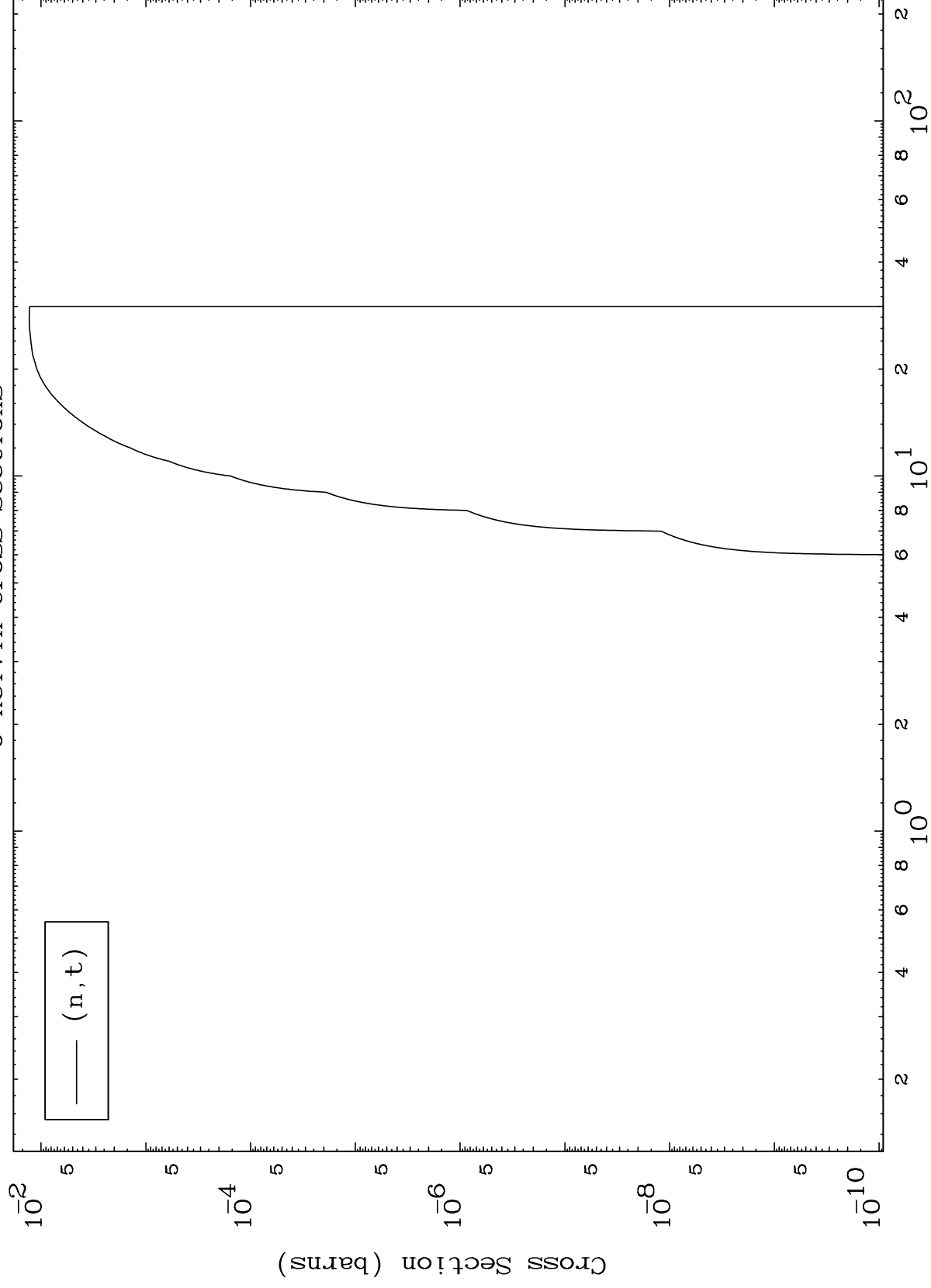
50-Sn-119m

MAT 5047

(d,t) Levels

50-Sn-119m

0 Kelvin Cross Sections

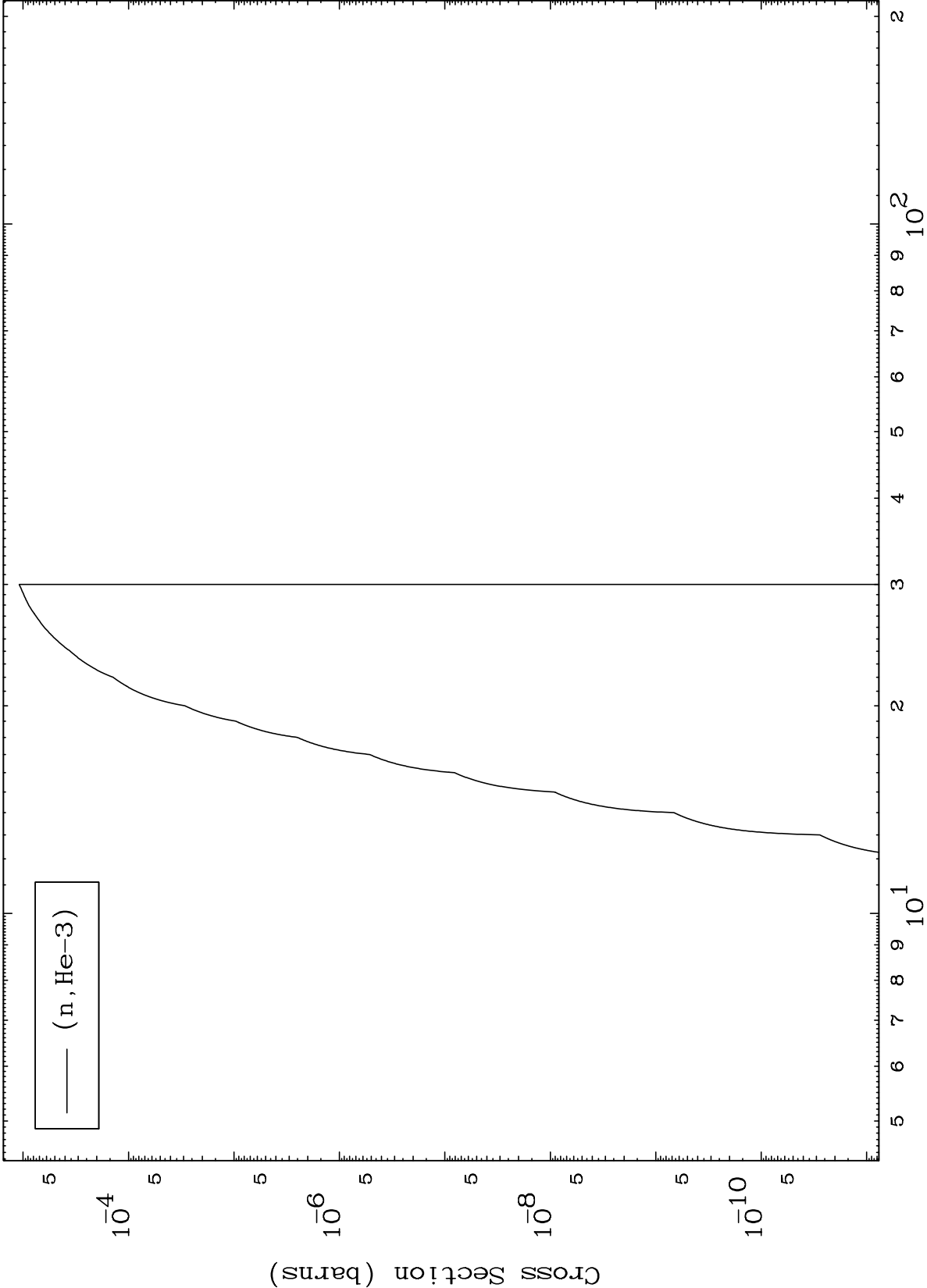


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(d,He3) Levels

50-Sn-119m

0 Kelvin Cross Sections



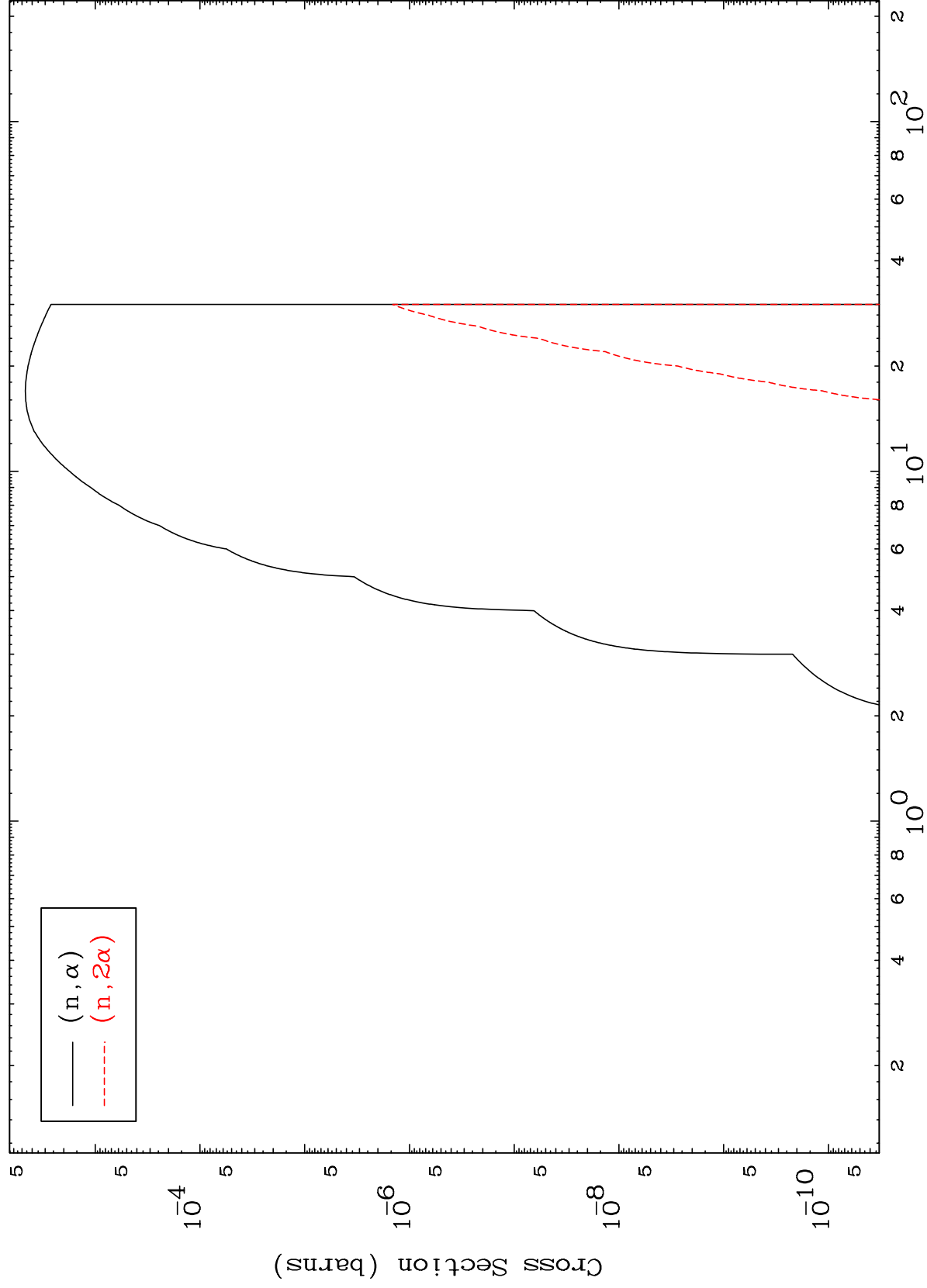
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

(d, α) Levels
0 Kelvin Cross Sections

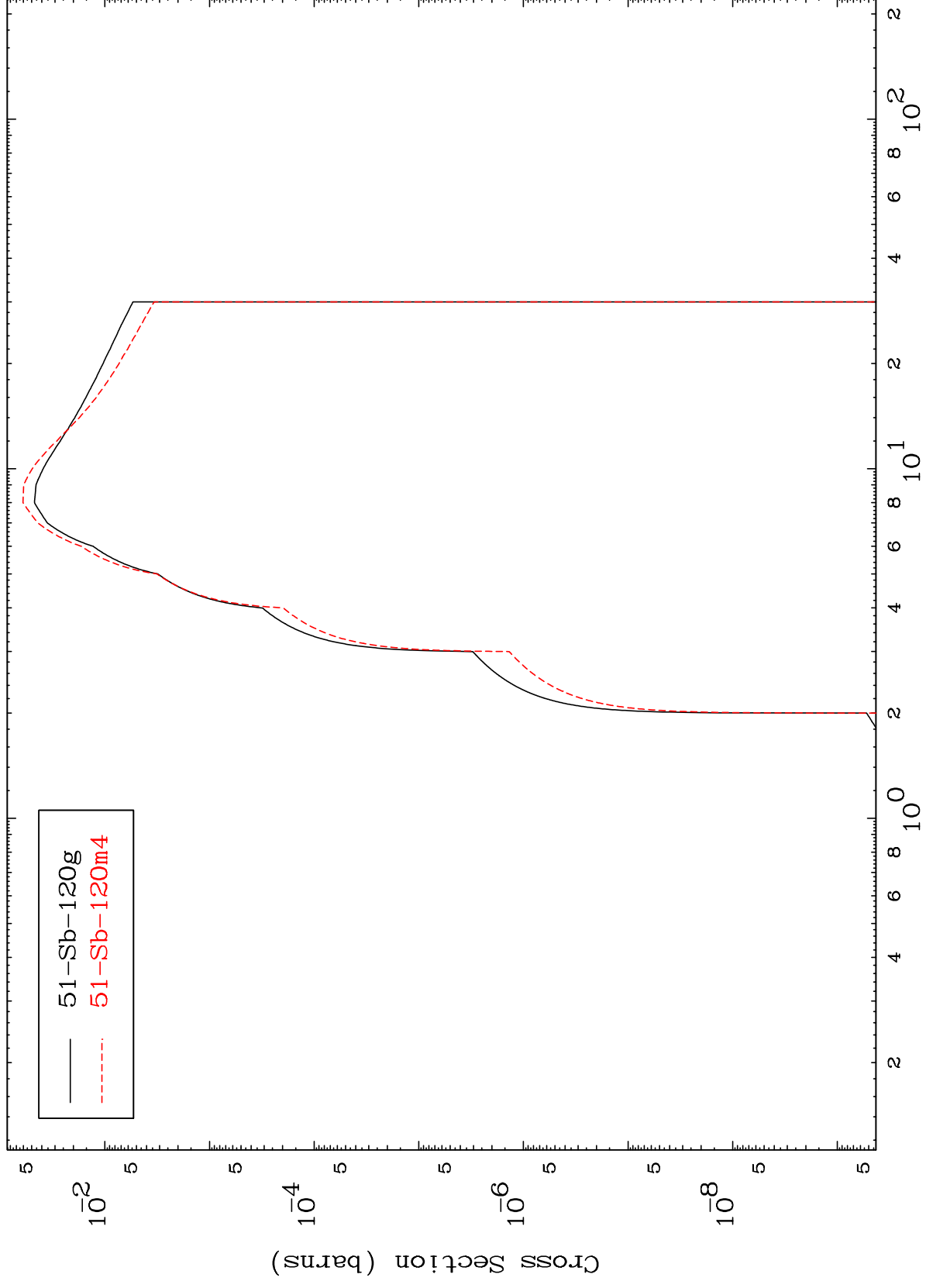


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50-Sn-119m

Inelastic Radionuclide Production Cross Section

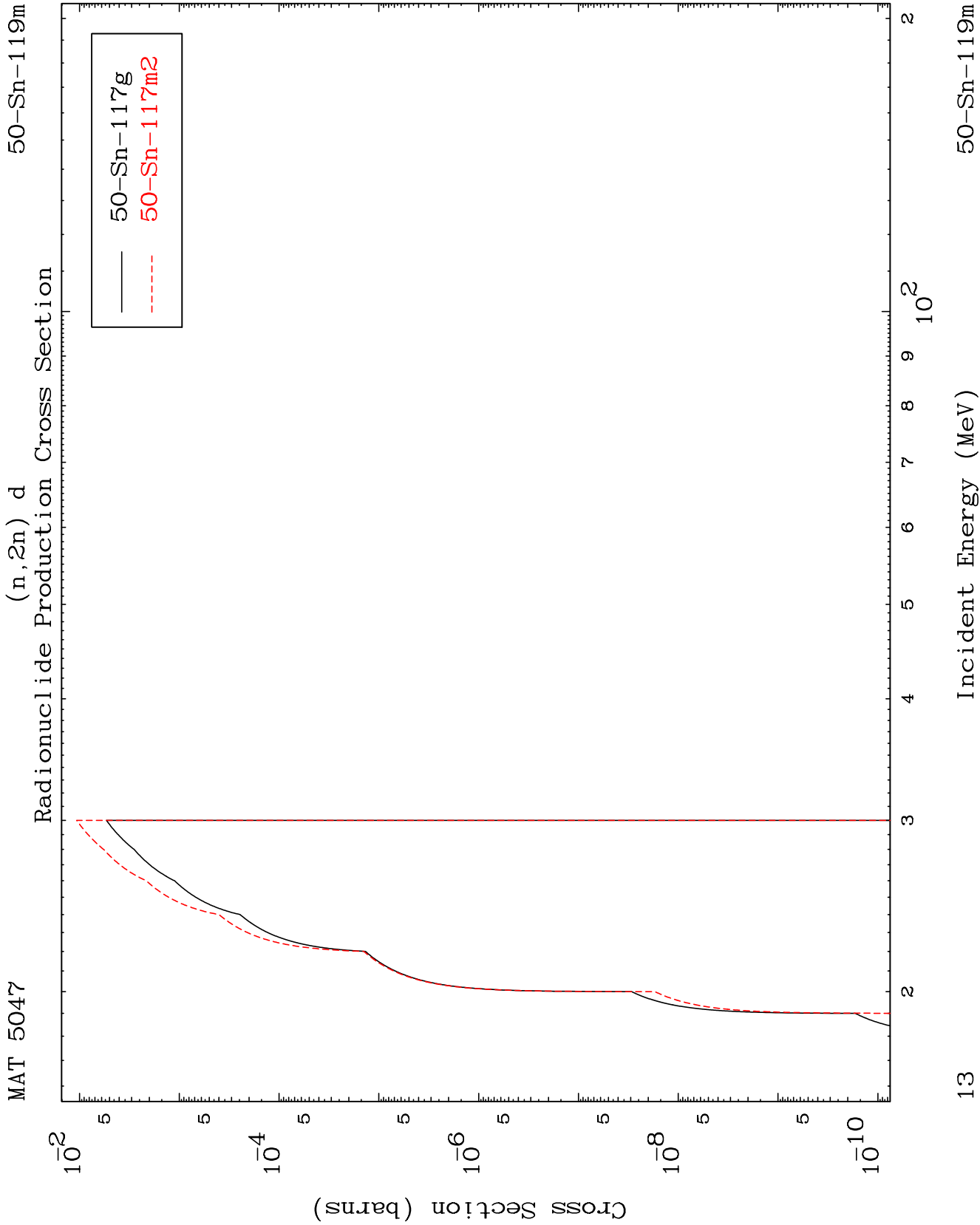
Inelastic

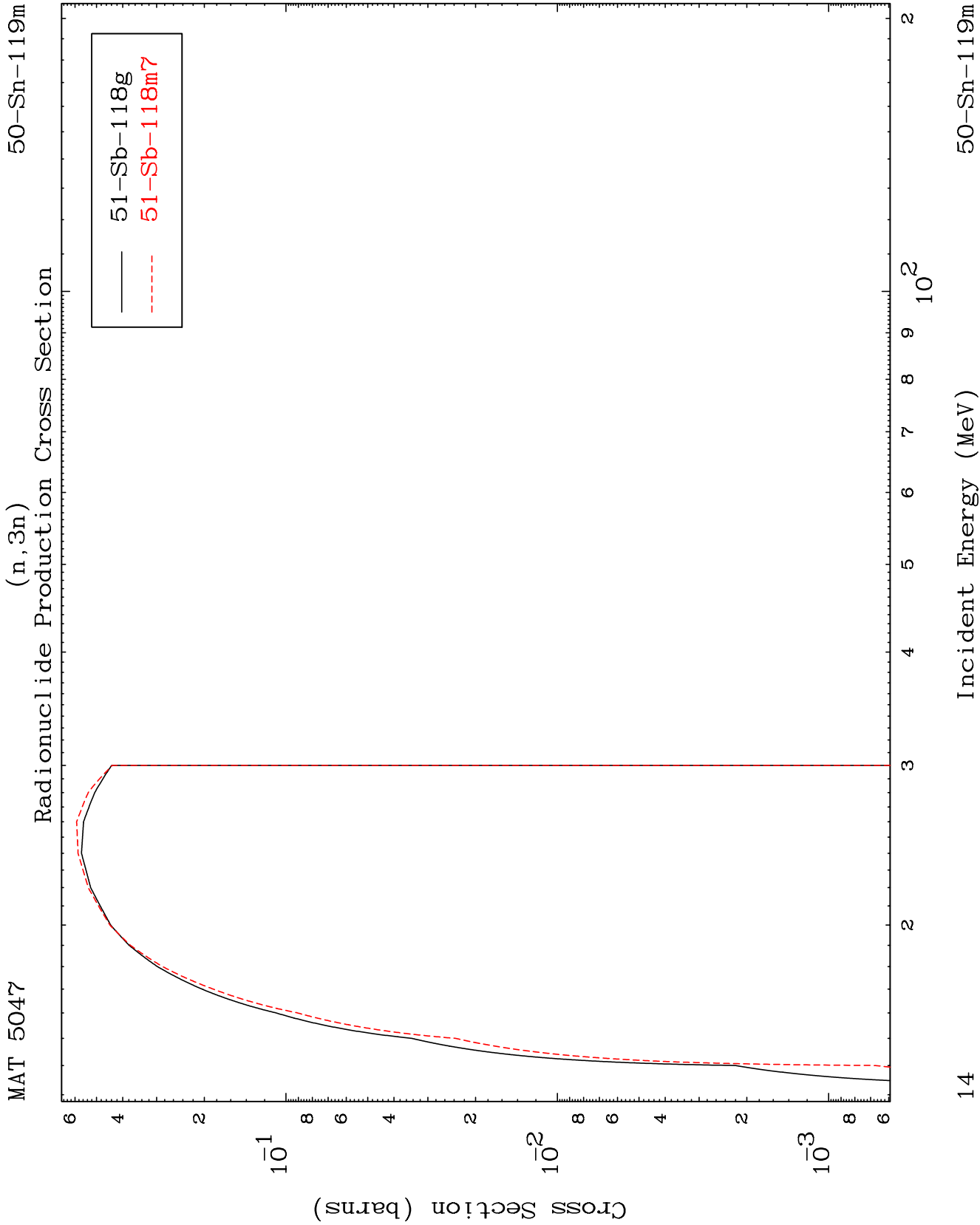


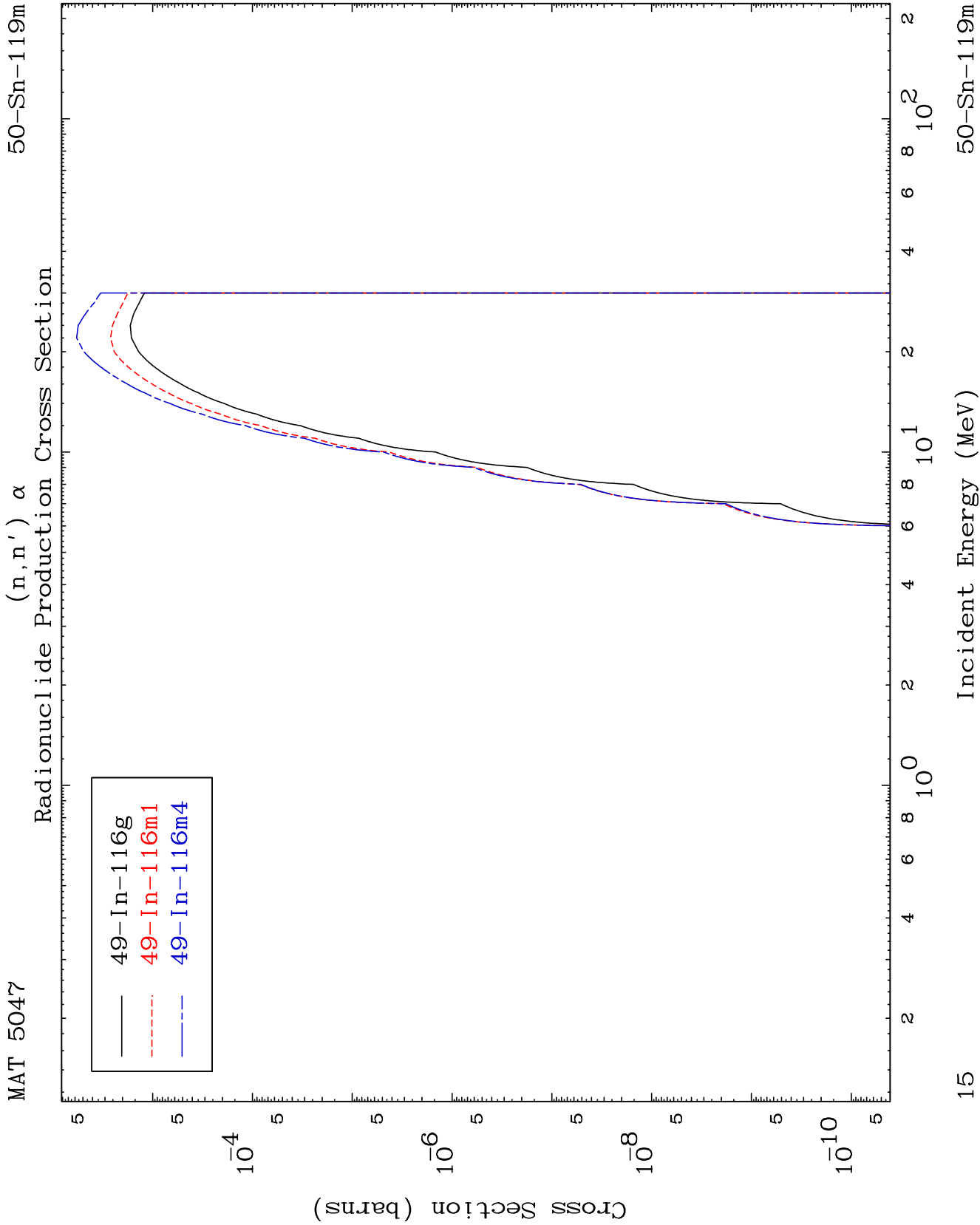
12

Incident Energy (MeV)

50-Sn-119m





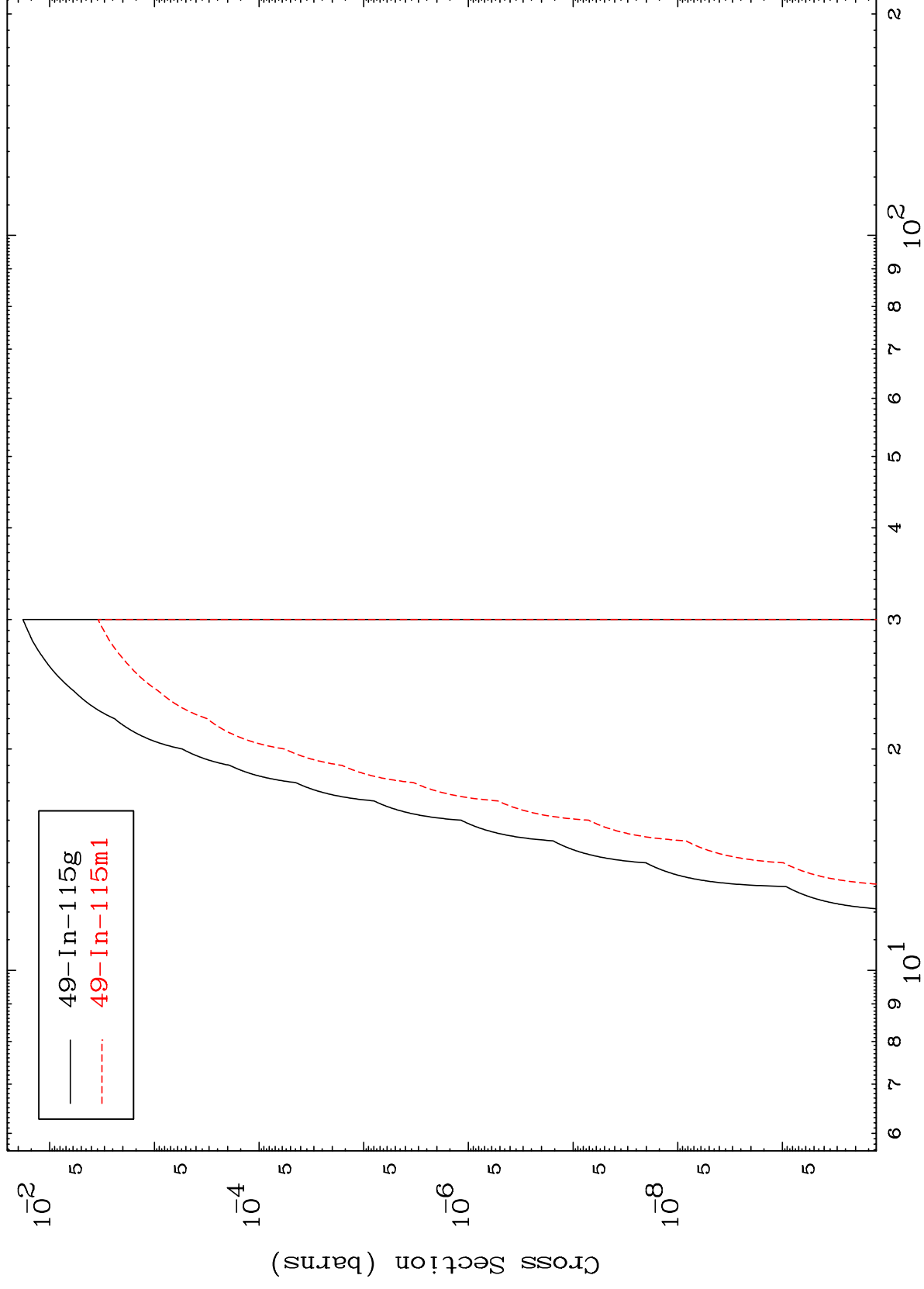


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$$(n, 2n) \propto$$

50-Sn-119m

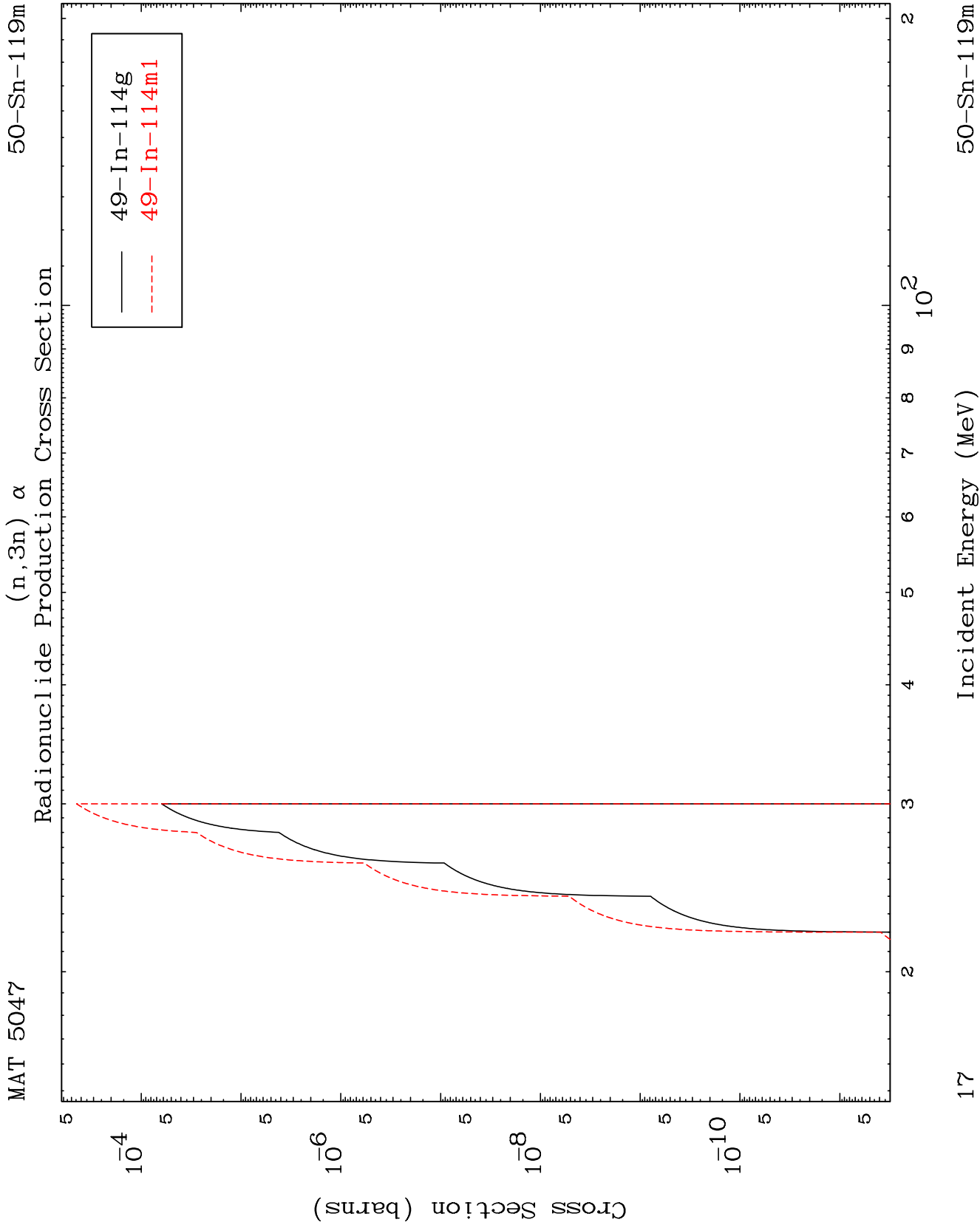
Radionuclide Production Cross Section



16

Incident Energy (MeV)

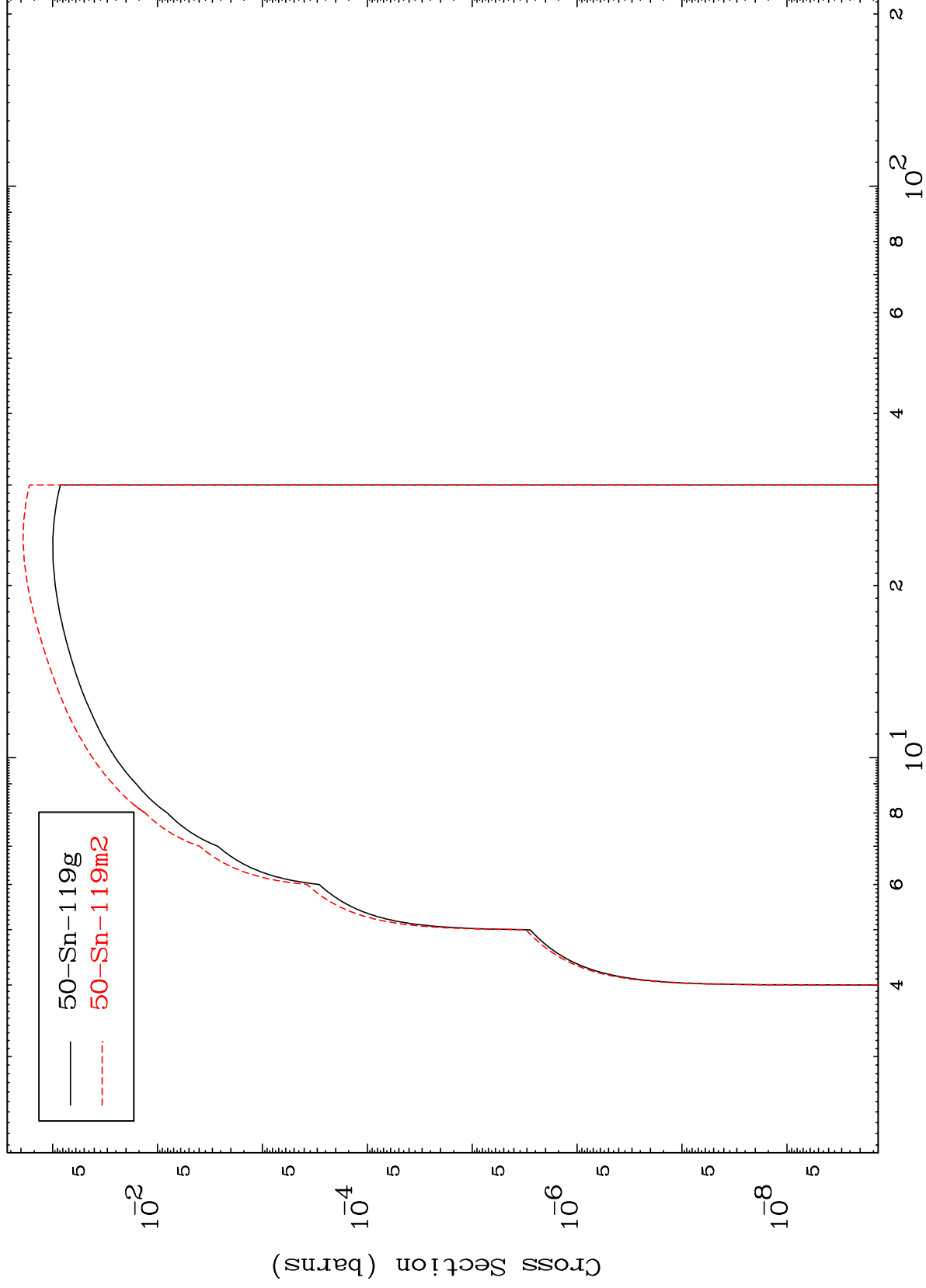
50-Sn-119m



MAT 5047

50-Sn-119m

(n,n') p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

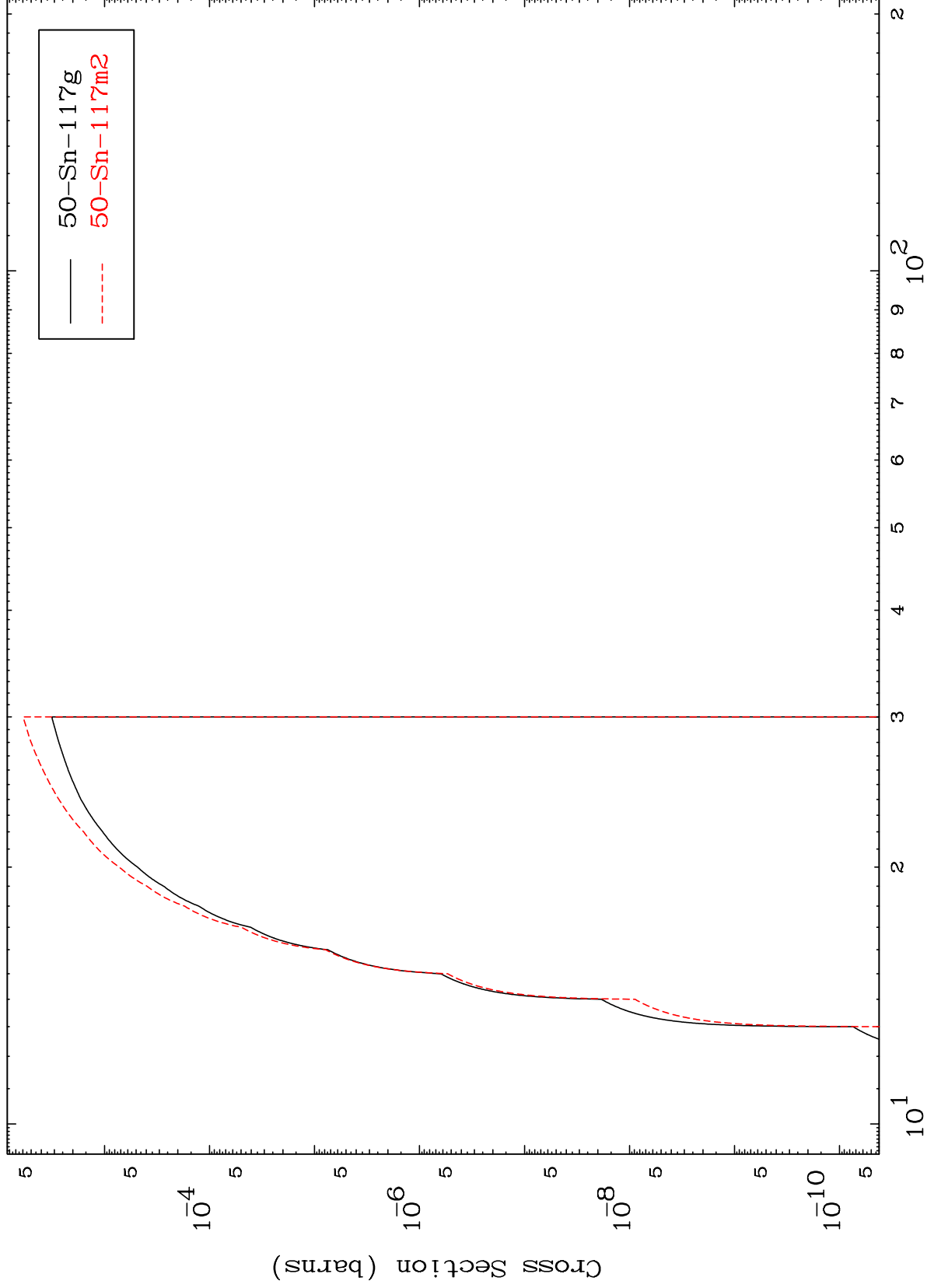
50-Sn-119m

MAT 5047

(n,n') t

50-Sn-119m

Radionuclide Production Cross Section



Incident Energy (MeV)

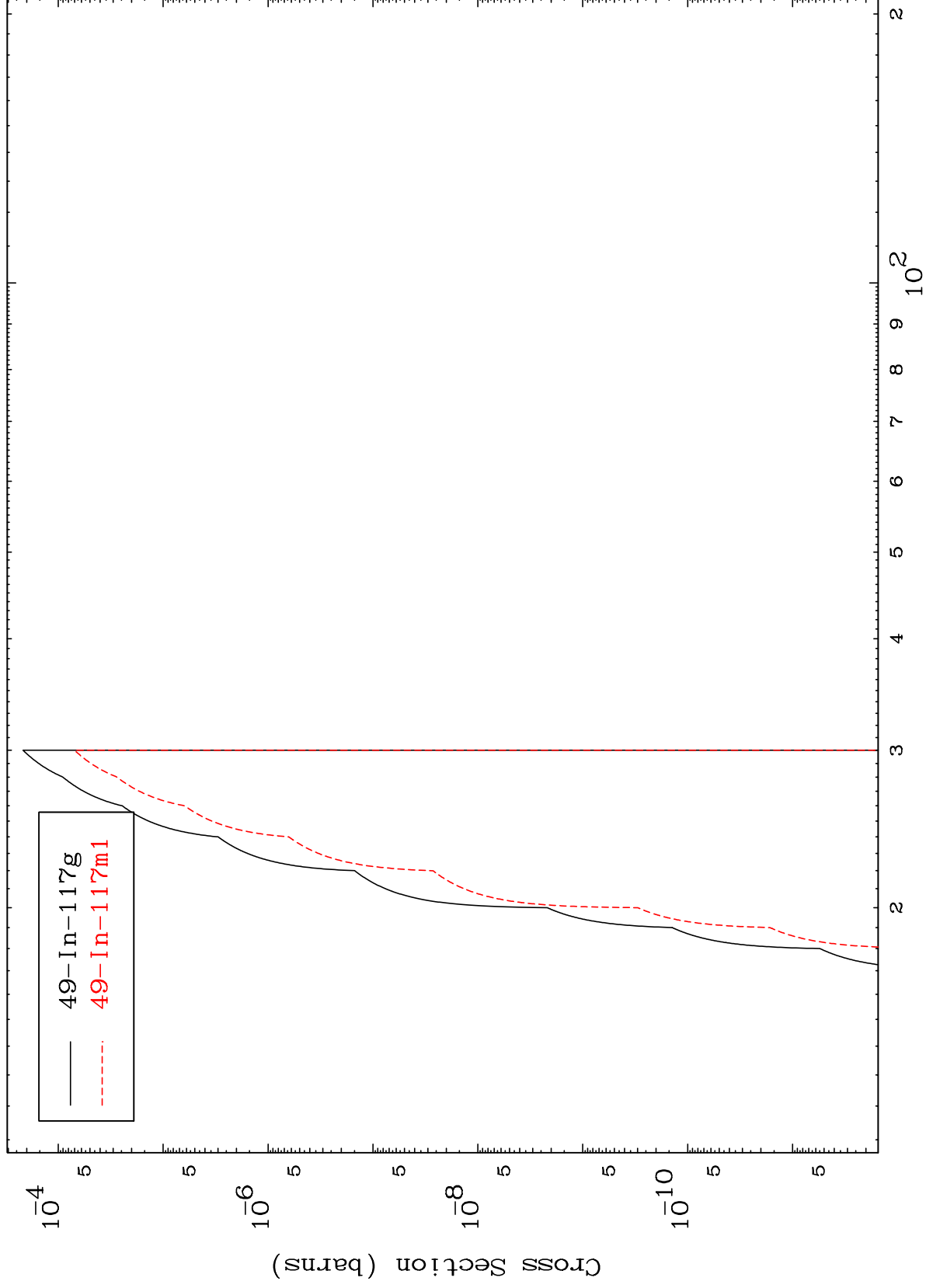
50-Sn-119m

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(n,n') He-3

50-Sn-119m

Radionuclide Production Cross Section



20

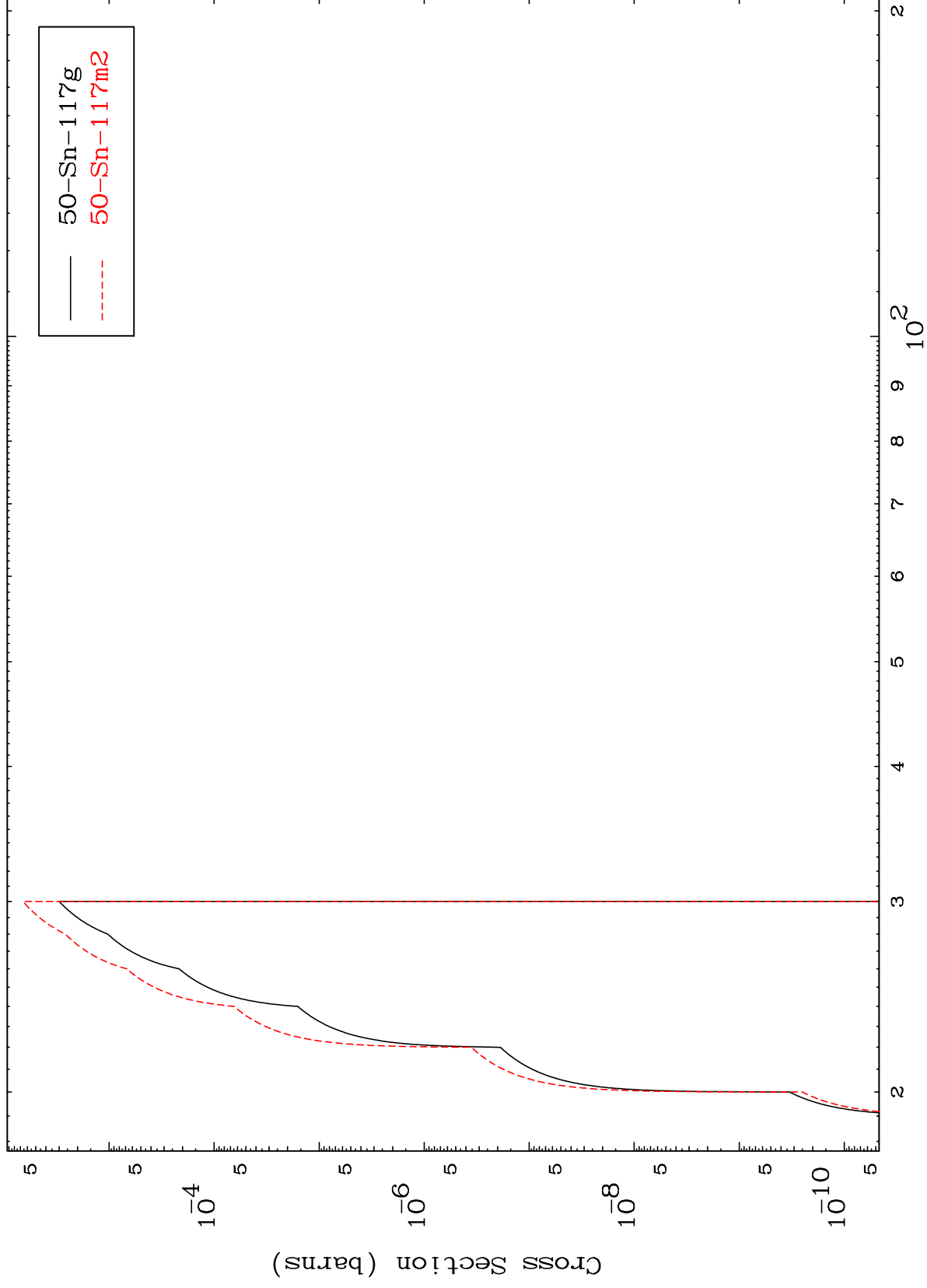
Incident Energy (MeV)

50-Sn-119m

MAT 5047

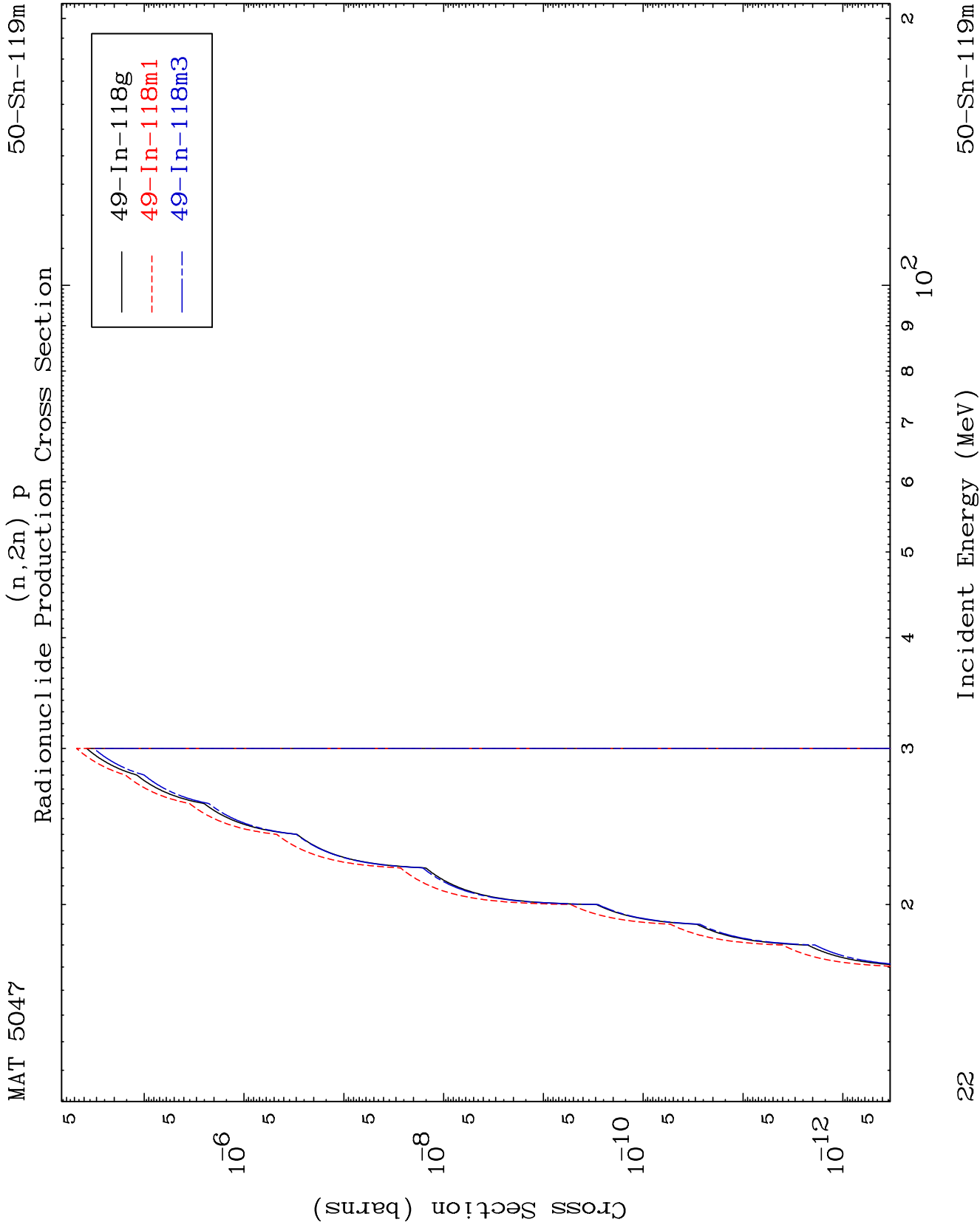
(n,3n) p 50-Sn-119m

Radionuclide Production Cross Section



21

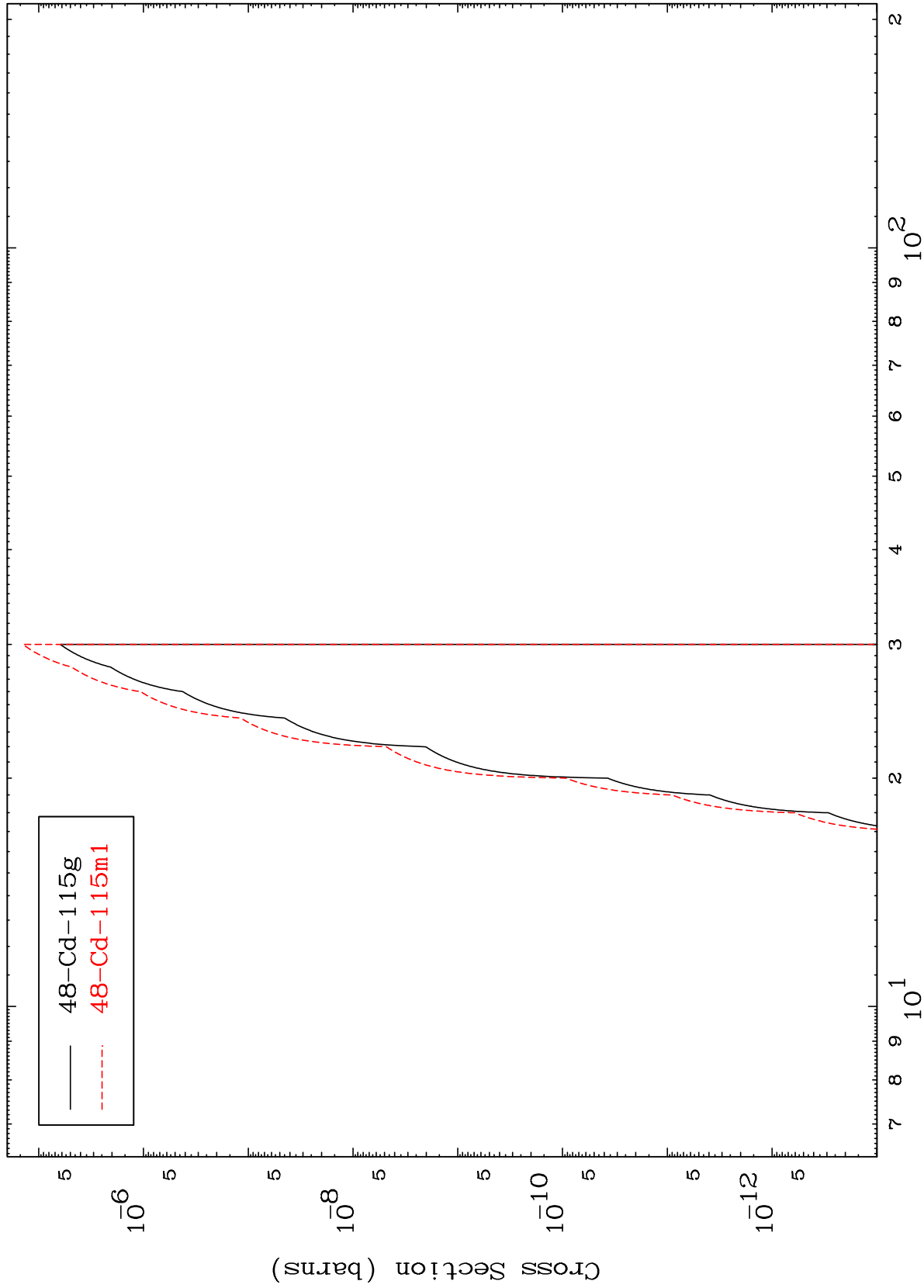
Incident Energy (MeV) 50-Sn-119m



MAT 5047

50-Sn-119m

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



23

Incident Energy (MeV)

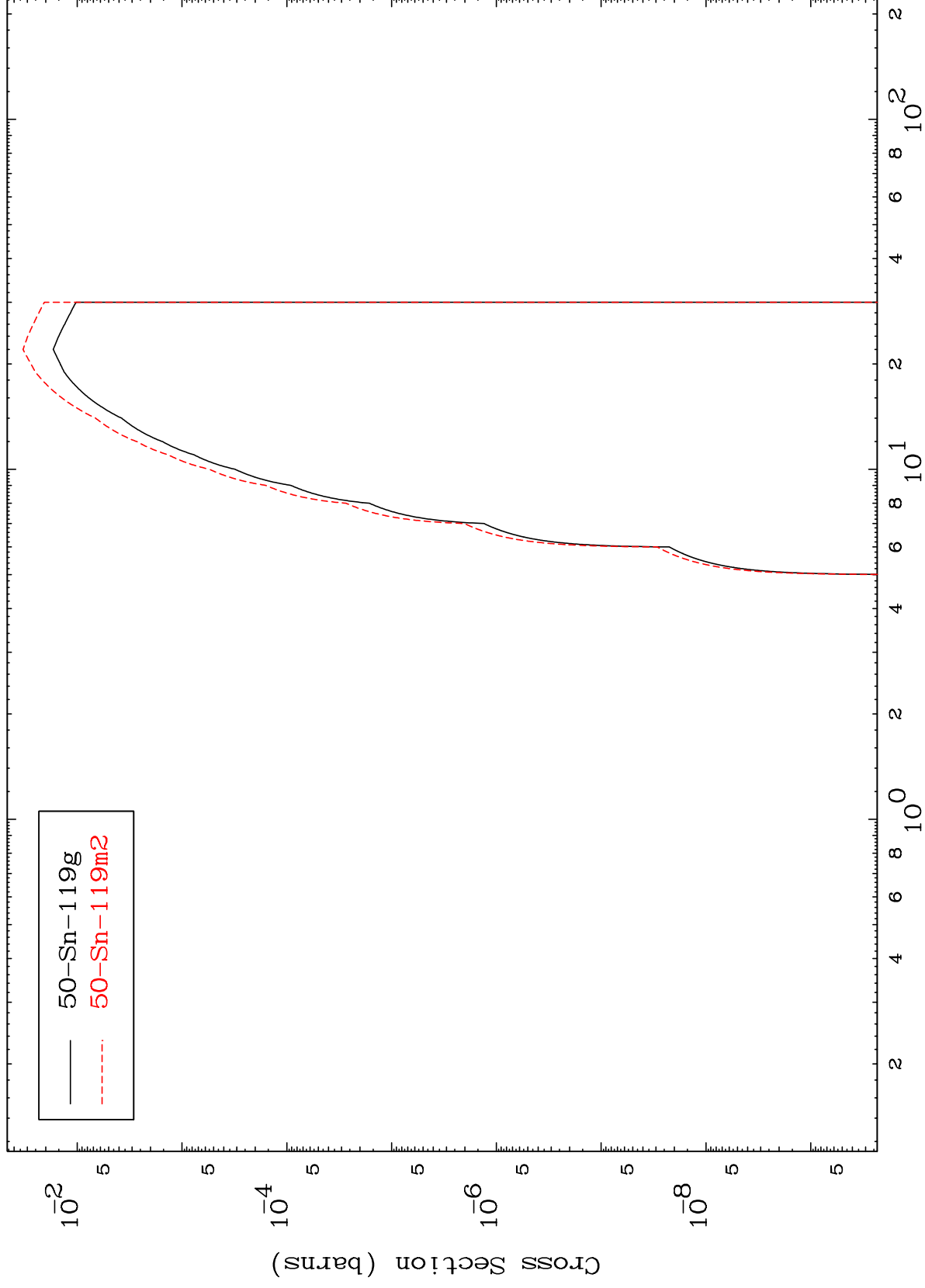
50-Sn-119m

MAT 5047

(n,d)

50-Sn-119m

Radionuclide Production Cross Section

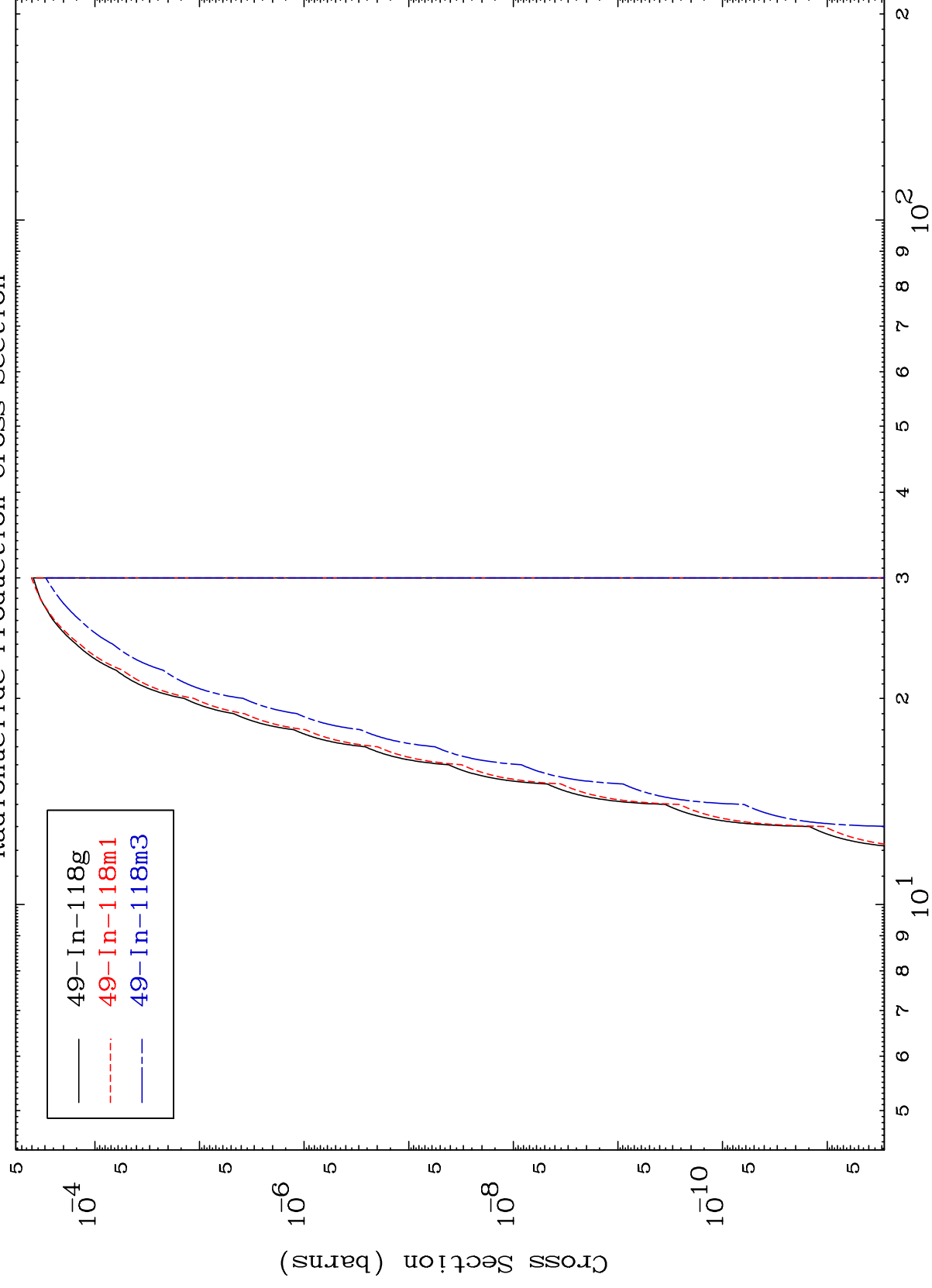


24

Incident Energy (MeV)

50-Sn-119m

Radionuclide Production Cross Section



25

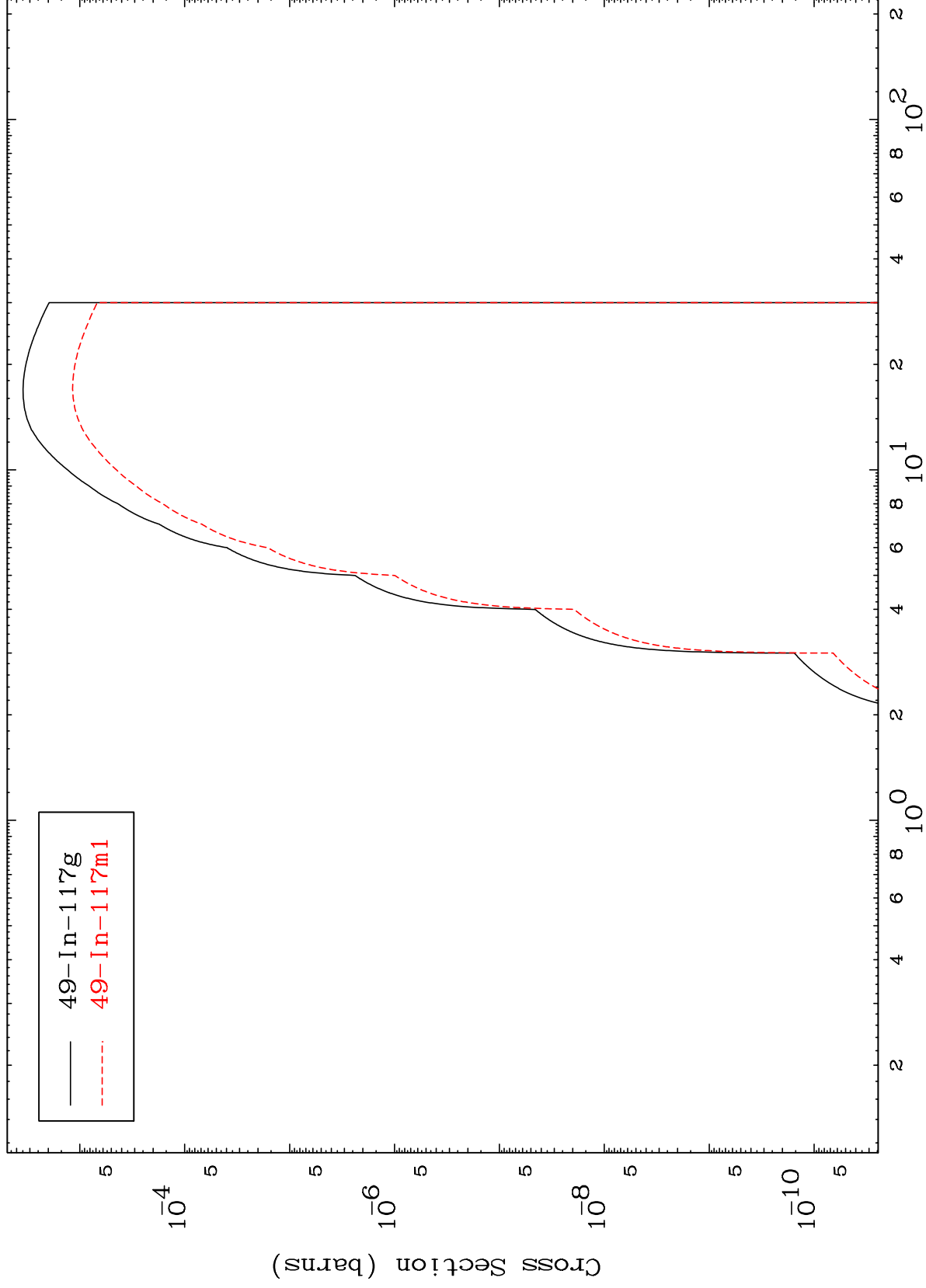
Incident Energy (MeV)

50-Sn-119m

MAT 5047

50-Sn-119m

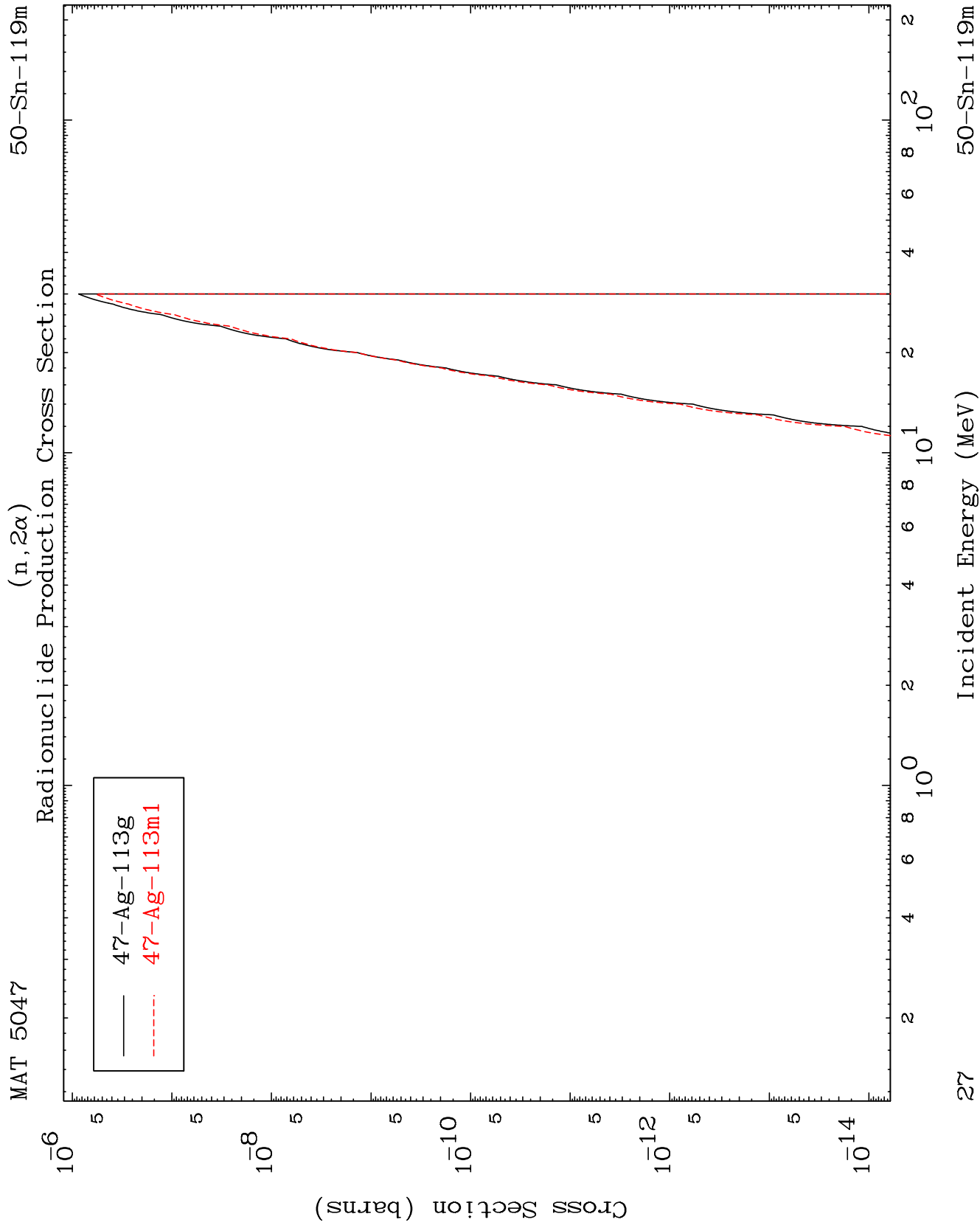
Radionuclide Production Cross Section
(n, α)



26

50-Sn-119m

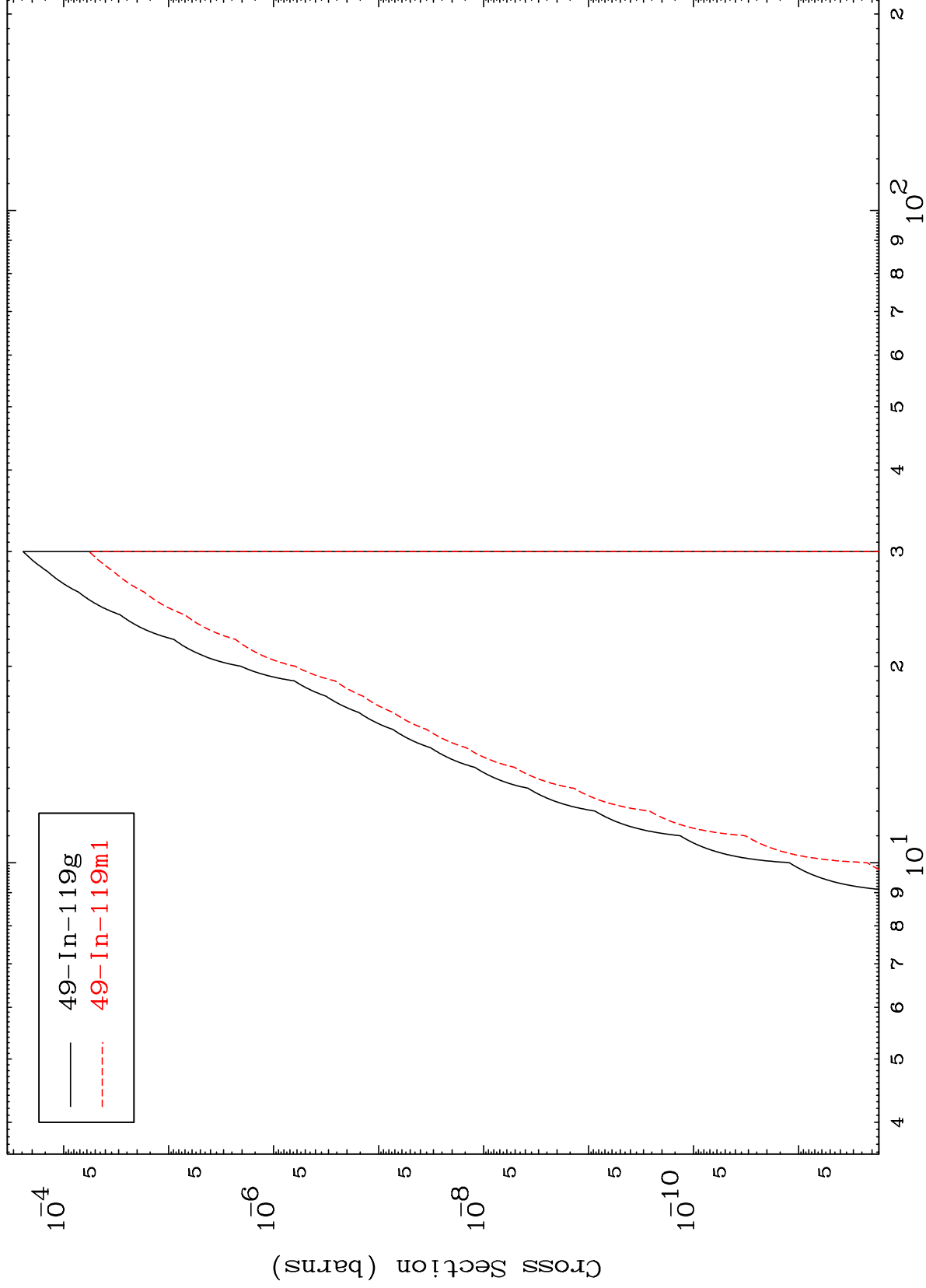
Incident Energy (MeV)



MAT 5047

50-Sn-119m

Radionuclide Production Cross Section
(n,2p)



28

Incident Energy (MeV)

50-Sn-119m

