

Program EVALPLOT
(Version 2021-1)

by

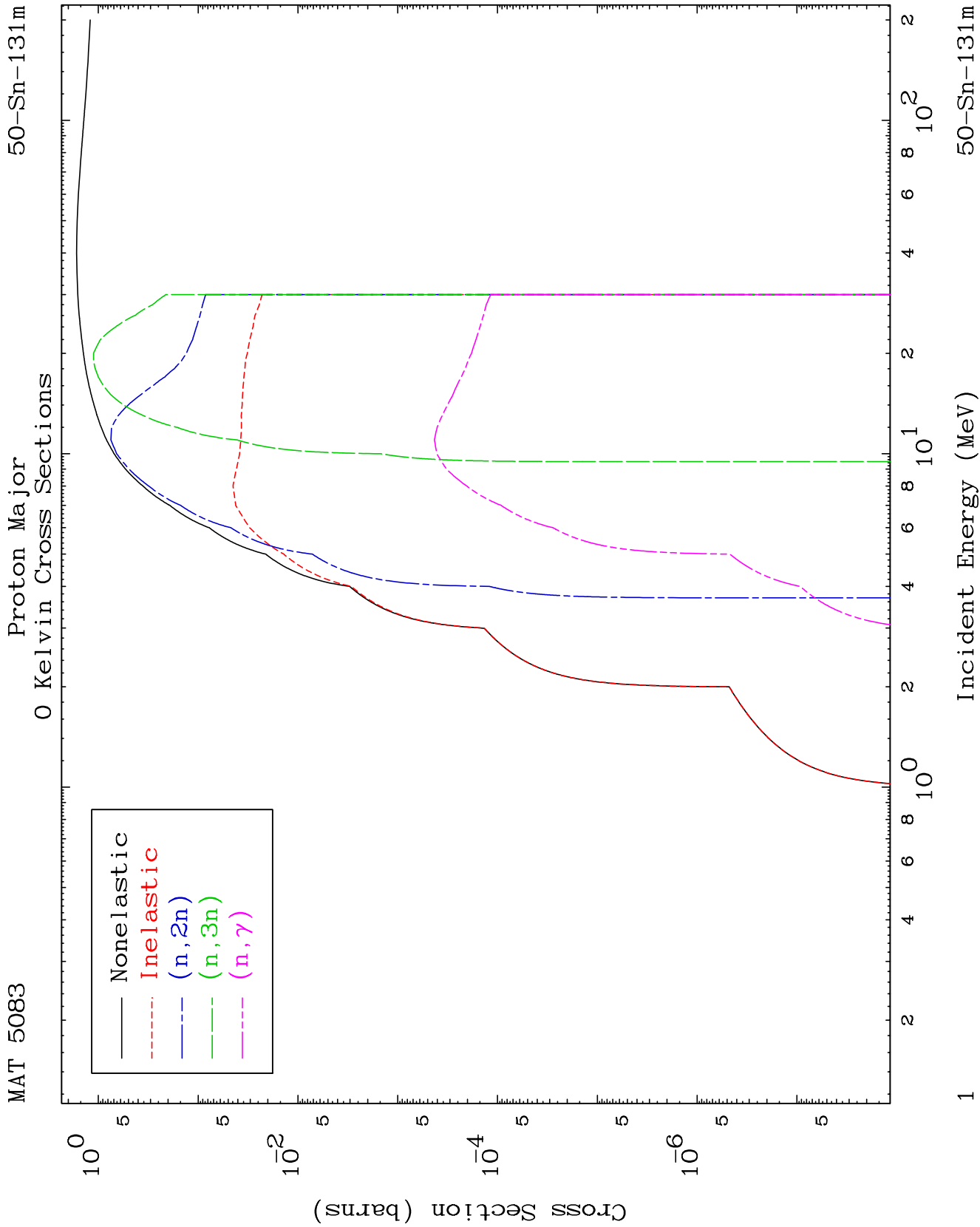
Dermott E. Cullen
(Present Contact Information)

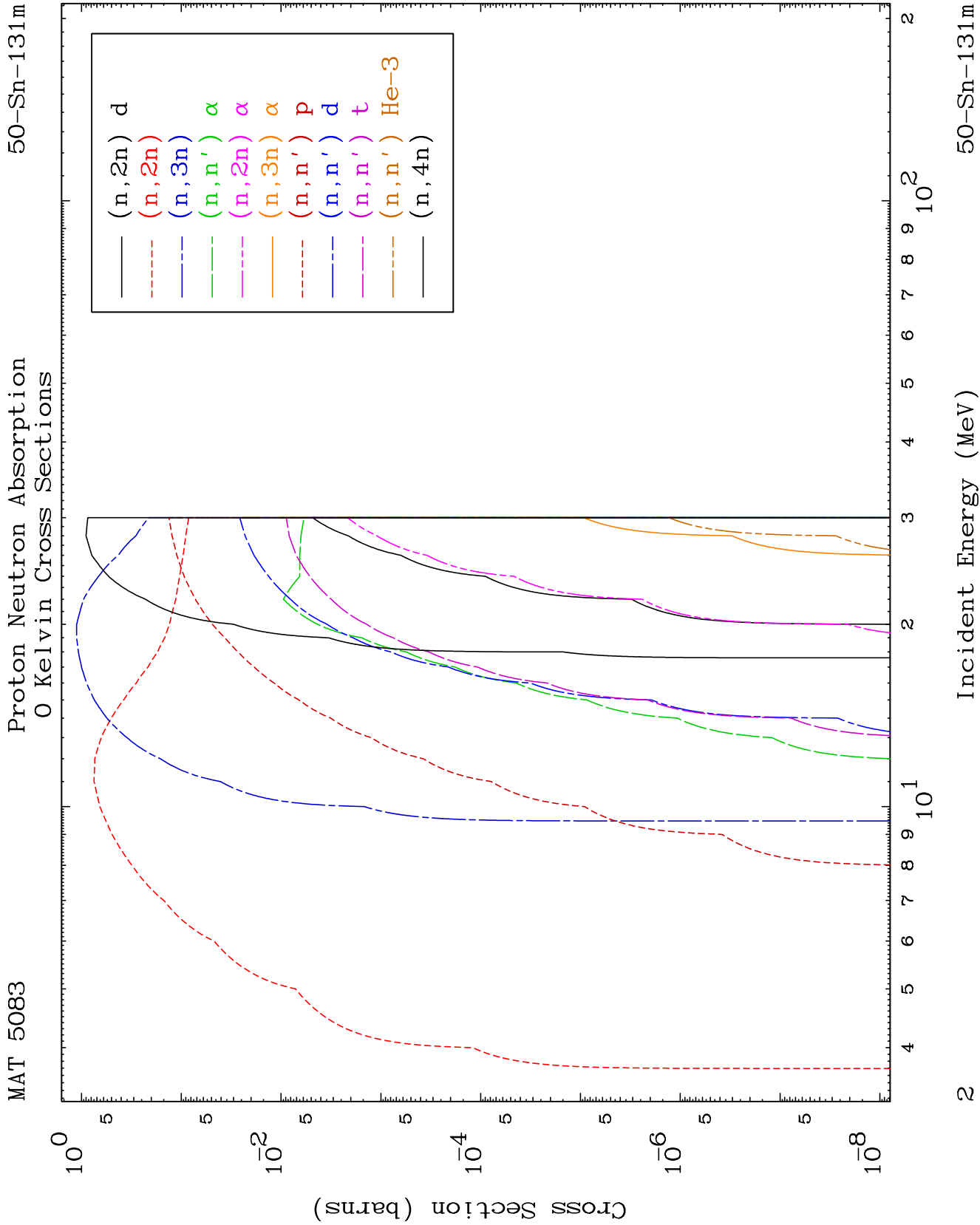
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

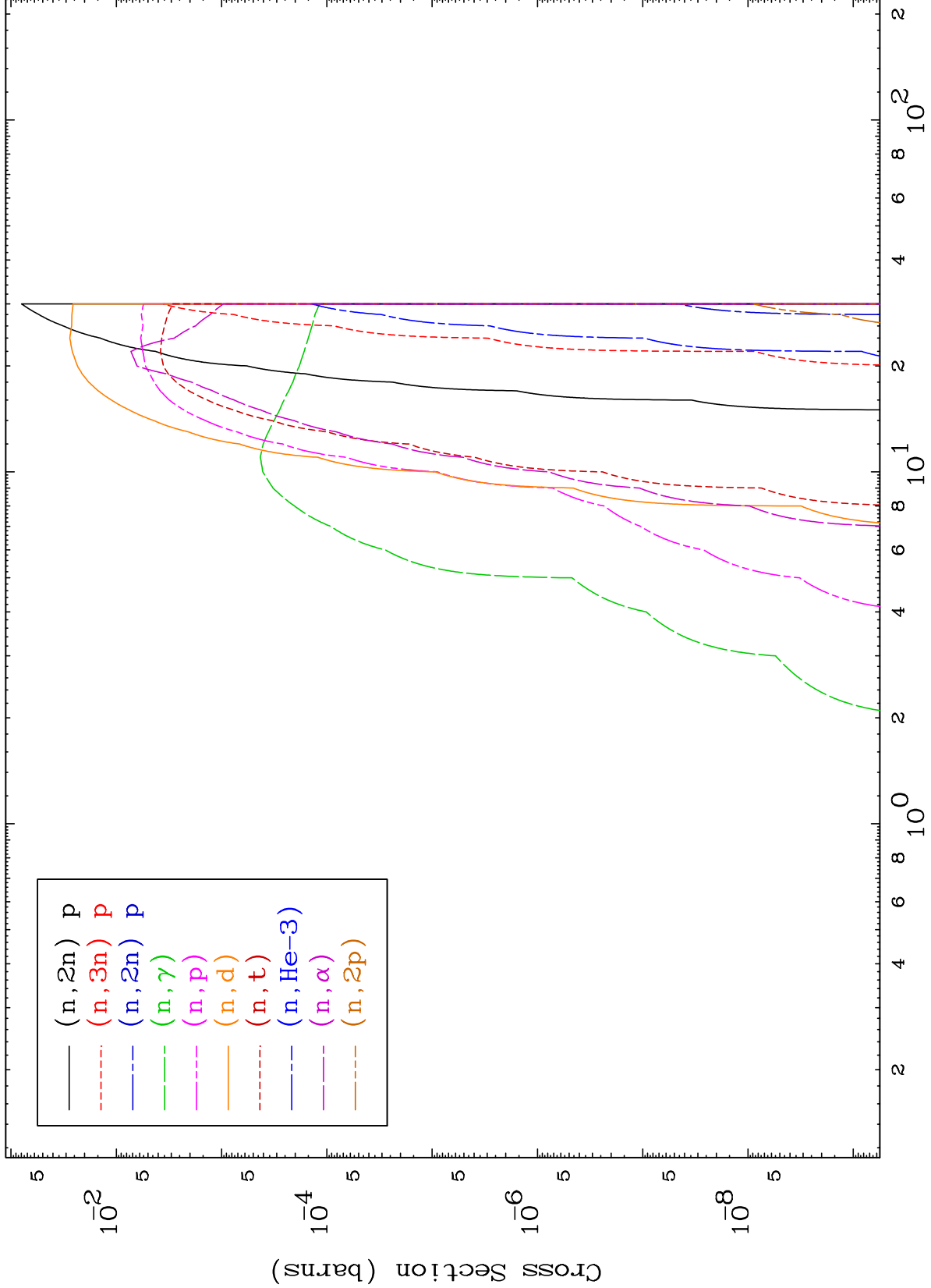
Tele: 925-443-1911

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

Press Mouse Button to Start



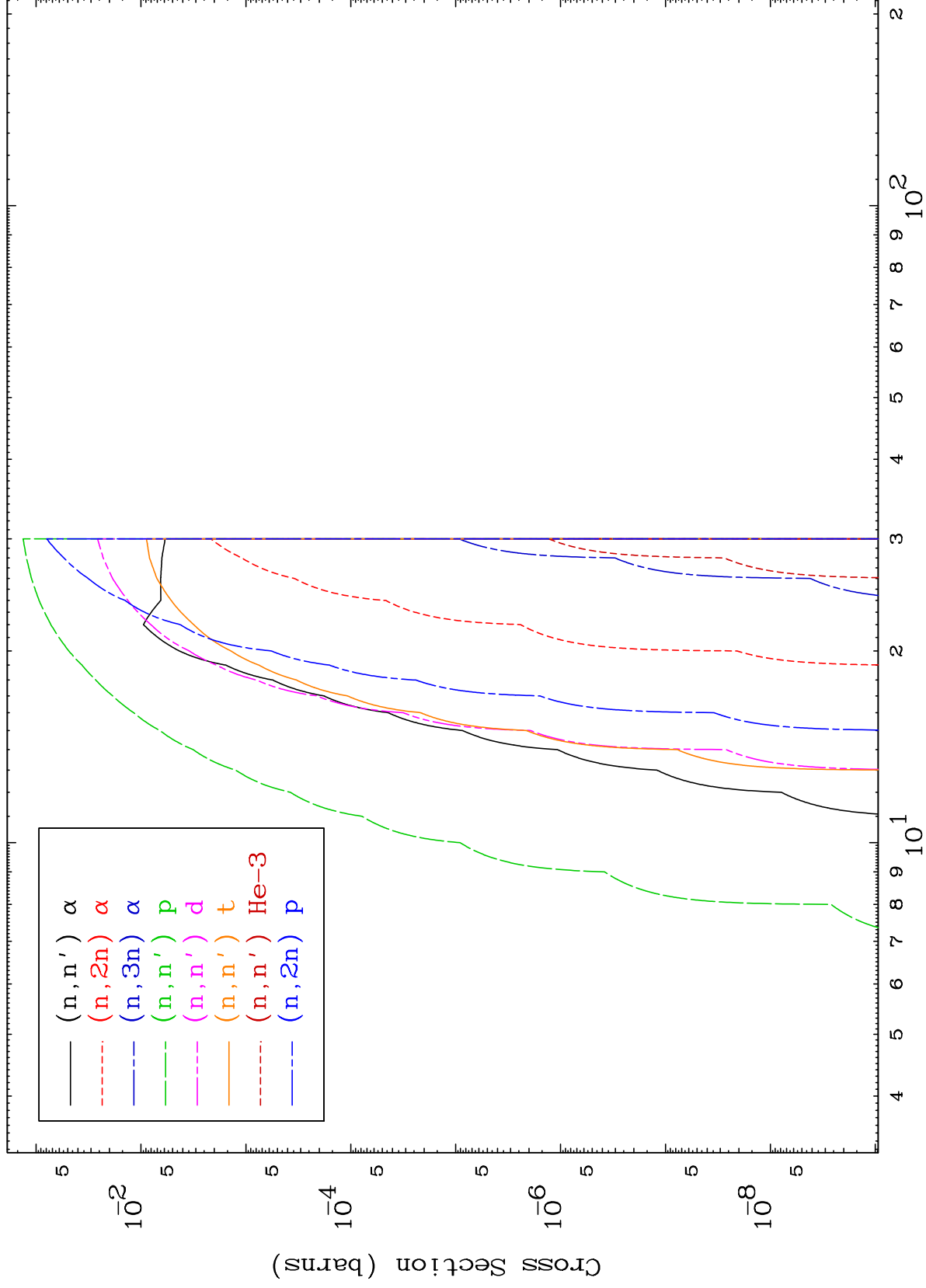


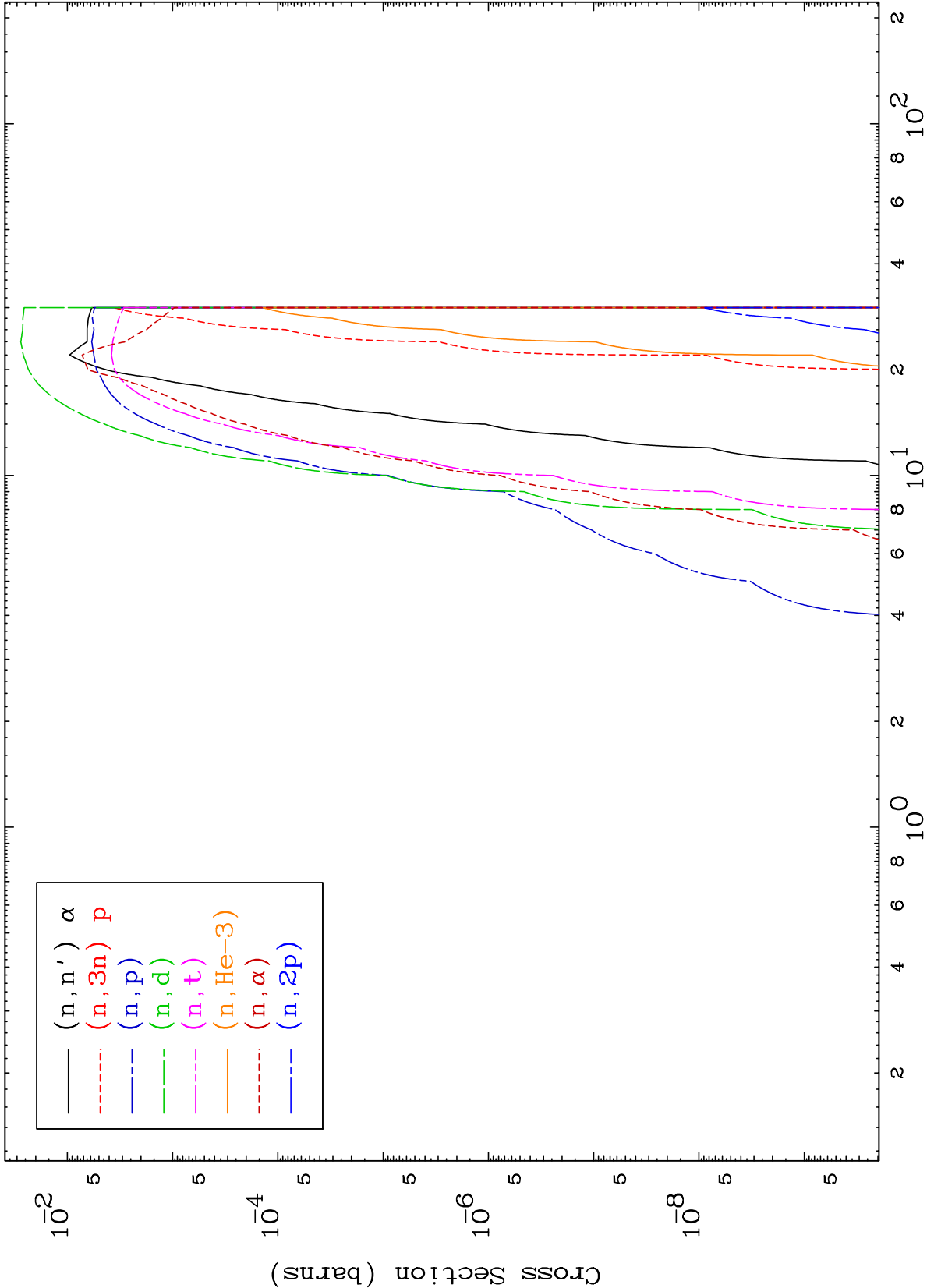


MAT 5083

Proton Charged Particle
0 Kelvin Cross Sections

50-Sn-131m



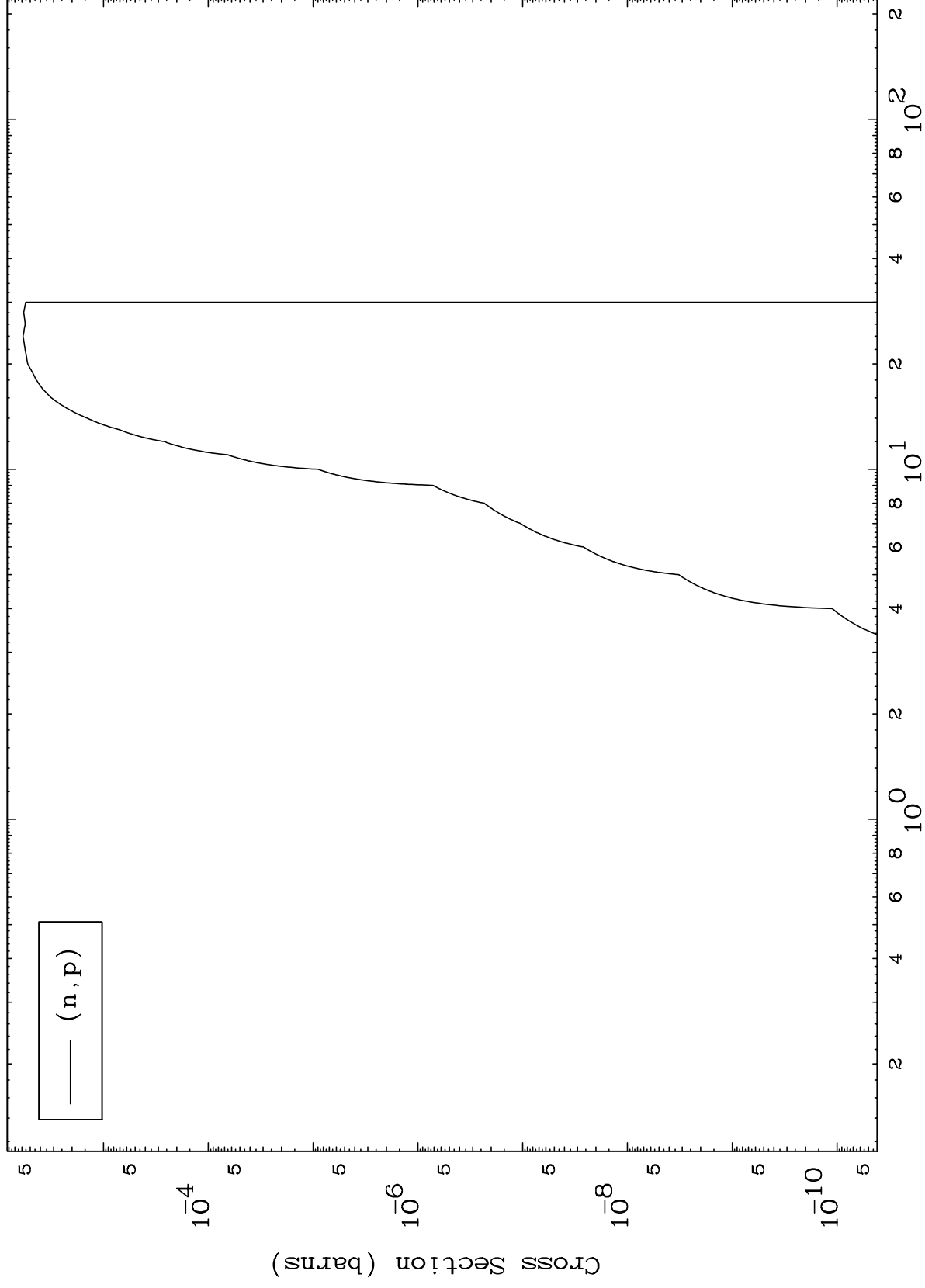


MAT 5083

(p,p) Levels

50-Sn-131m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

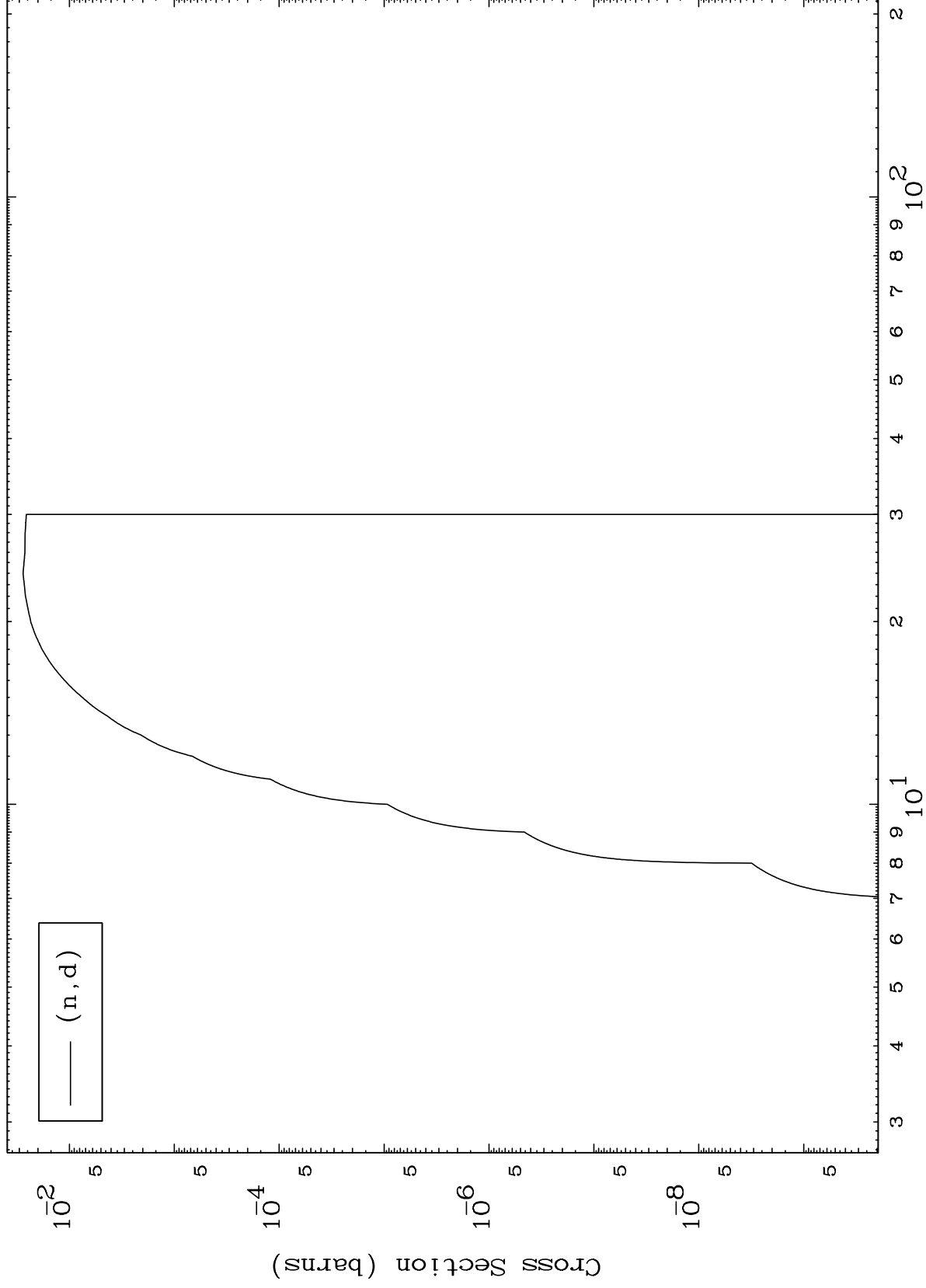
50-Sn-131m

MAT 5083

(p,d) Levels

50-Sn-131m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

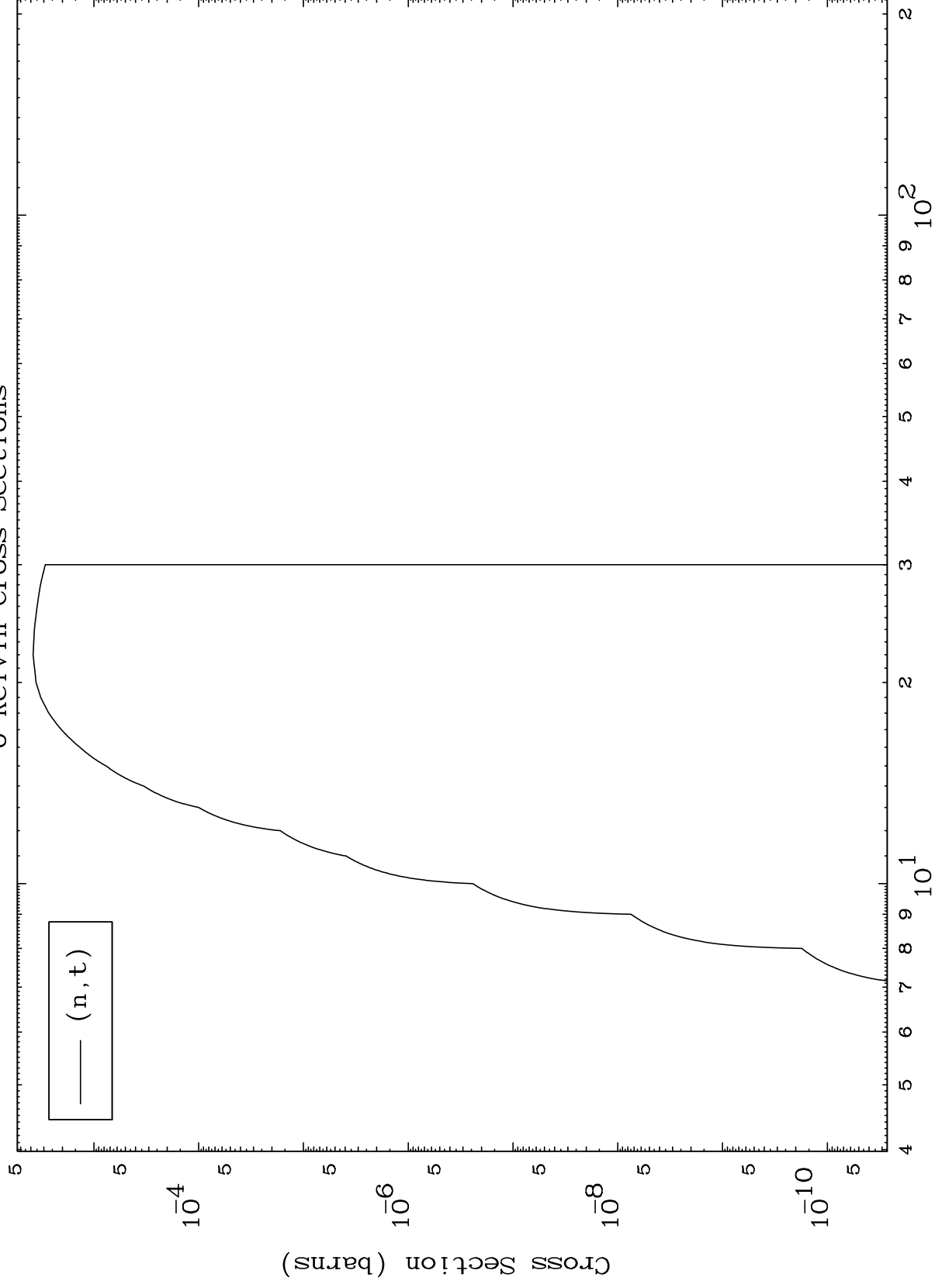
50-Sn-131m

MAT 5083

(p,t) Levels

50-Sn-131m

0 Kelvin Cross Sections

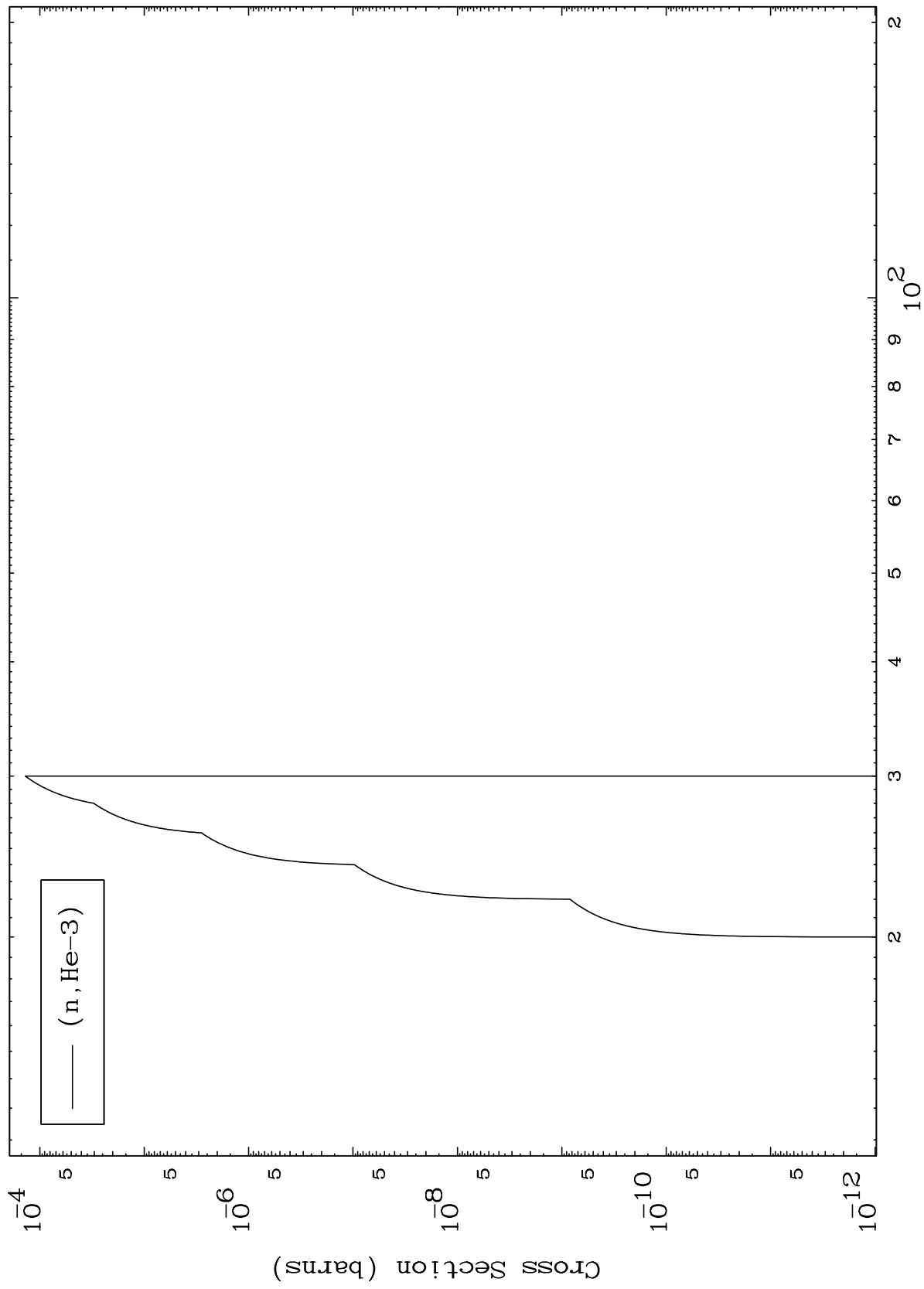


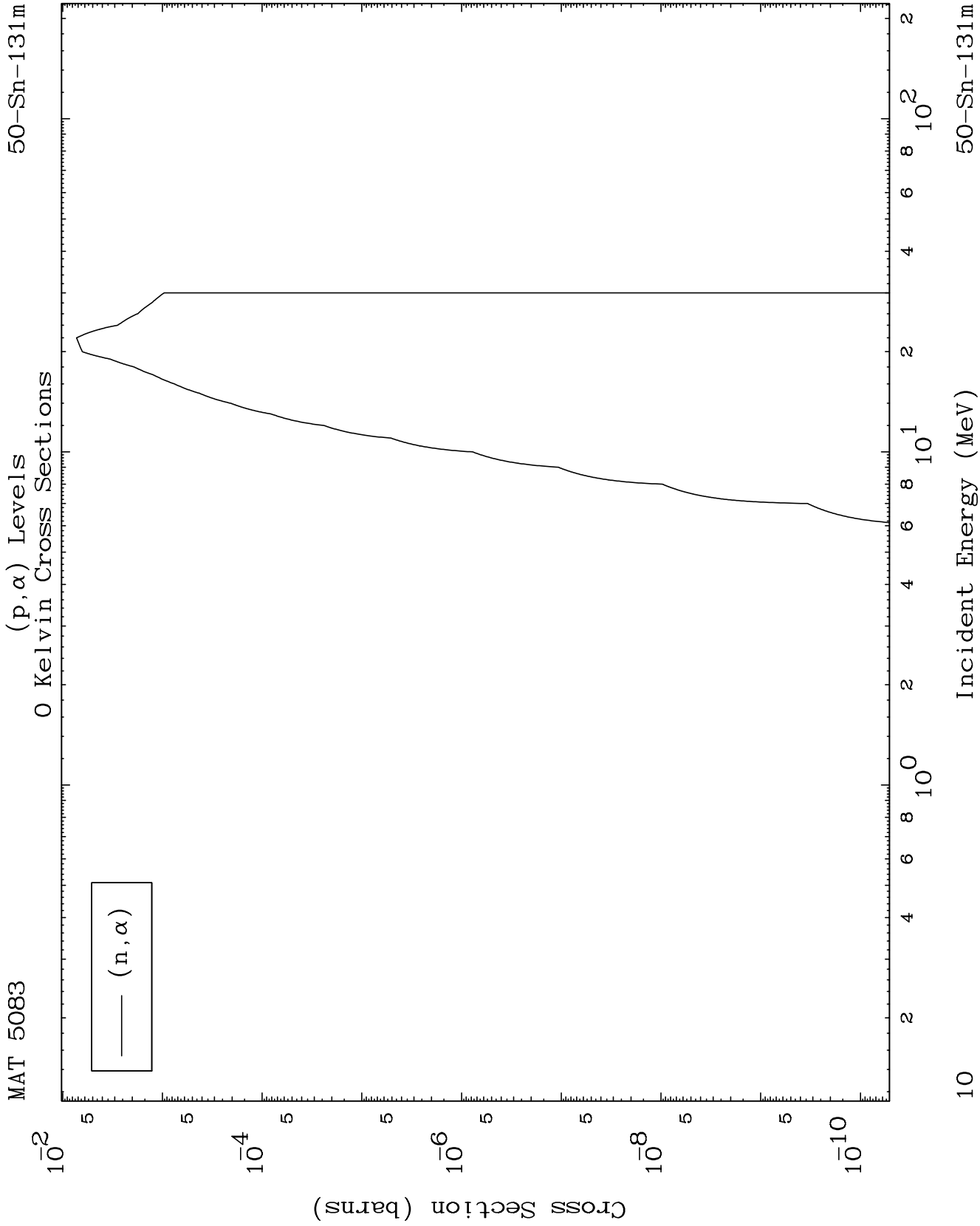
Incident Energy (MeV)

50-Sn-131m

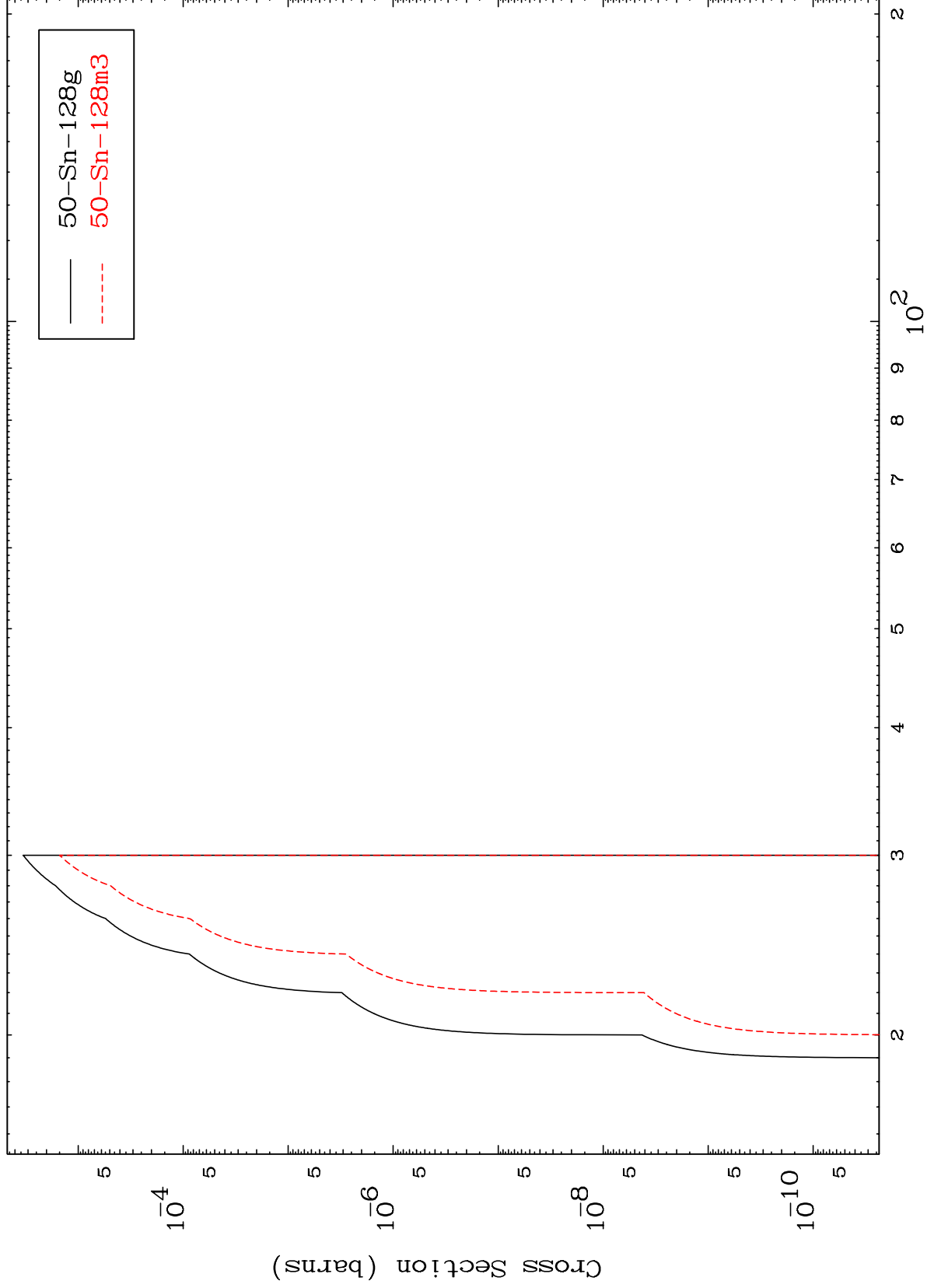
8

(p,He3) Levels
0 Kelvin Cross Sections





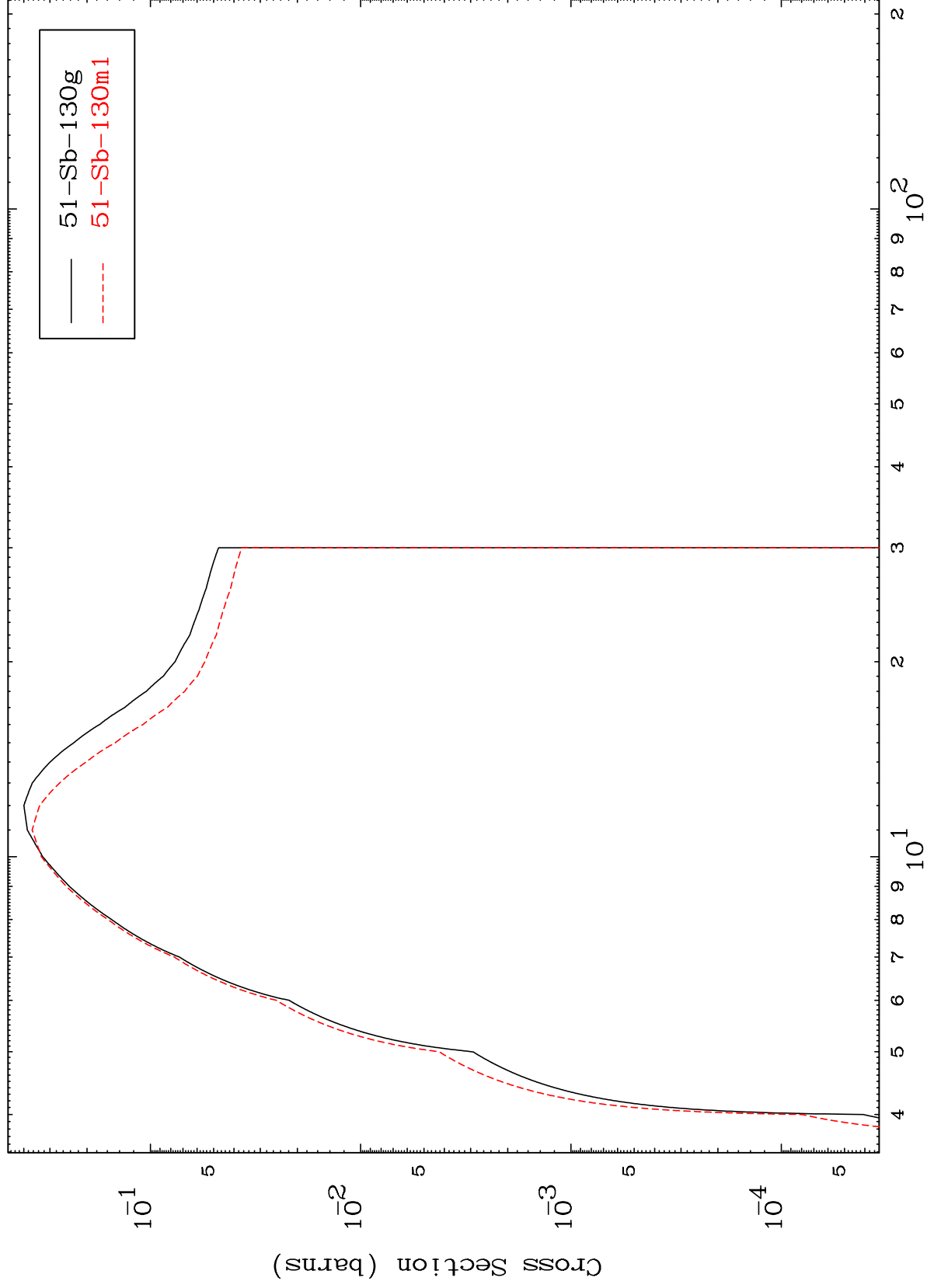
(n,2n) d
Radionuclide Production Cross Section



MAT 5083

50-Sn-131m

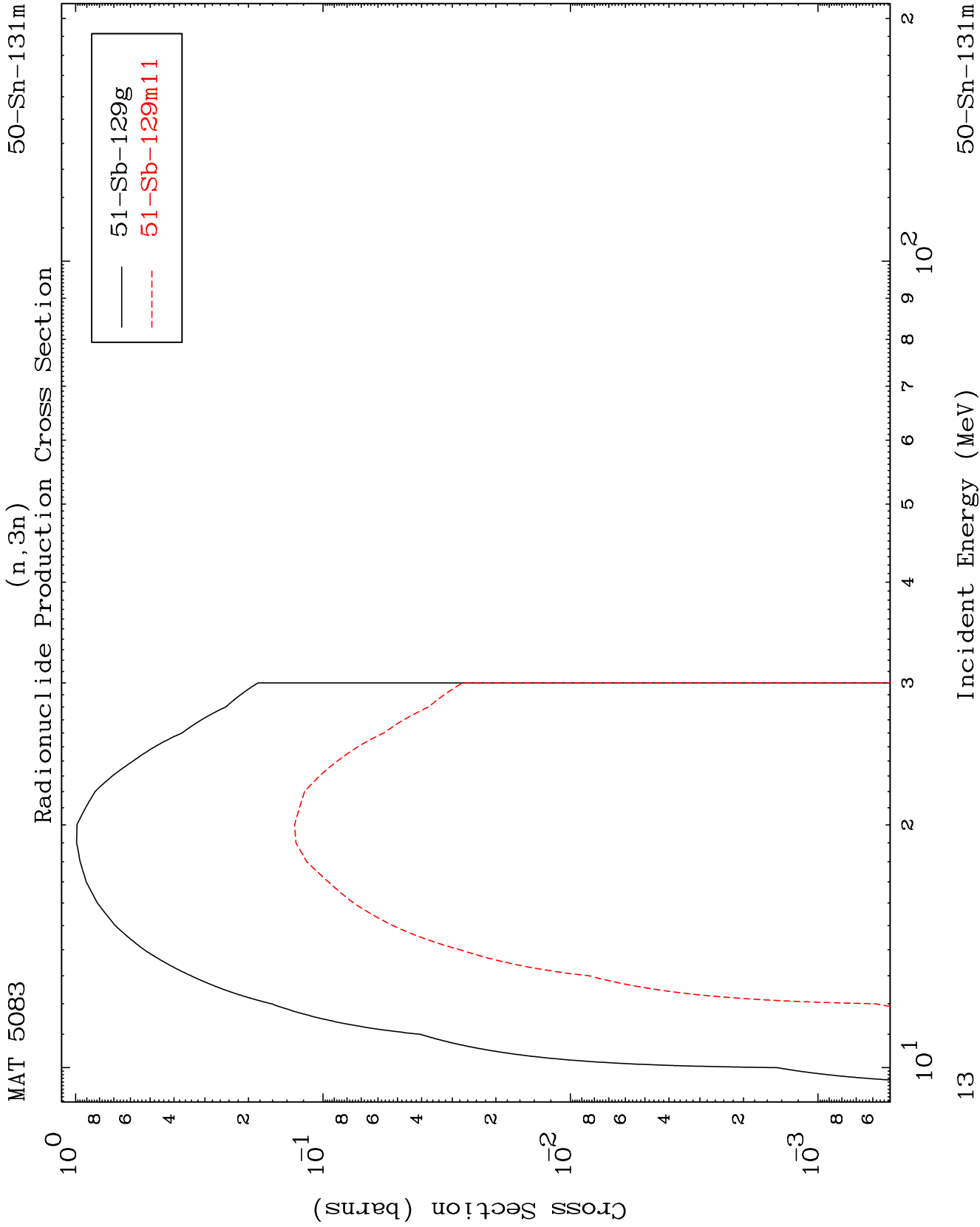
(n,2n)
Radionuclide Production Cross Section

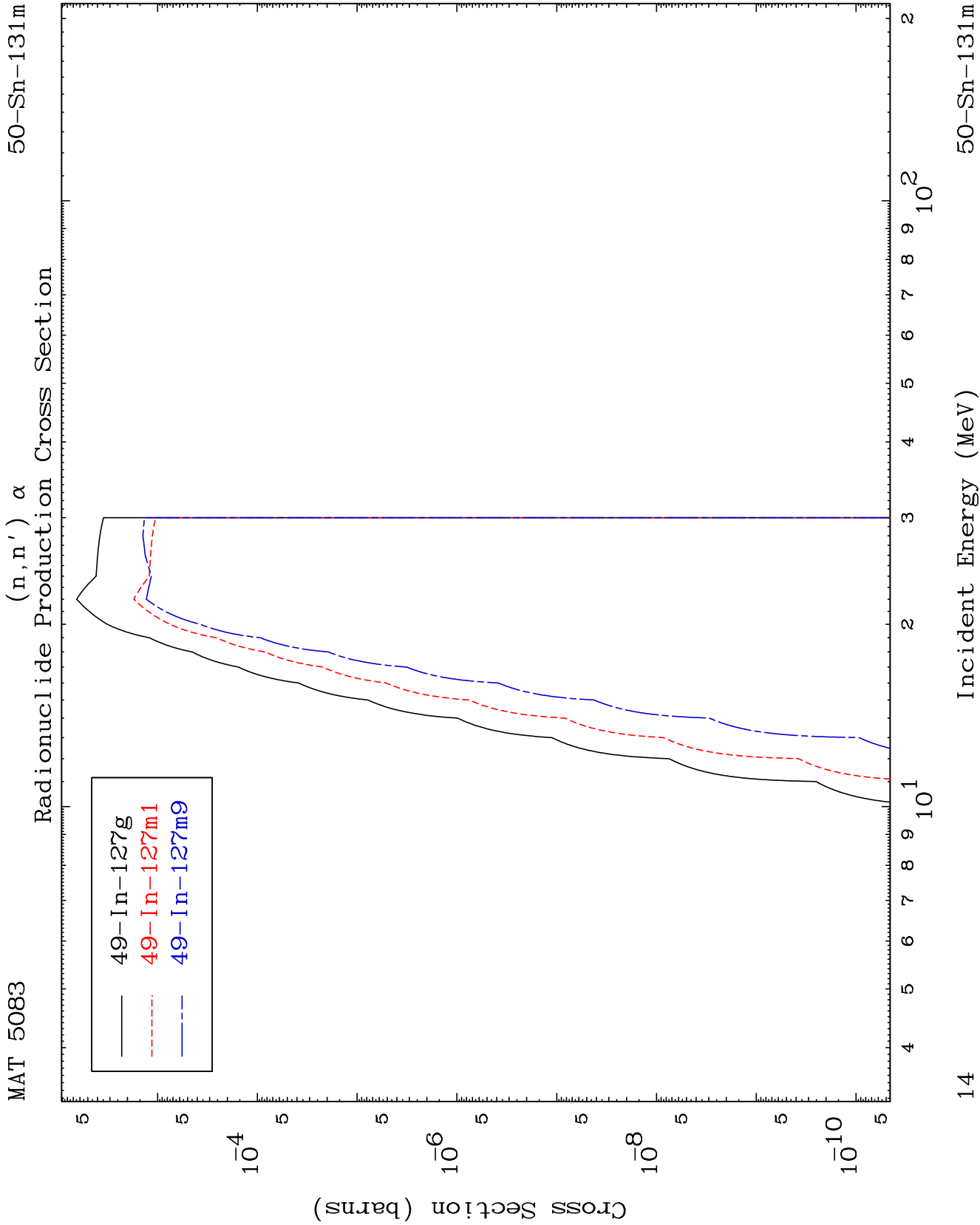


50-Sn-131m

Incident Energy (MeV)

12

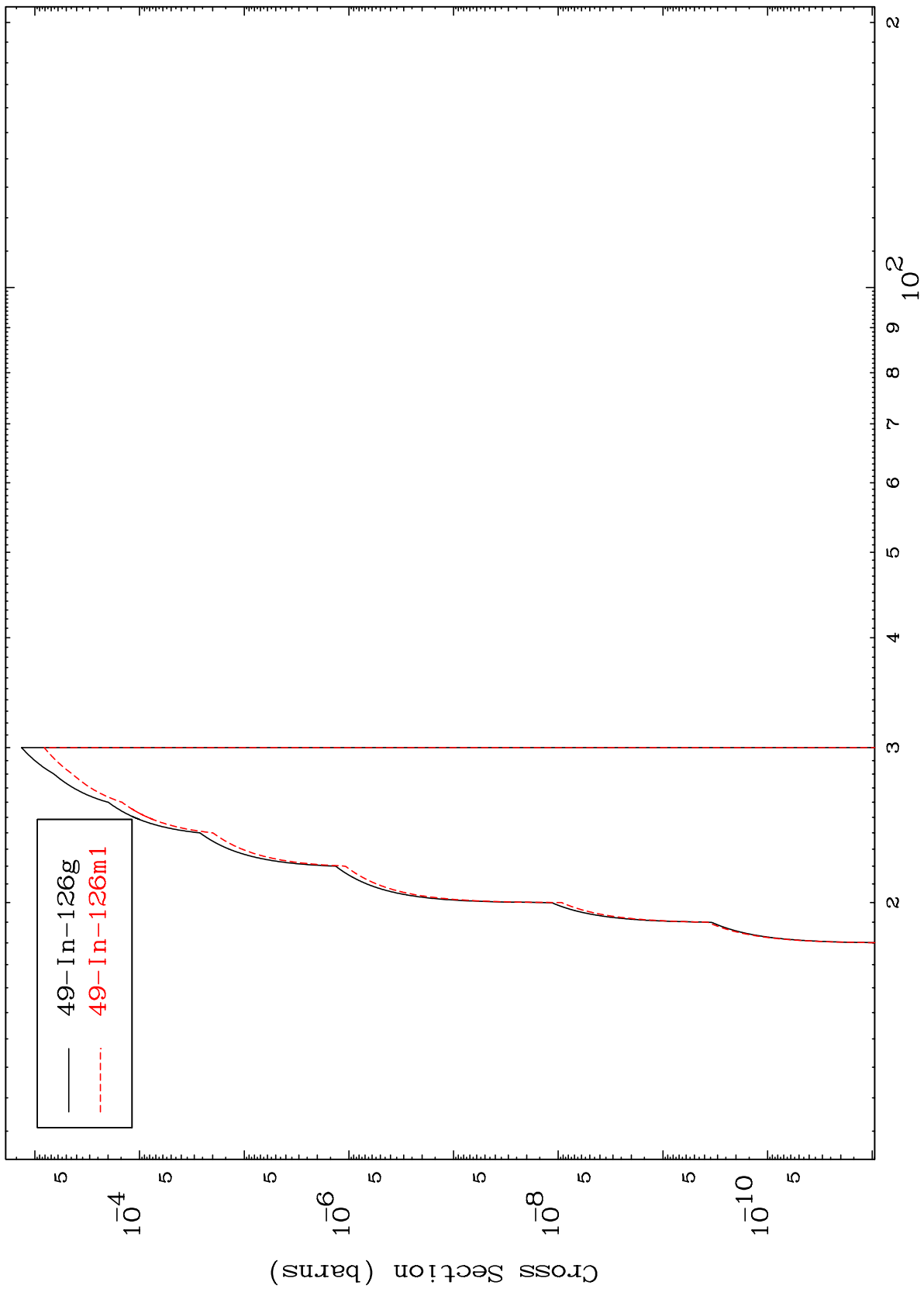




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50-Sn-131m

Radionuclide Production Cross Section
(n,2n) α



15

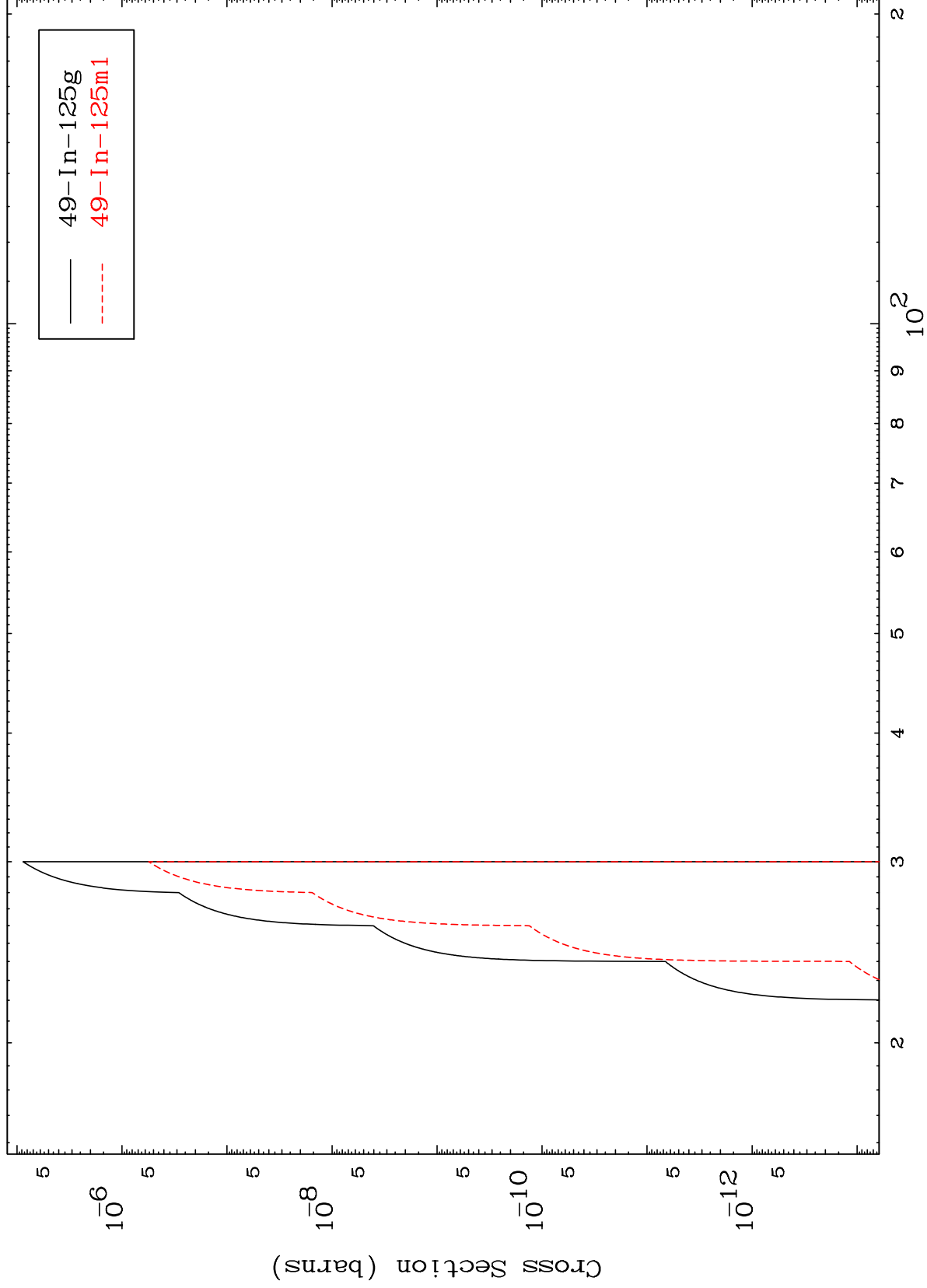
Incident Energy (MeV)

50-Sn-131m

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50-Sn-131m

$(n,3n) \alpha$
Radionuclide Production Cross Section



16

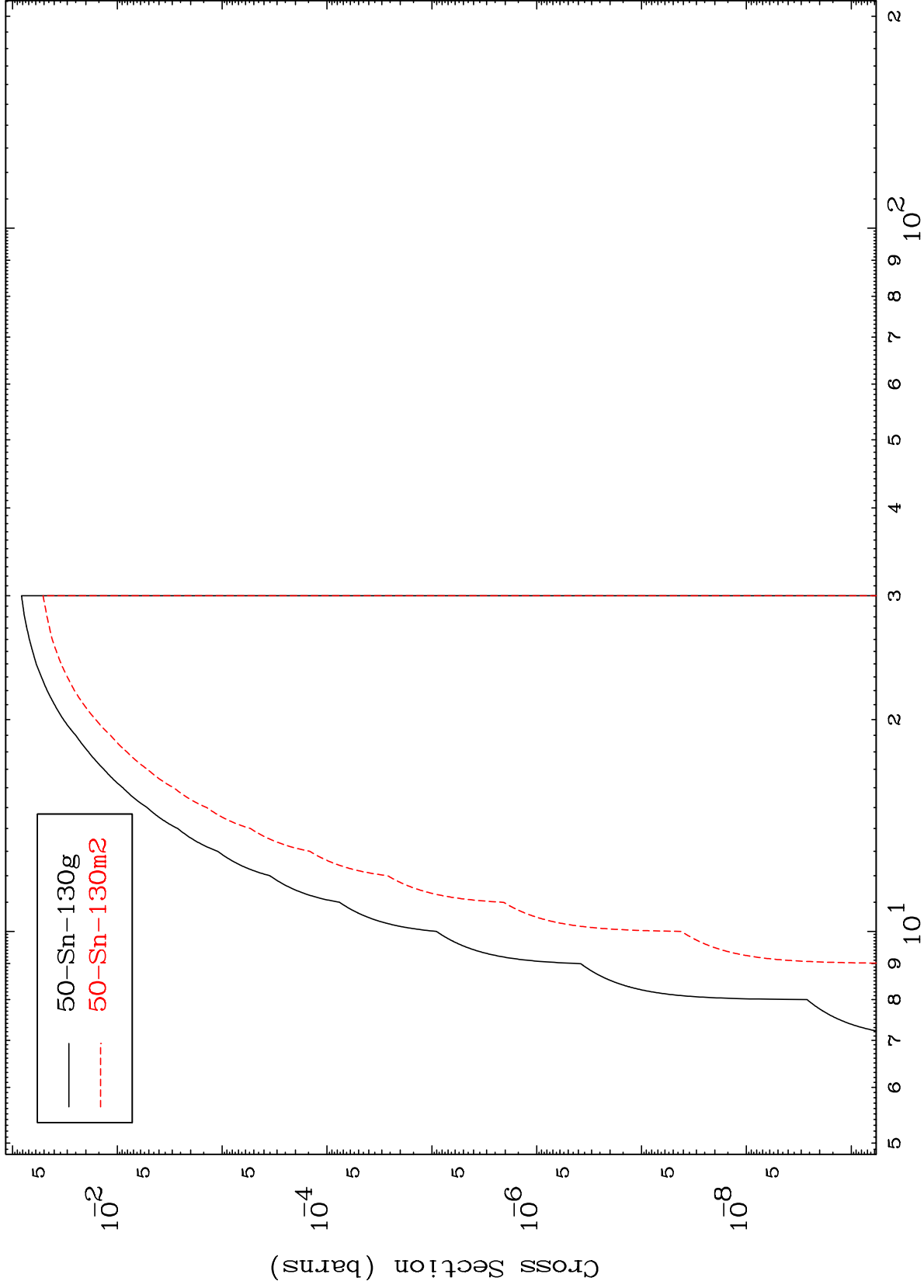
Incident Energy (MeV)

50-Sn-131m

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50-Sn-131m

(n,n') p
Radionuclide Production Cross Section



50-Sn-131m

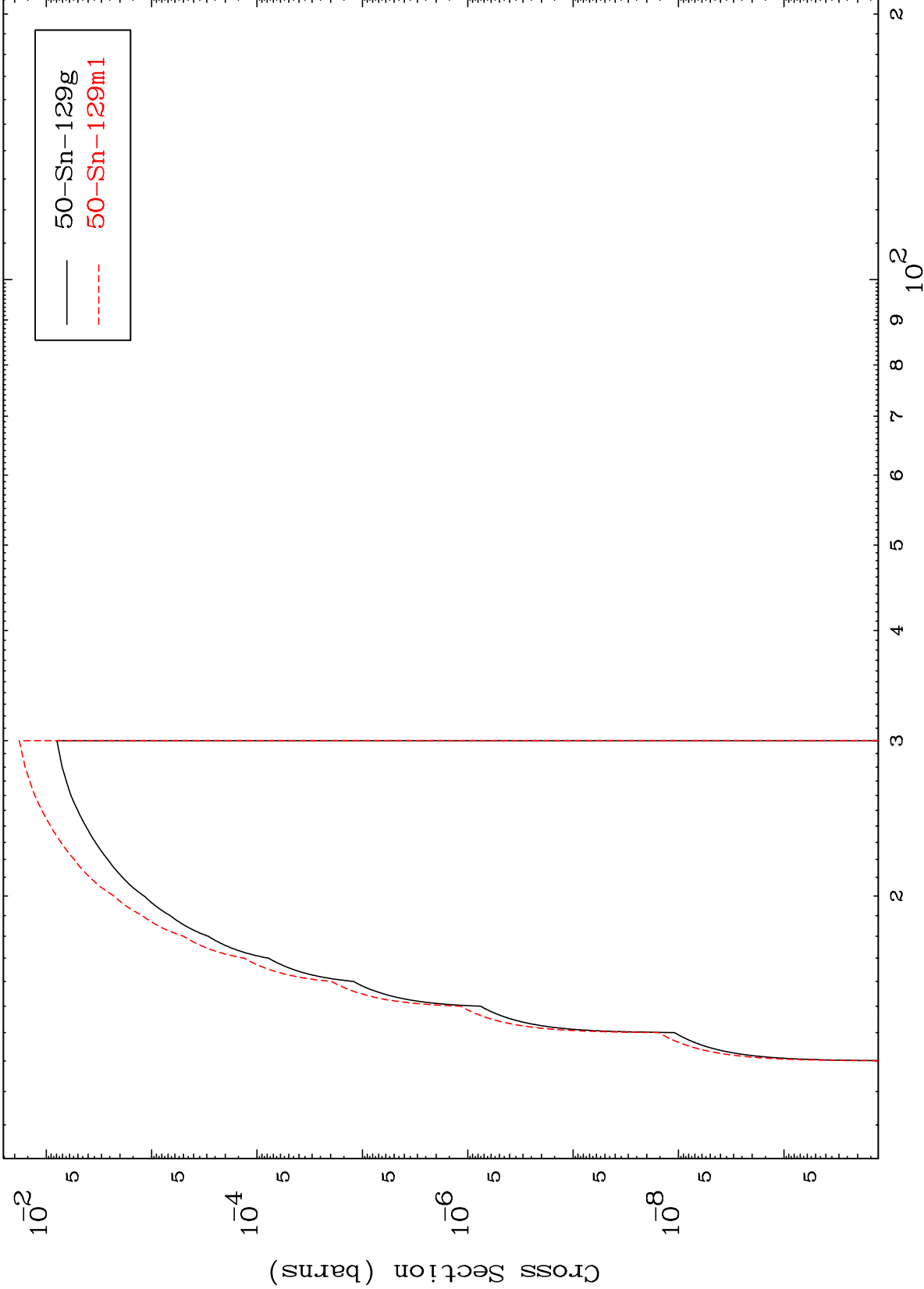
Incident Energy (MeV)

17

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50-Sn-131m

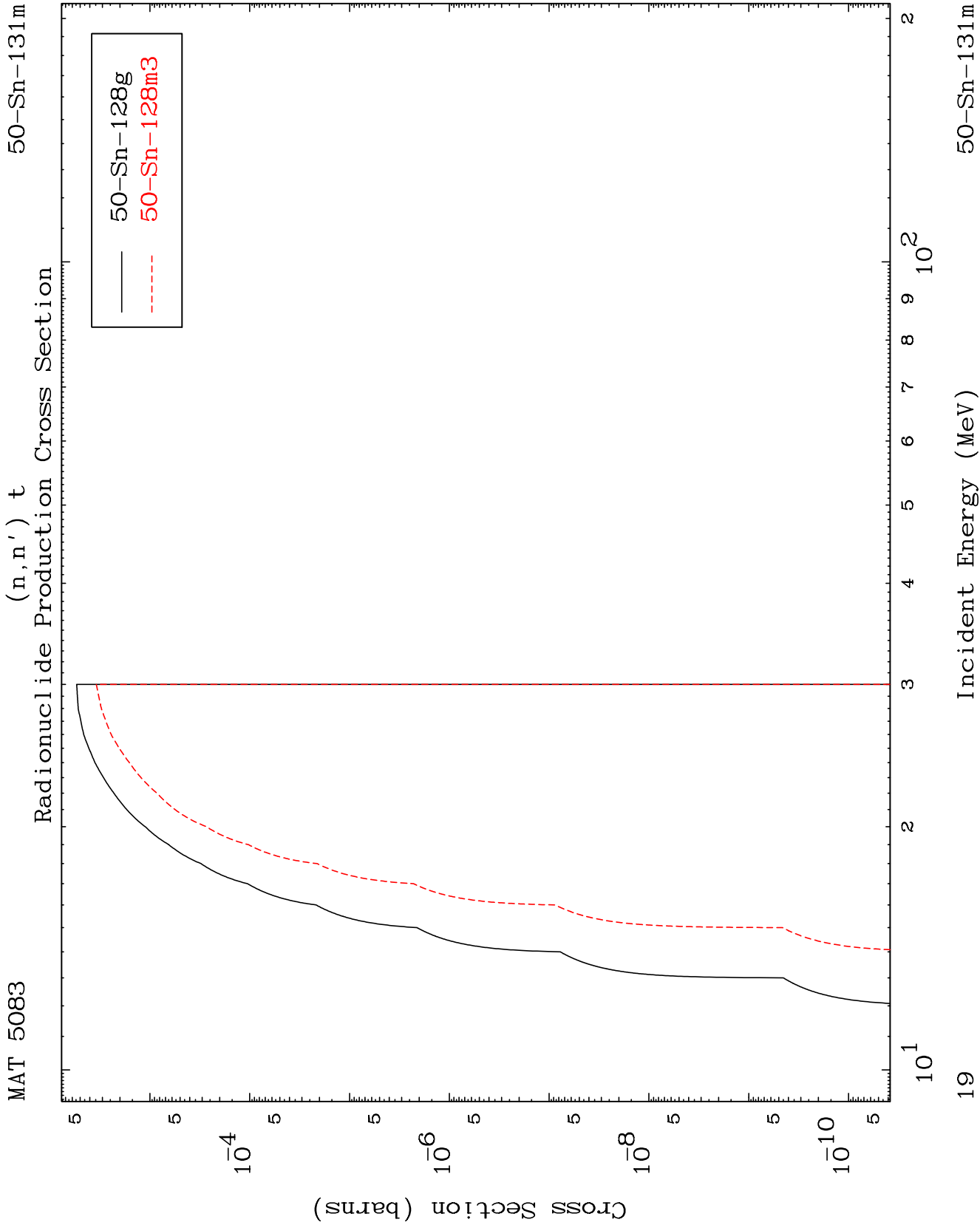
(n,n') d
Radionuclide Production Cross Section

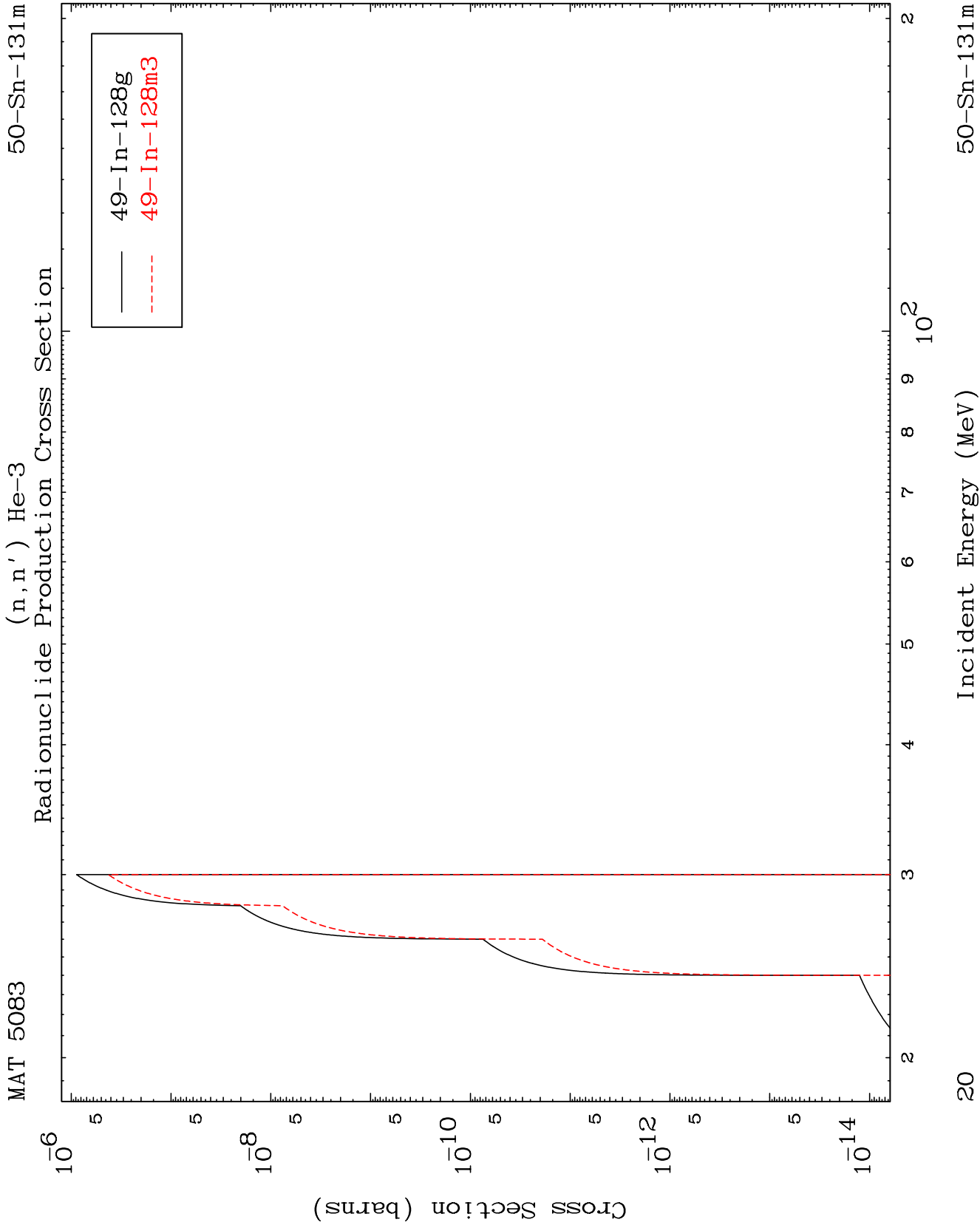


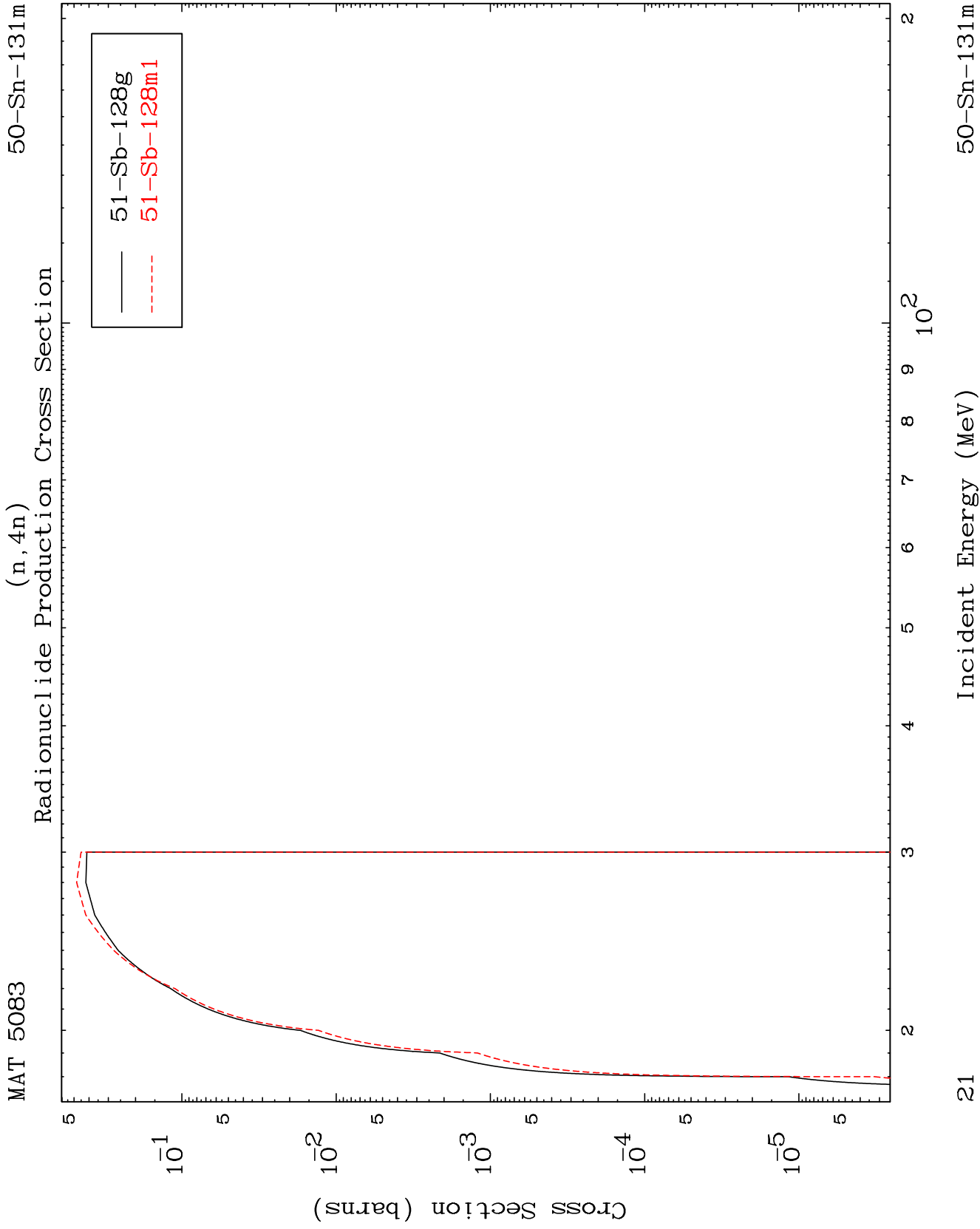
50-Sn-131m

Incident Energy (MeV)

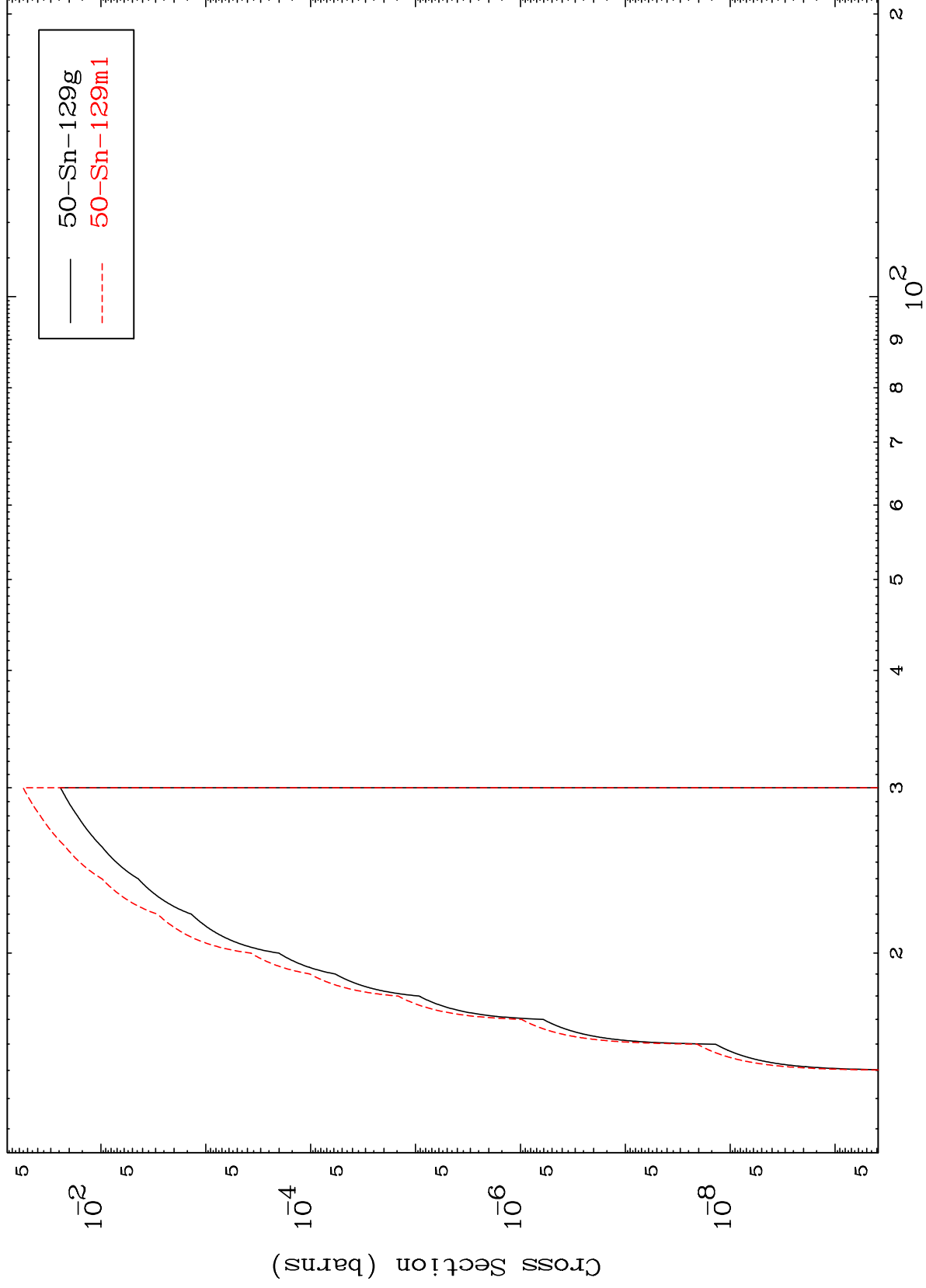
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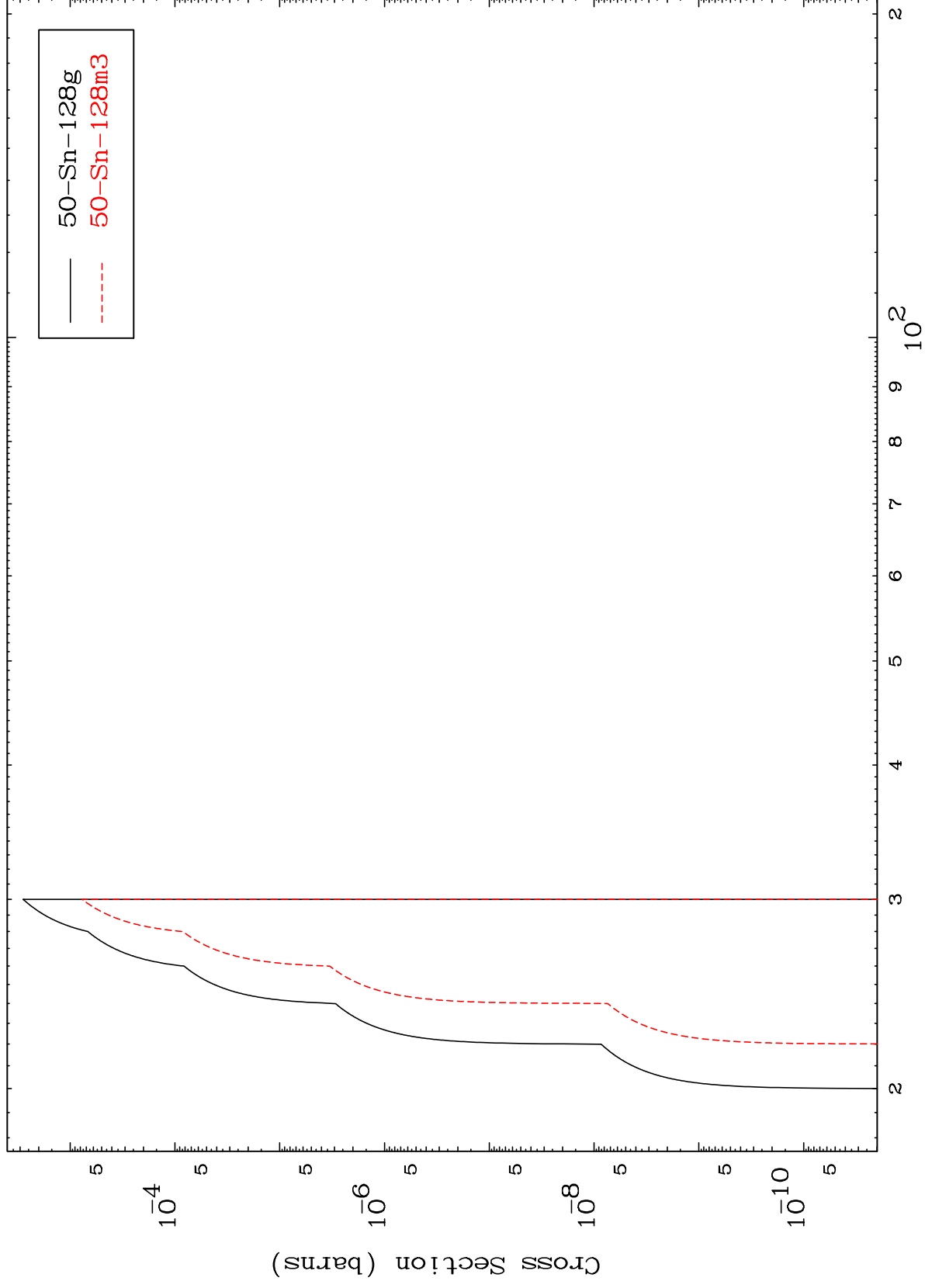


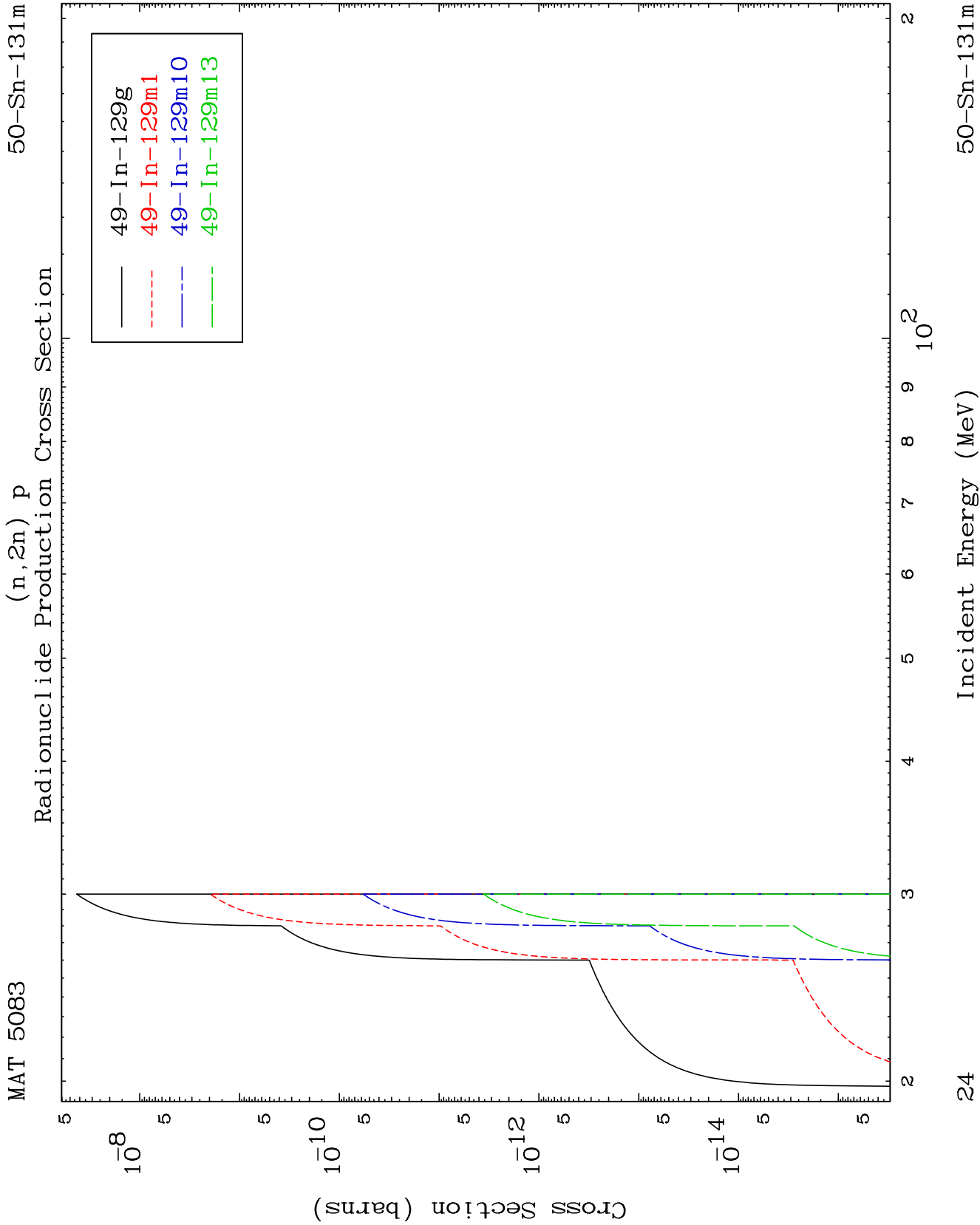


Radionuclide Production Cross Section



Radionuclide Production Cross Section

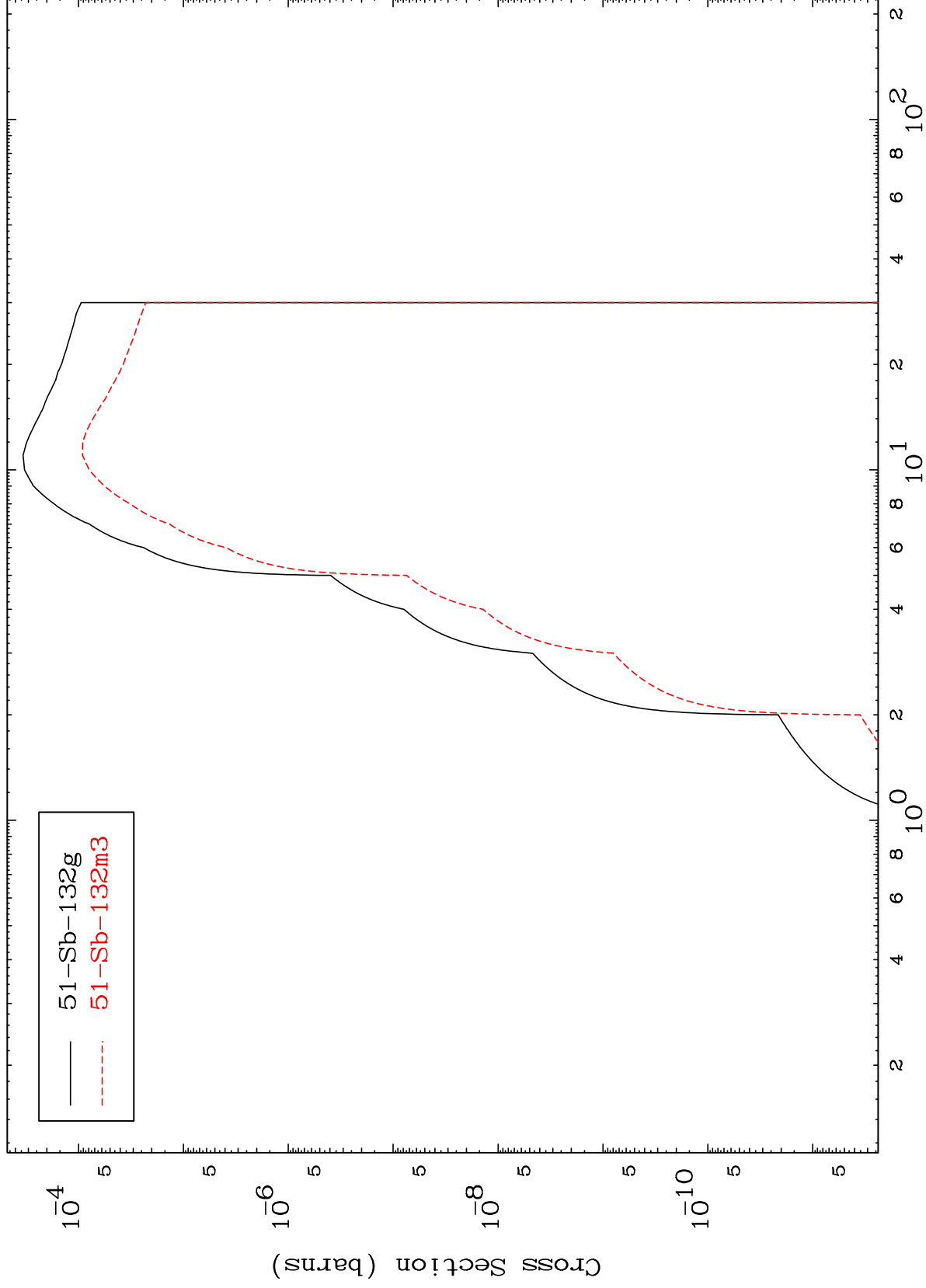




MAT 5083

50-Sn-131m

Radionuclide Production Cross Section
(n, γ)



25

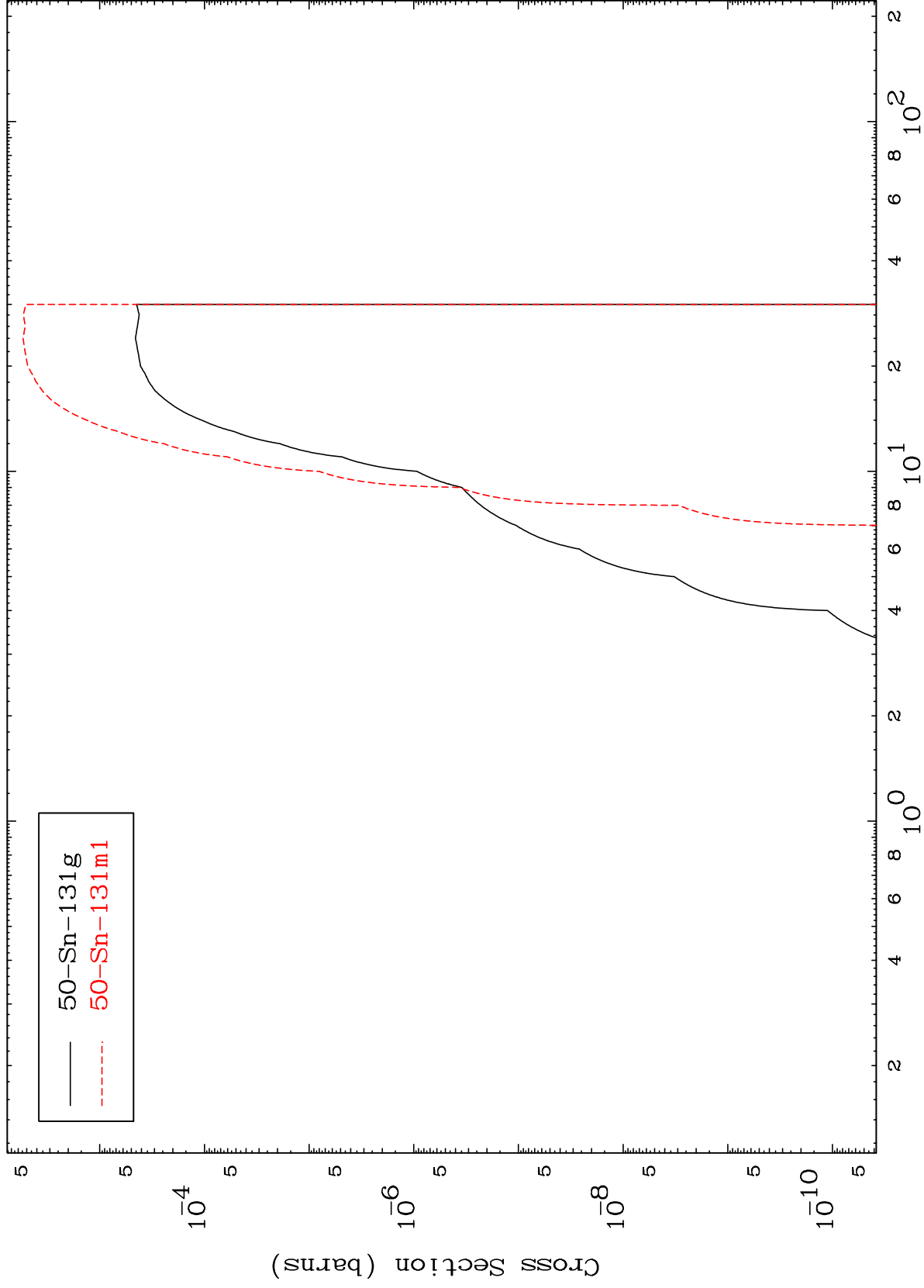
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,p)
Radionuclide Production Cross Section



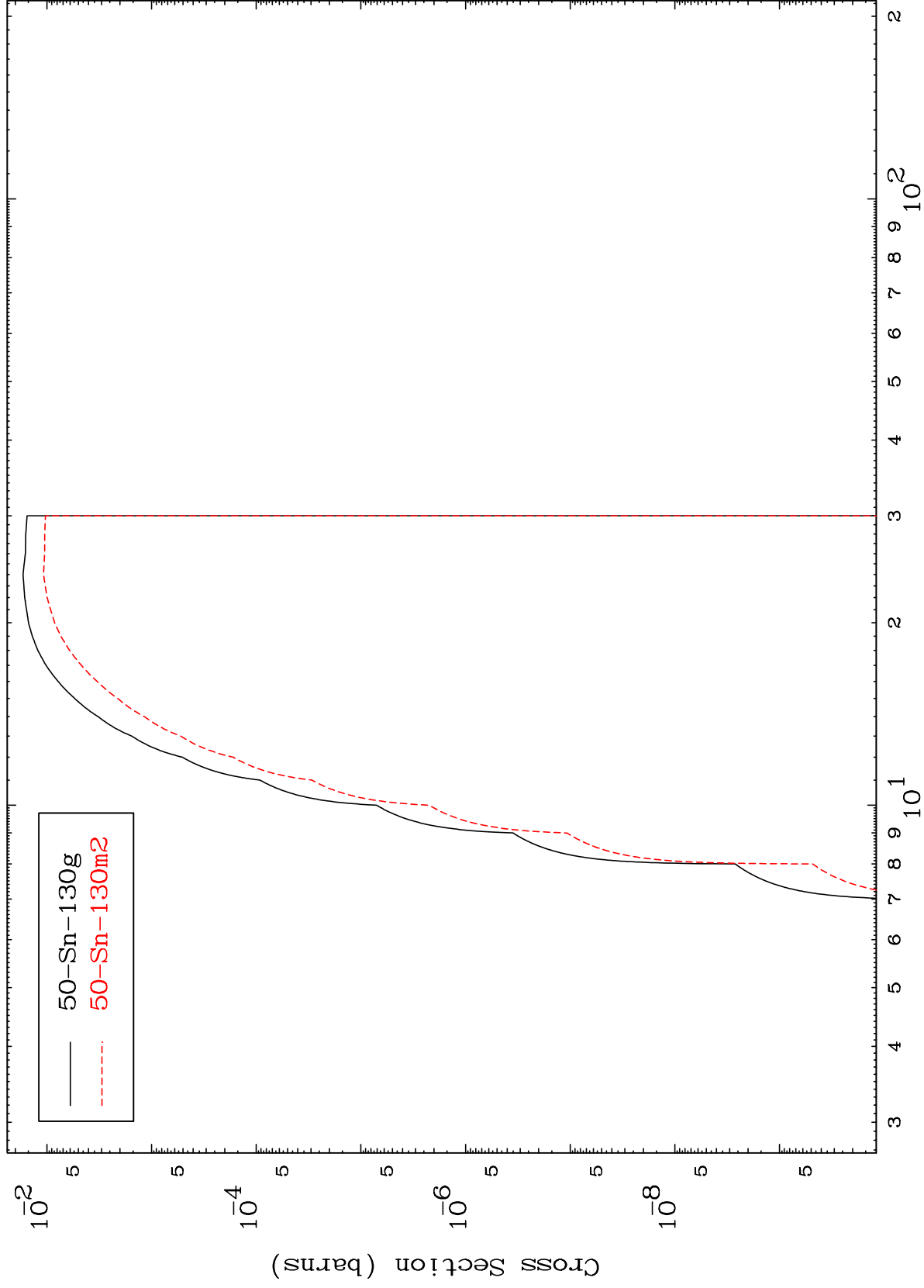
26

50-Sn-131m

MAT 5083

50-Sn-131m

Radionuclide Production Cross Section
(n,d)



27

50-Sn-131m

Radionuclide Production Cross Section (n,t)

