

Program EVALPLOT
(Version 2021-1)

by

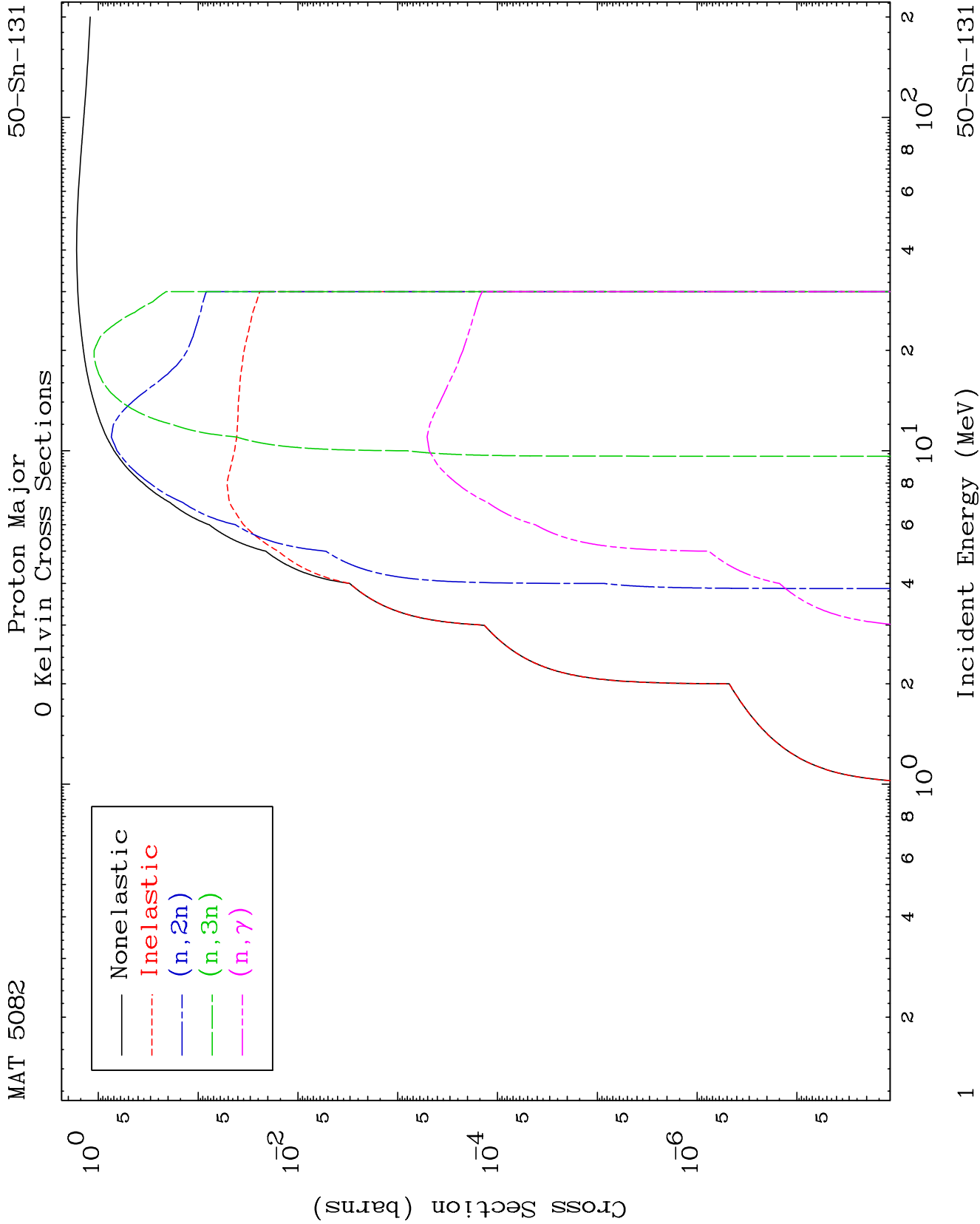
Dermott E. Cullen
(Present Contact Information)

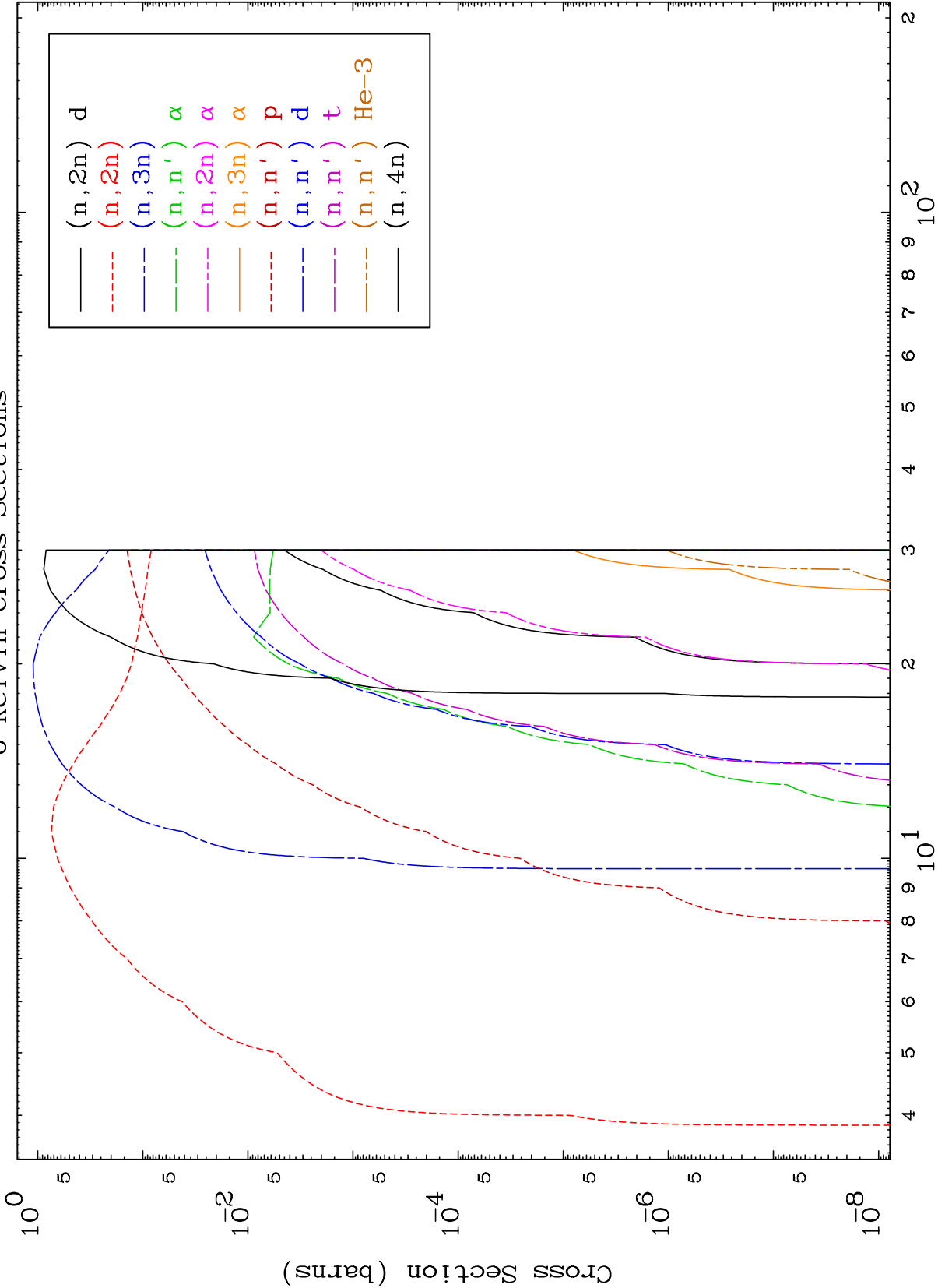
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

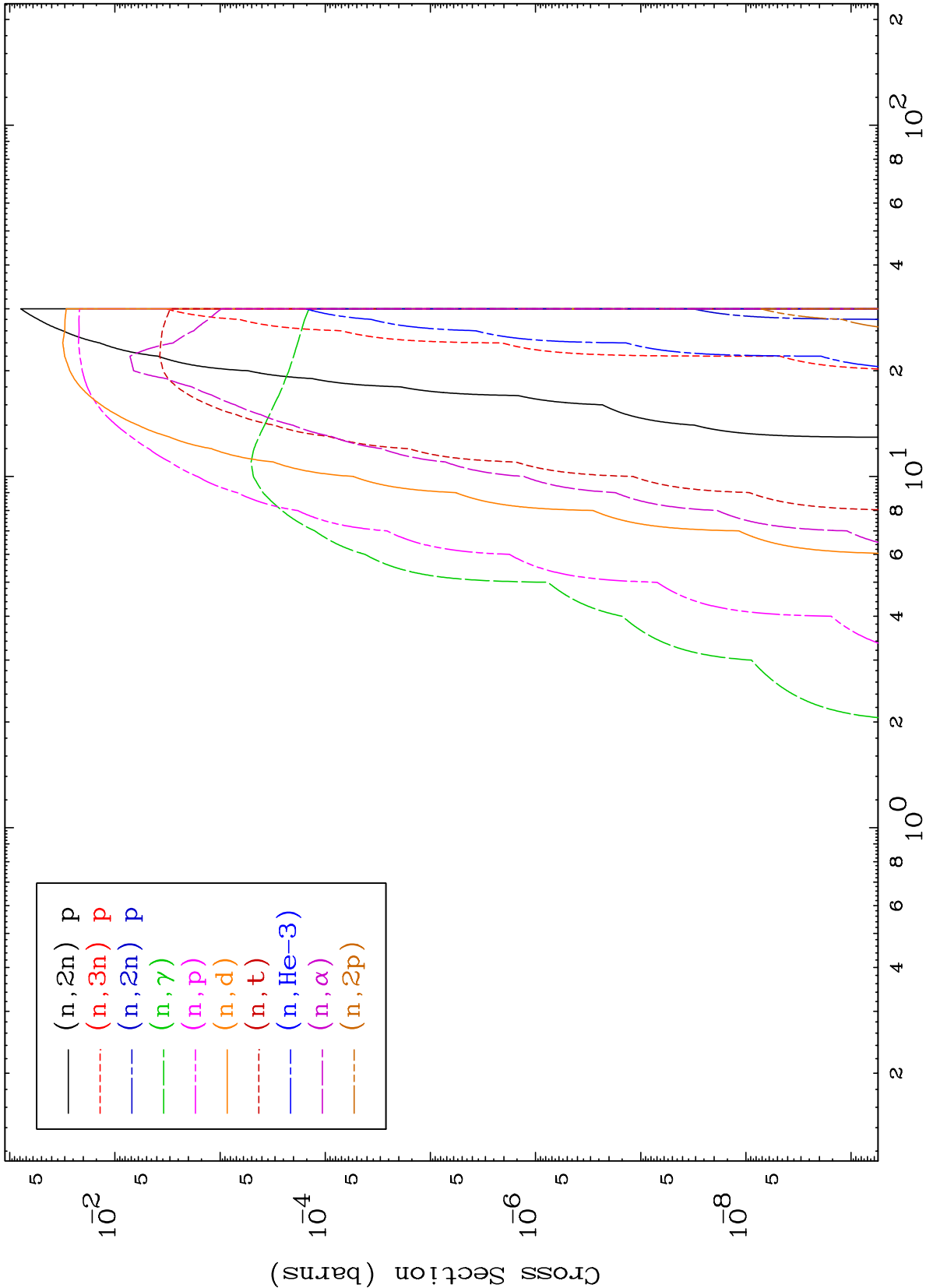
Tele: 925-443-1911

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

Press Mouse Button to Start



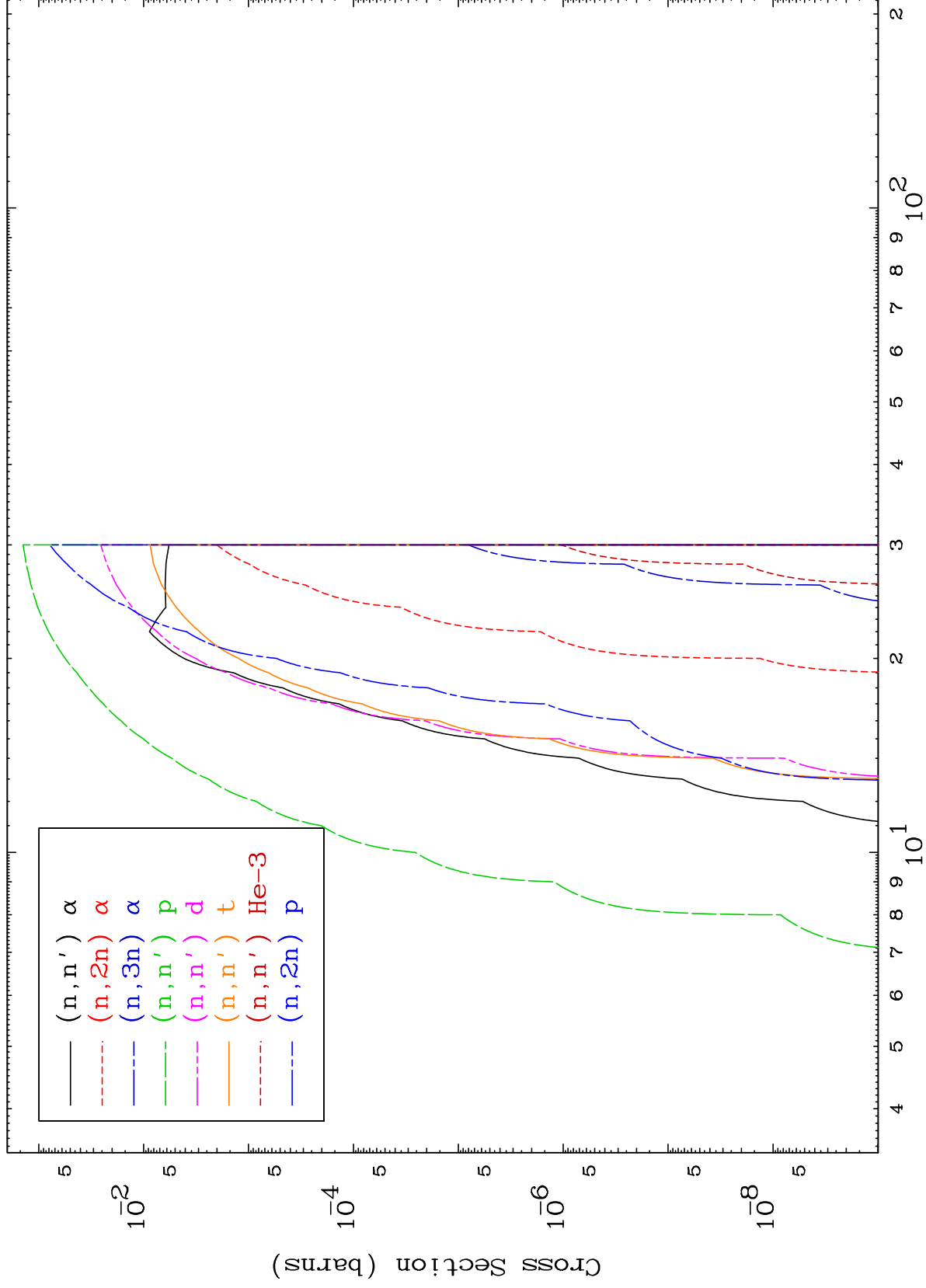




MAT 5082

Proton Charged Particle
0 Kelvin Cross Sections

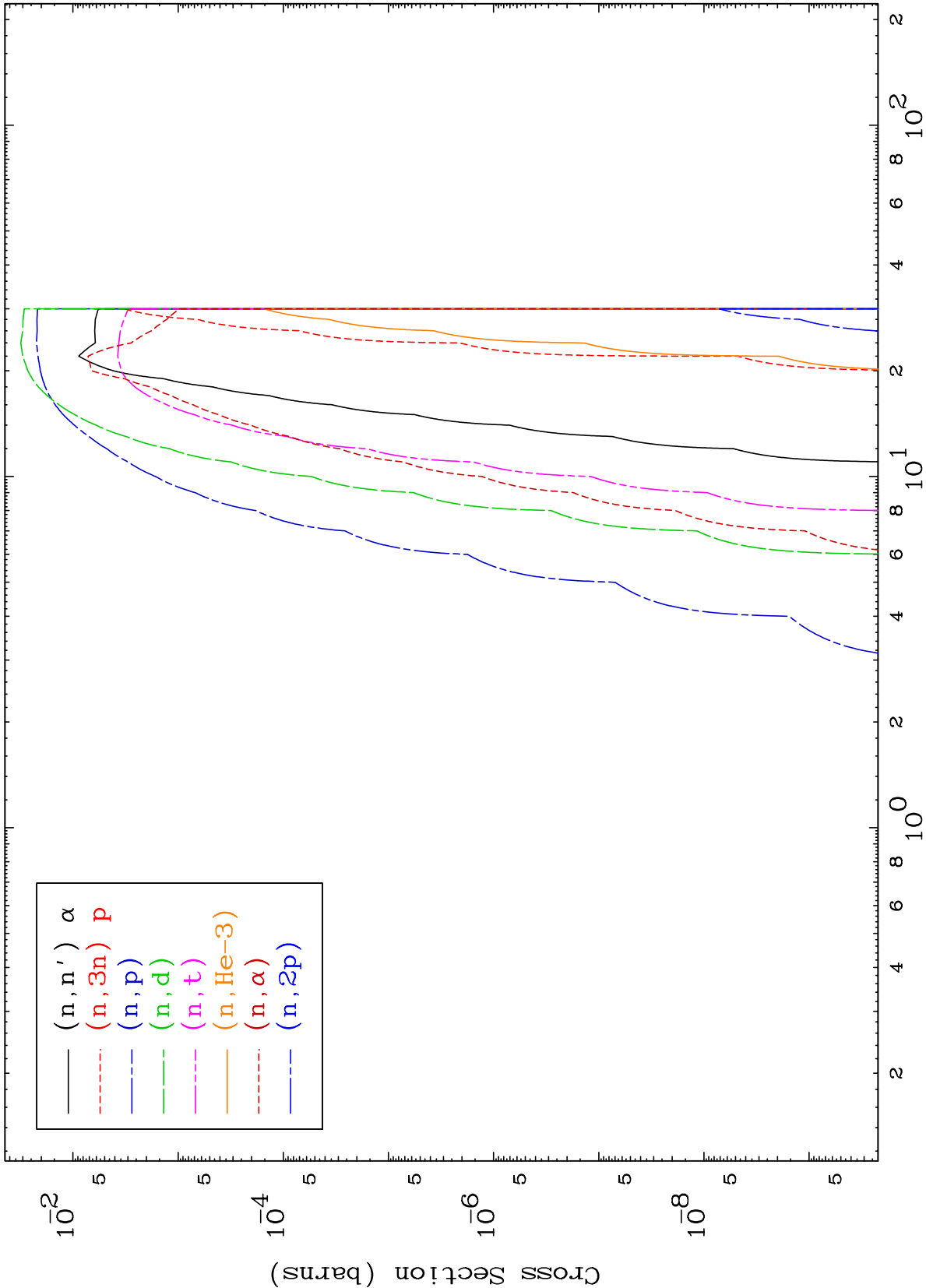
50-Sn-131



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Incident Energy (MeV)

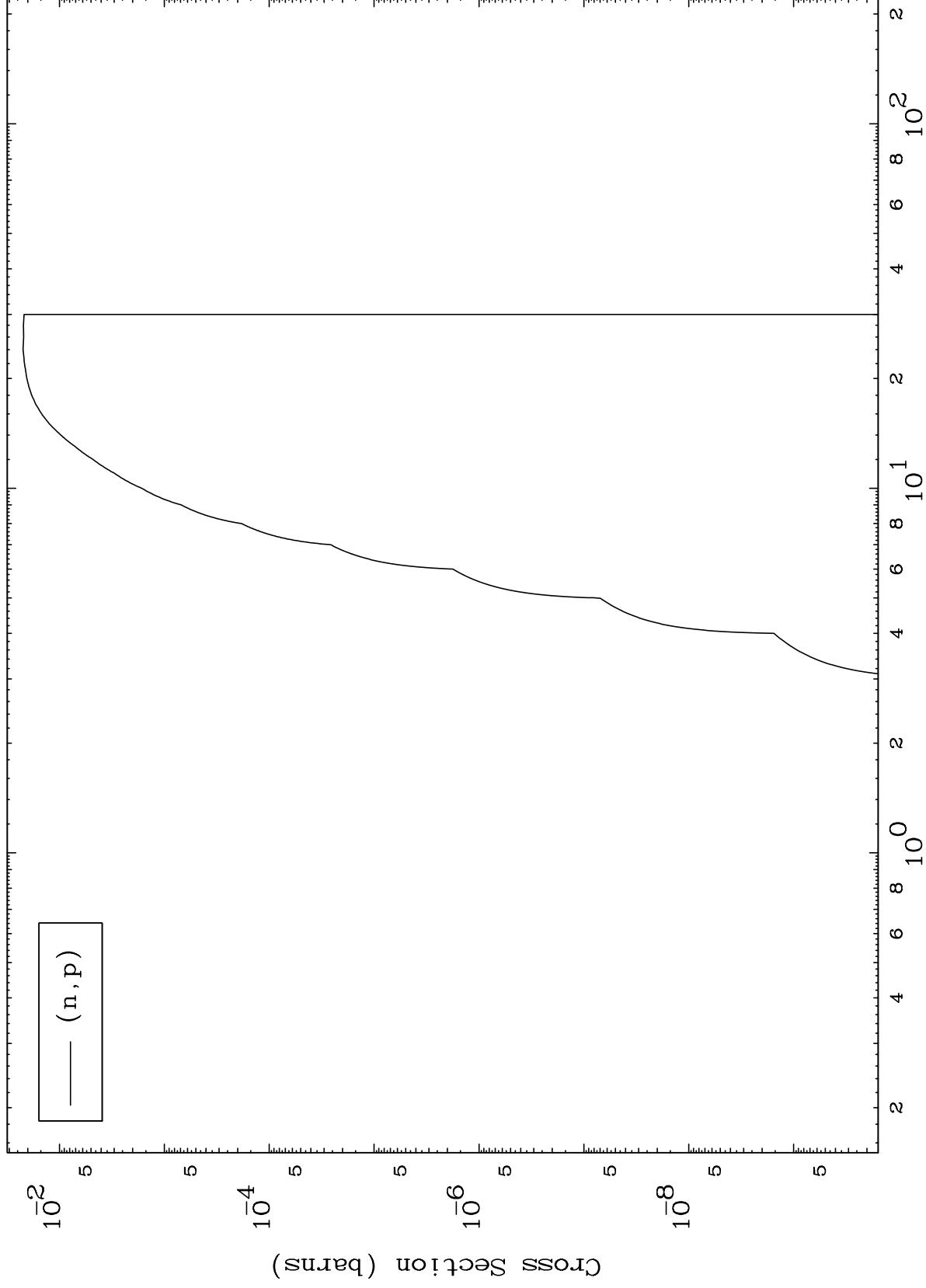
50-Sn-131



MAT 5082

50-Sn-131

(p,p) Levels
0 Kelvin Cross Sections



50-Sn-131

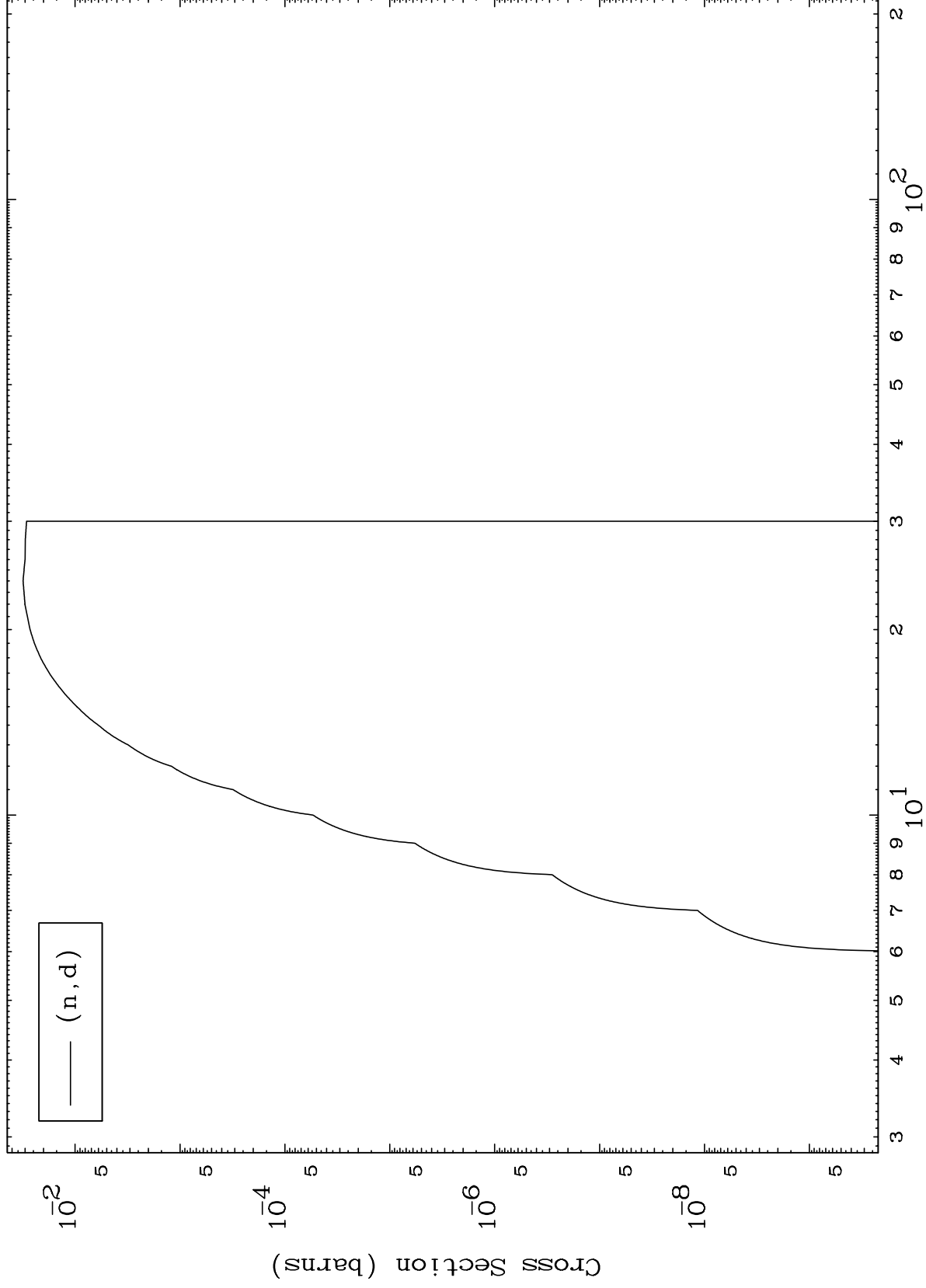
Incident Energy (MeV)

6

MAT 5082

50-Sn-131

(p,d) Levels
0 Kelvin Cross Sections



50-Sn-131

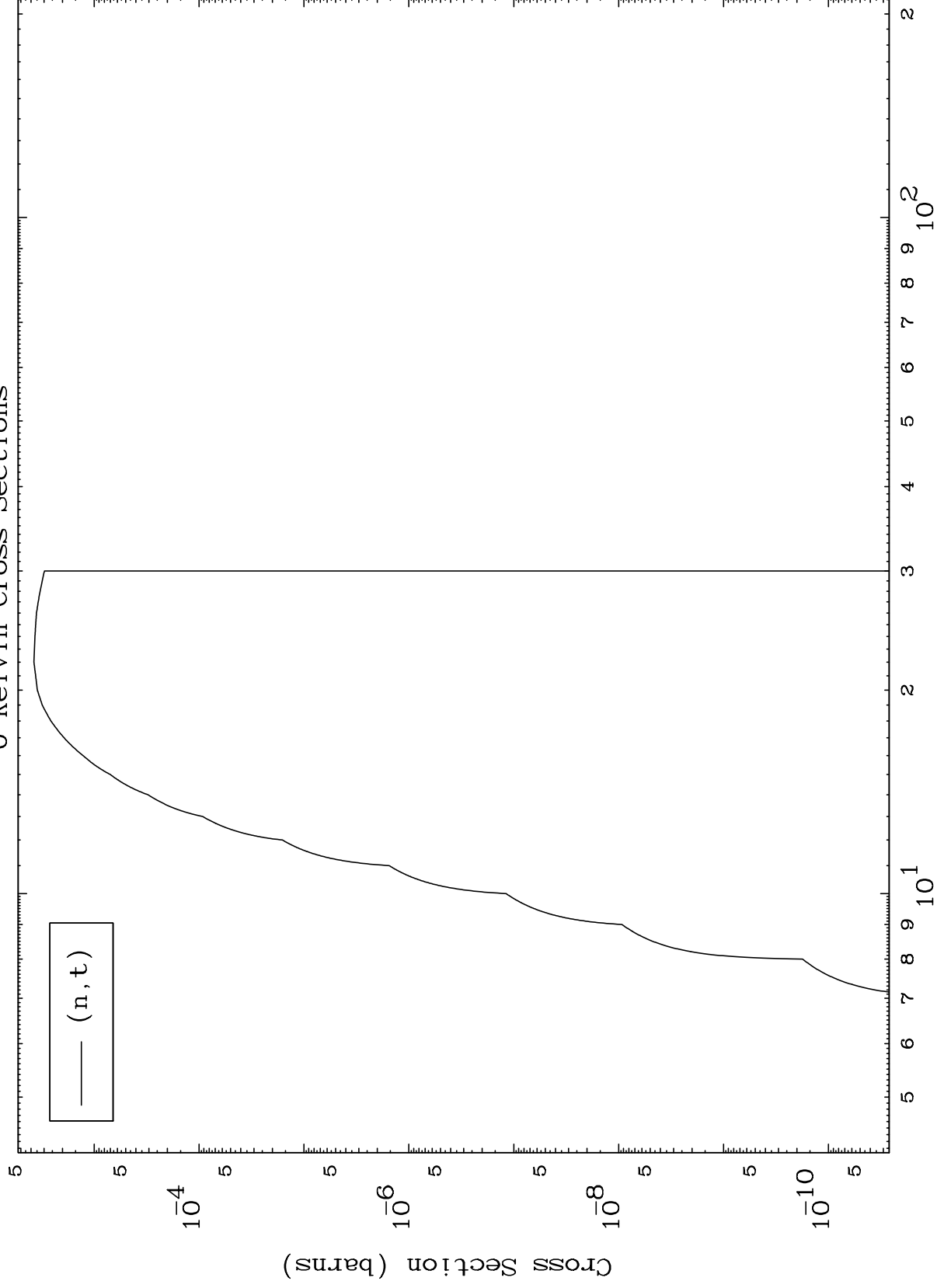
Incident Energy (MeV)

7

MAT 5082

50-Sn-131

(p,t) Levels
0 Kelvin Cross Sections

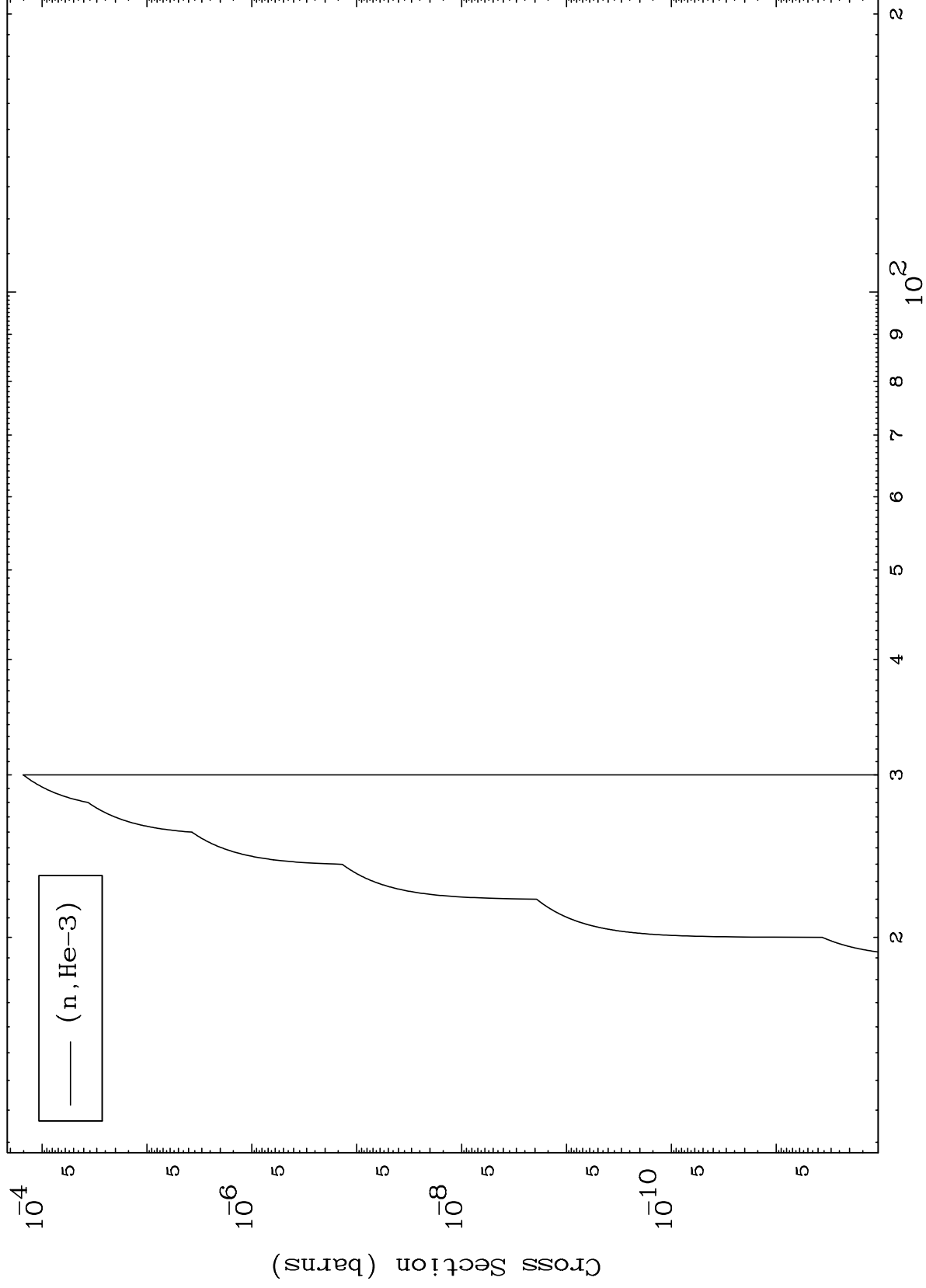


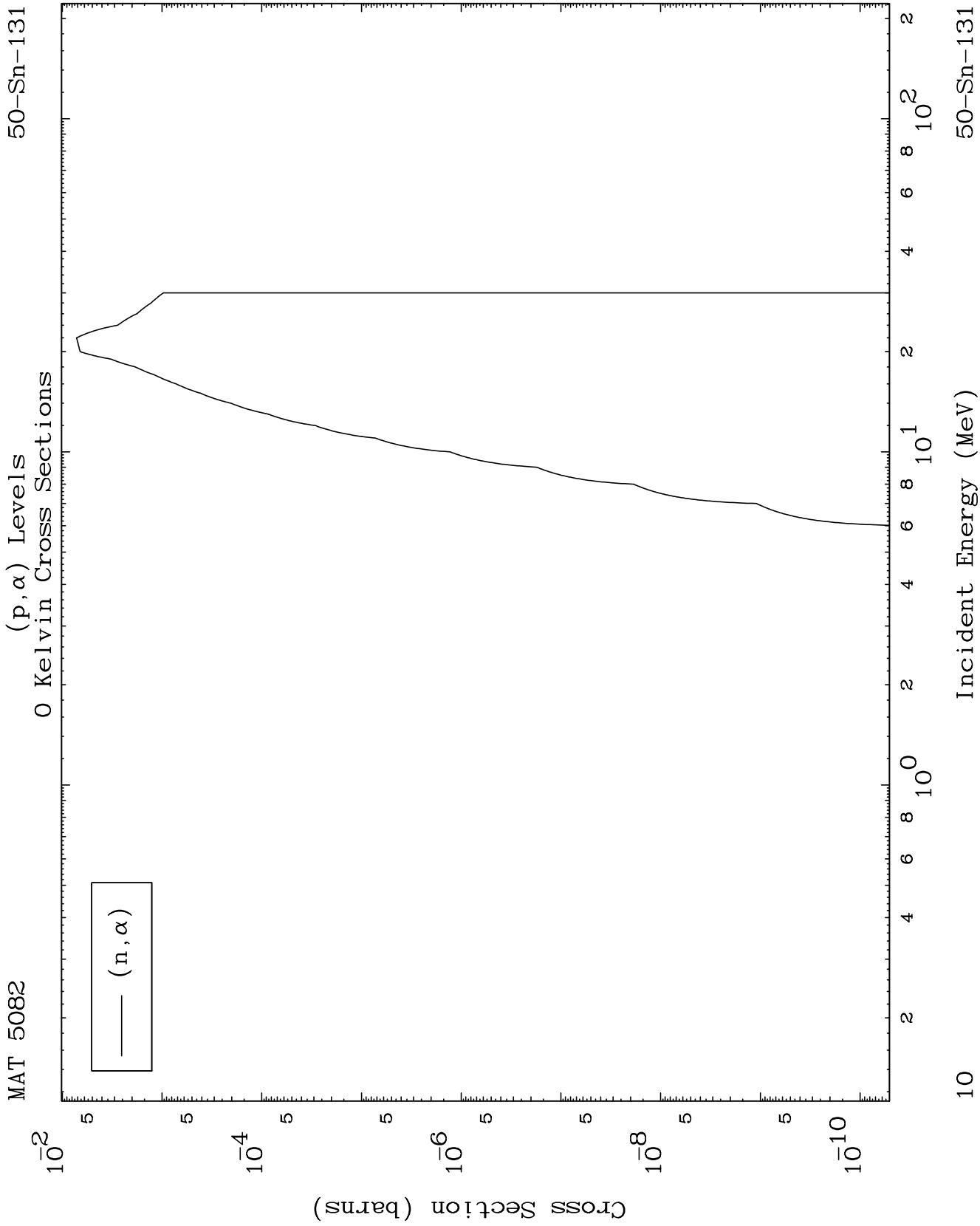
8

50-Sn-131

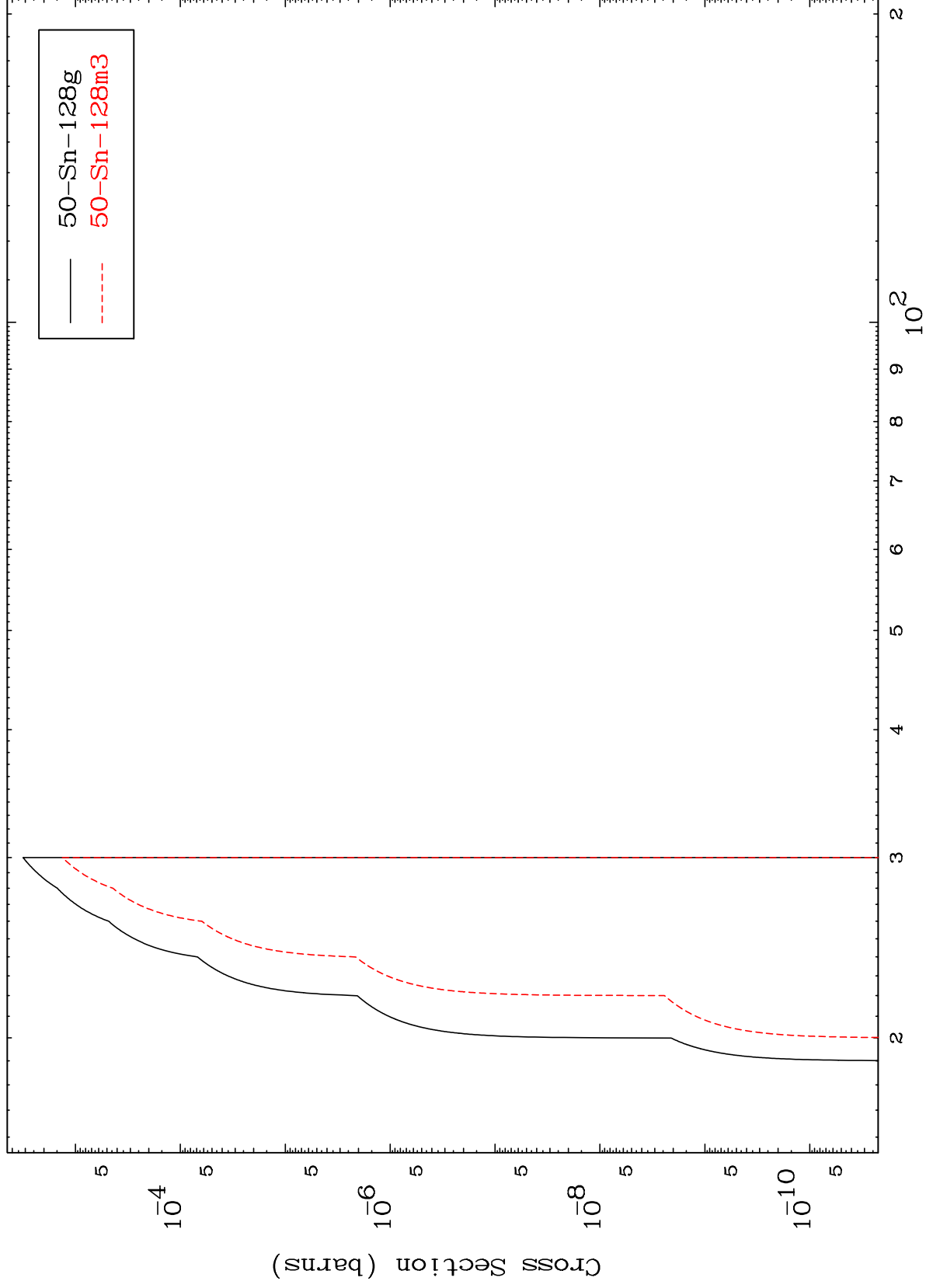
Incident Energy (MeV)

(p,He3) Levels
0 Kelvin Cross Sections





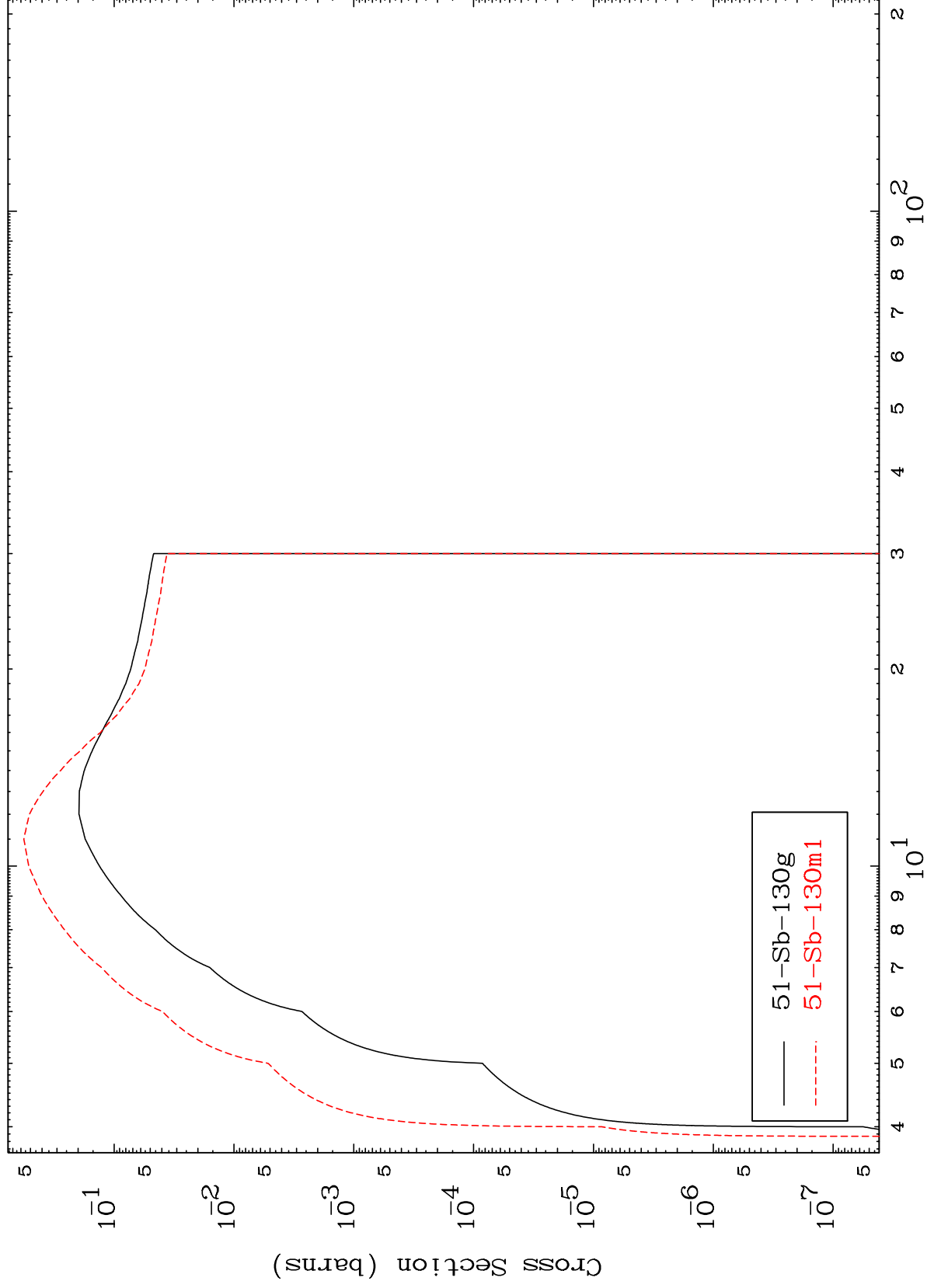
(n,2n) d
Radionuclide Production Cross Section



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50-Sn-131

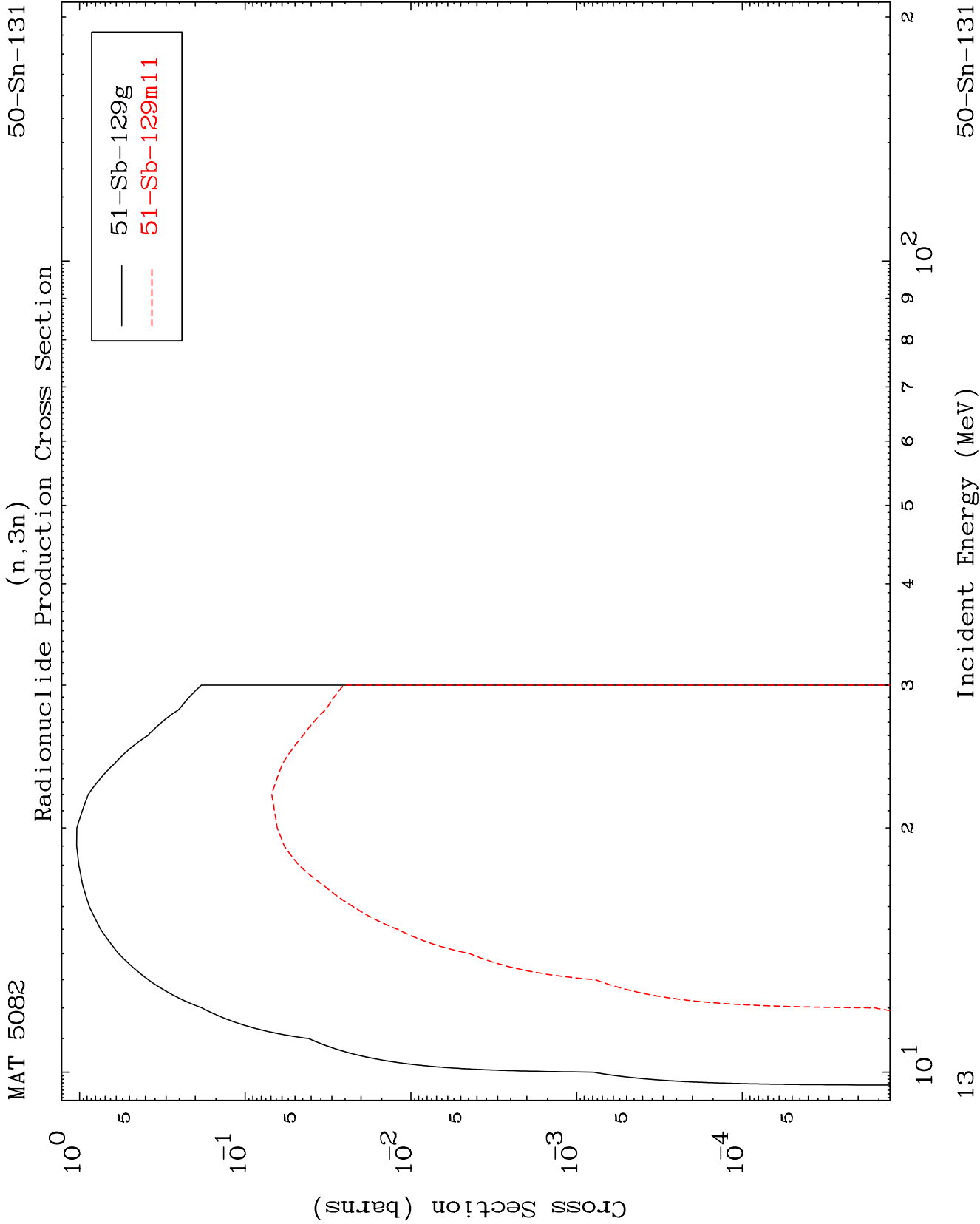
Radionuclide Production Cross Section
(n,2n)

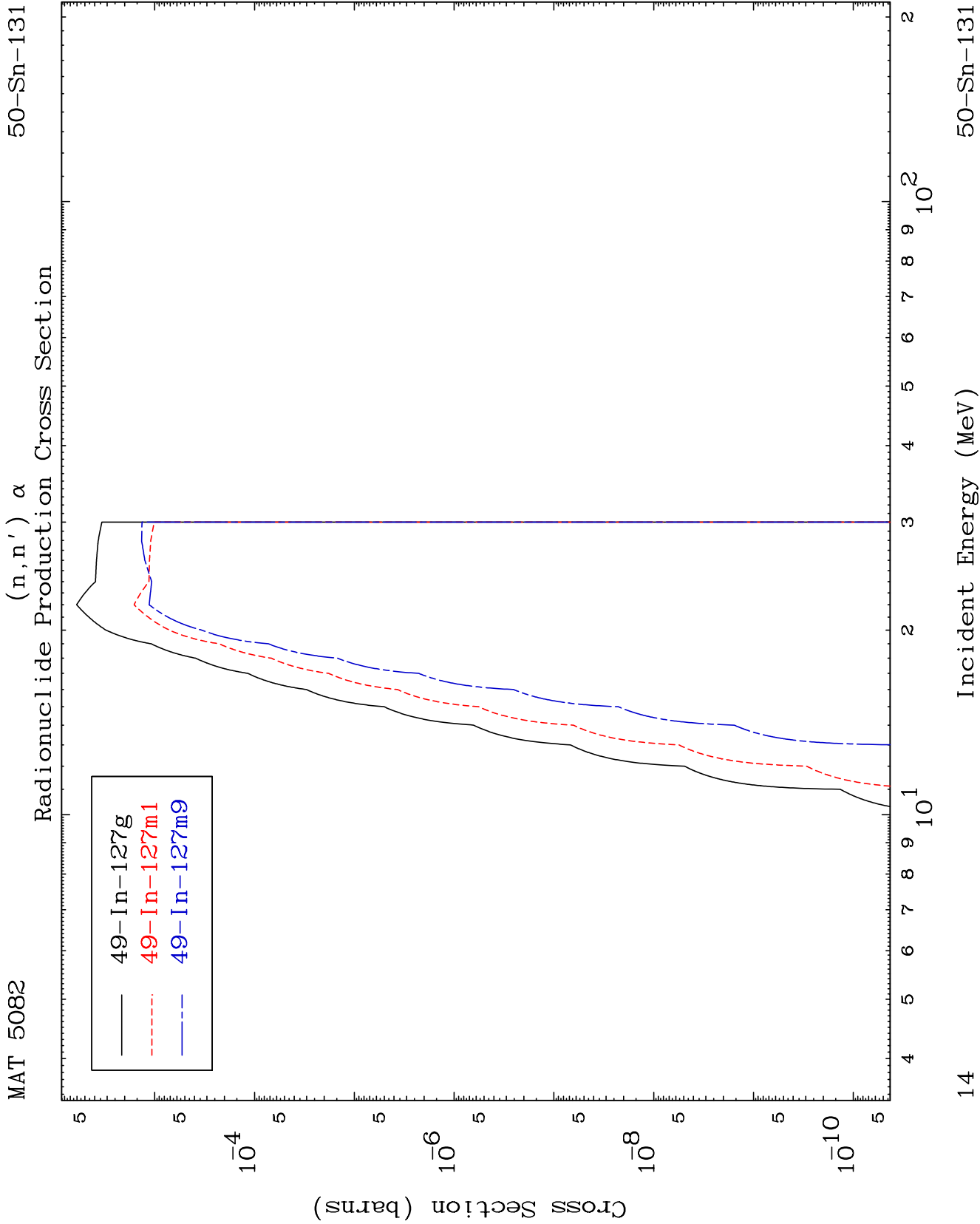


50-Sn-131

Incident Energy (MeV)

12

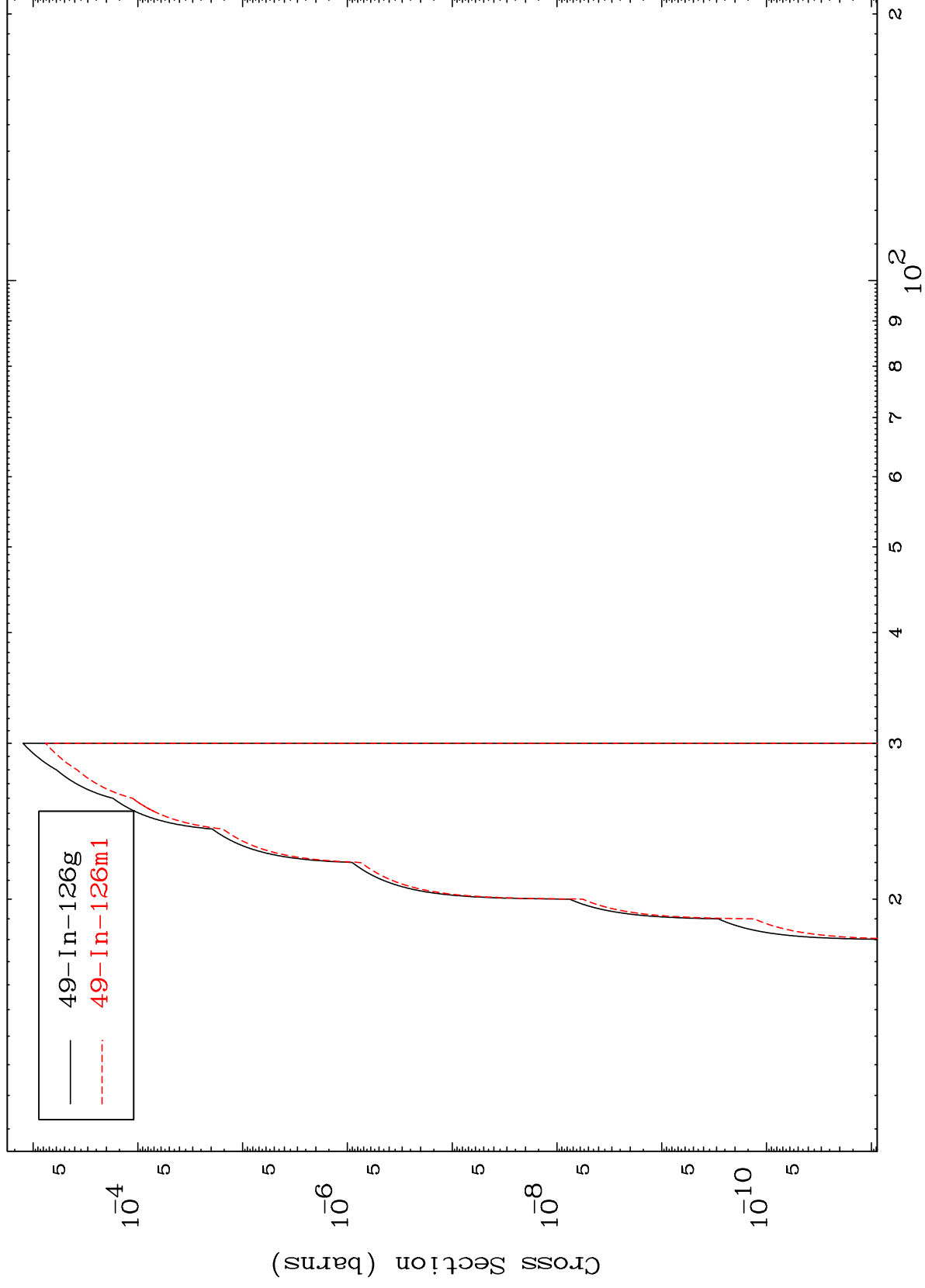




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50-Sn-131

Radionuclide Production Cross Section
(n,2n) α

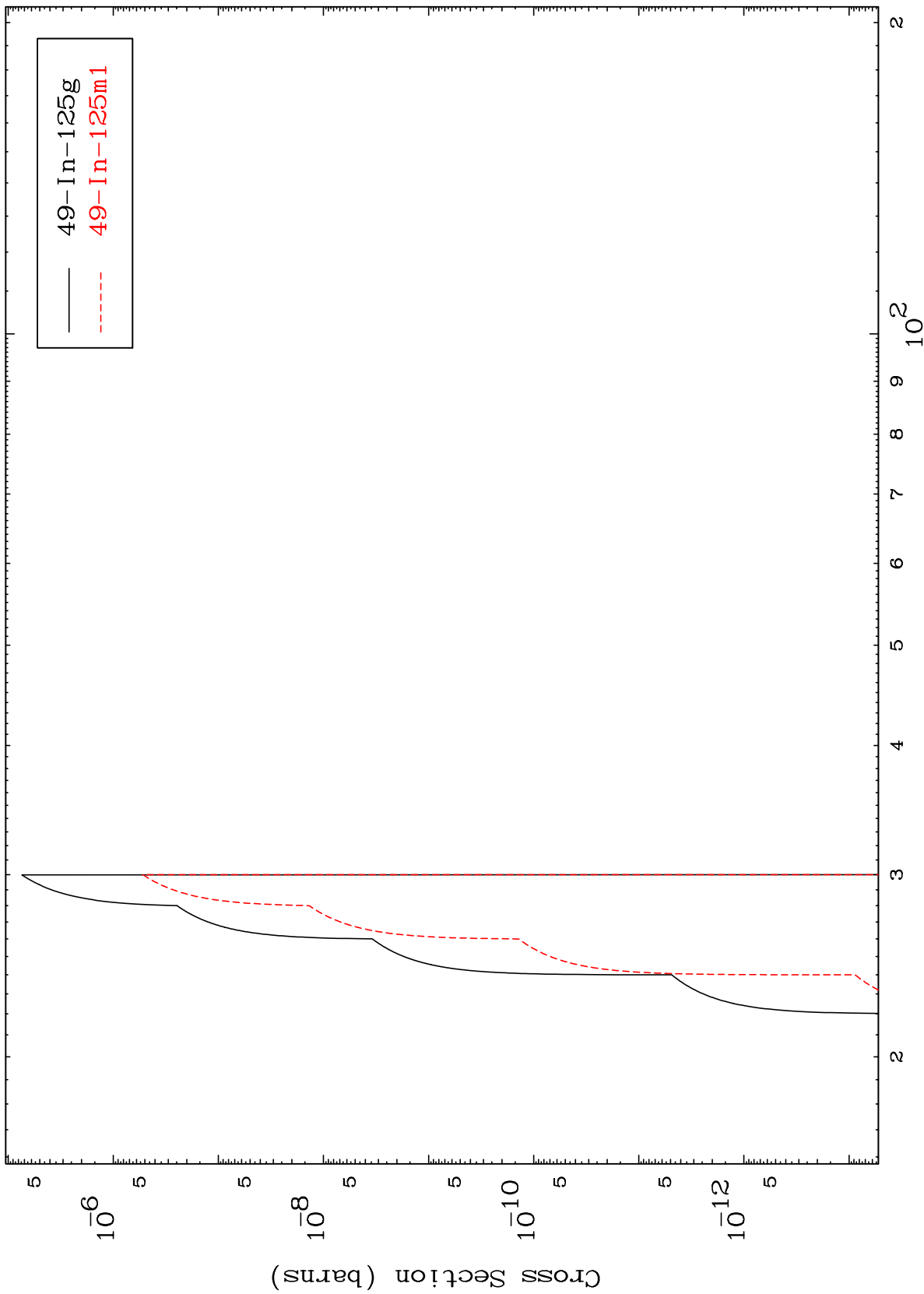


50-Sn-131

Incident Energy (MeV)

15

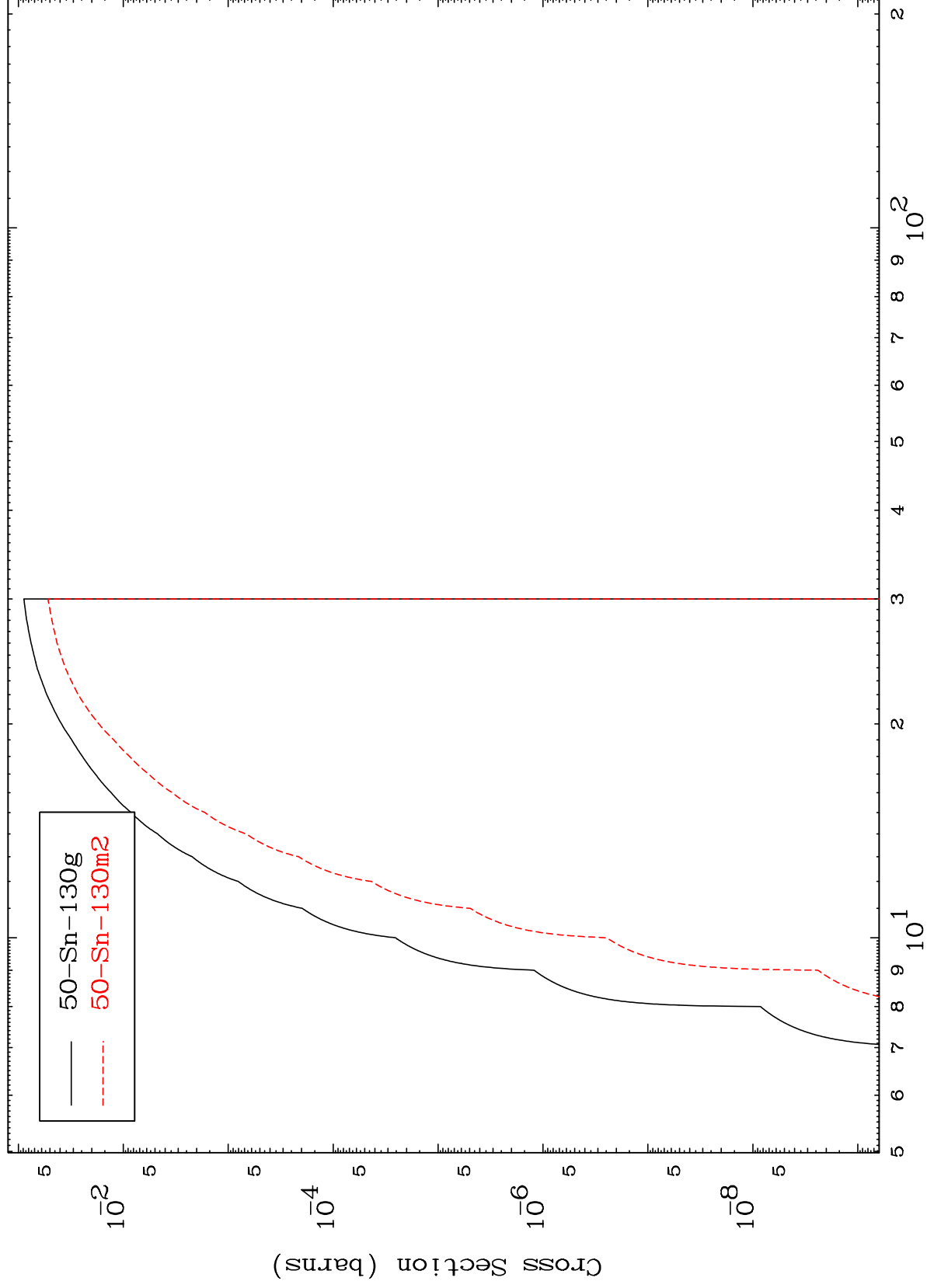
Radionuclide Production Cross Section



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50-Sn-131

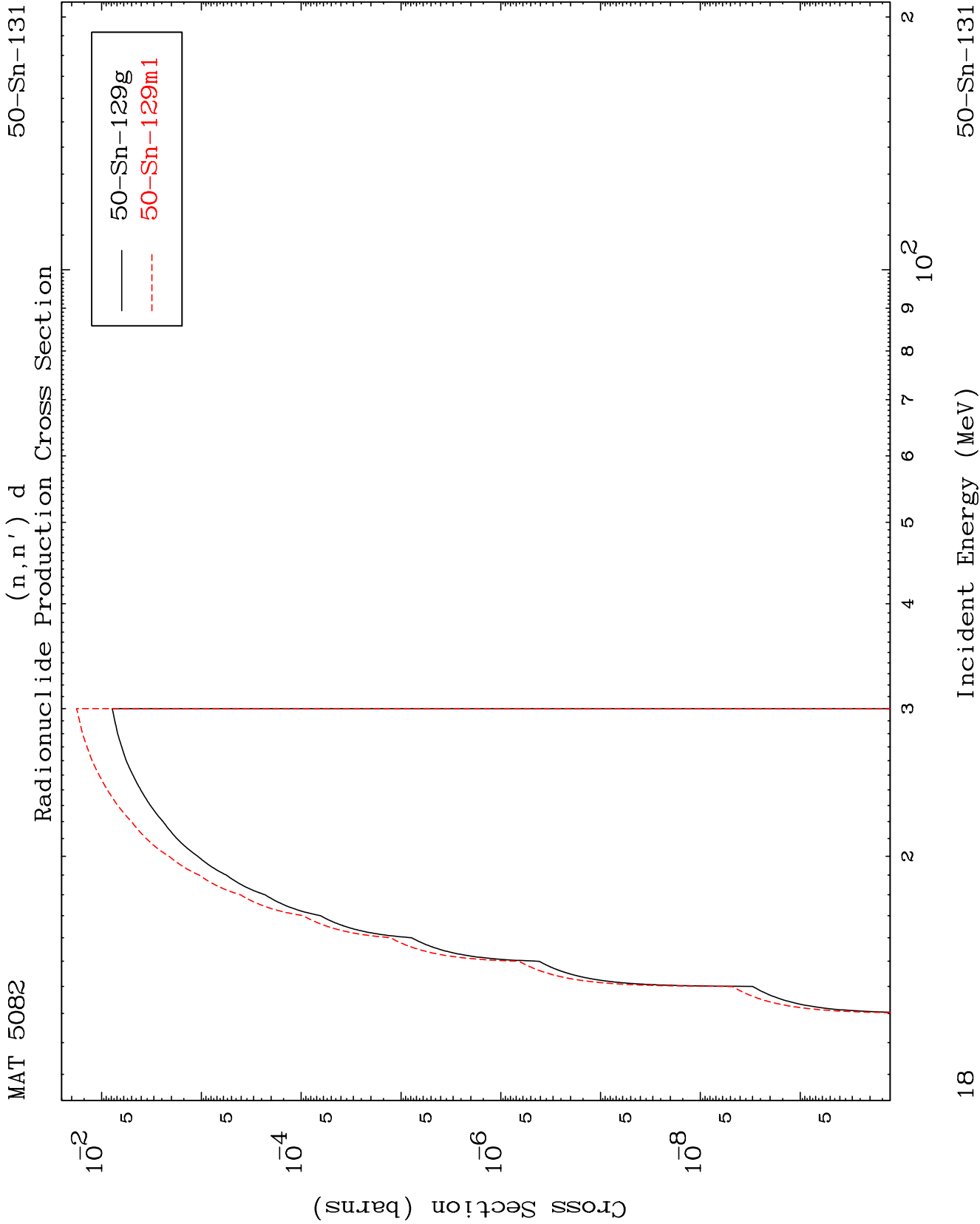
(n,n') p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

50-Sn-131

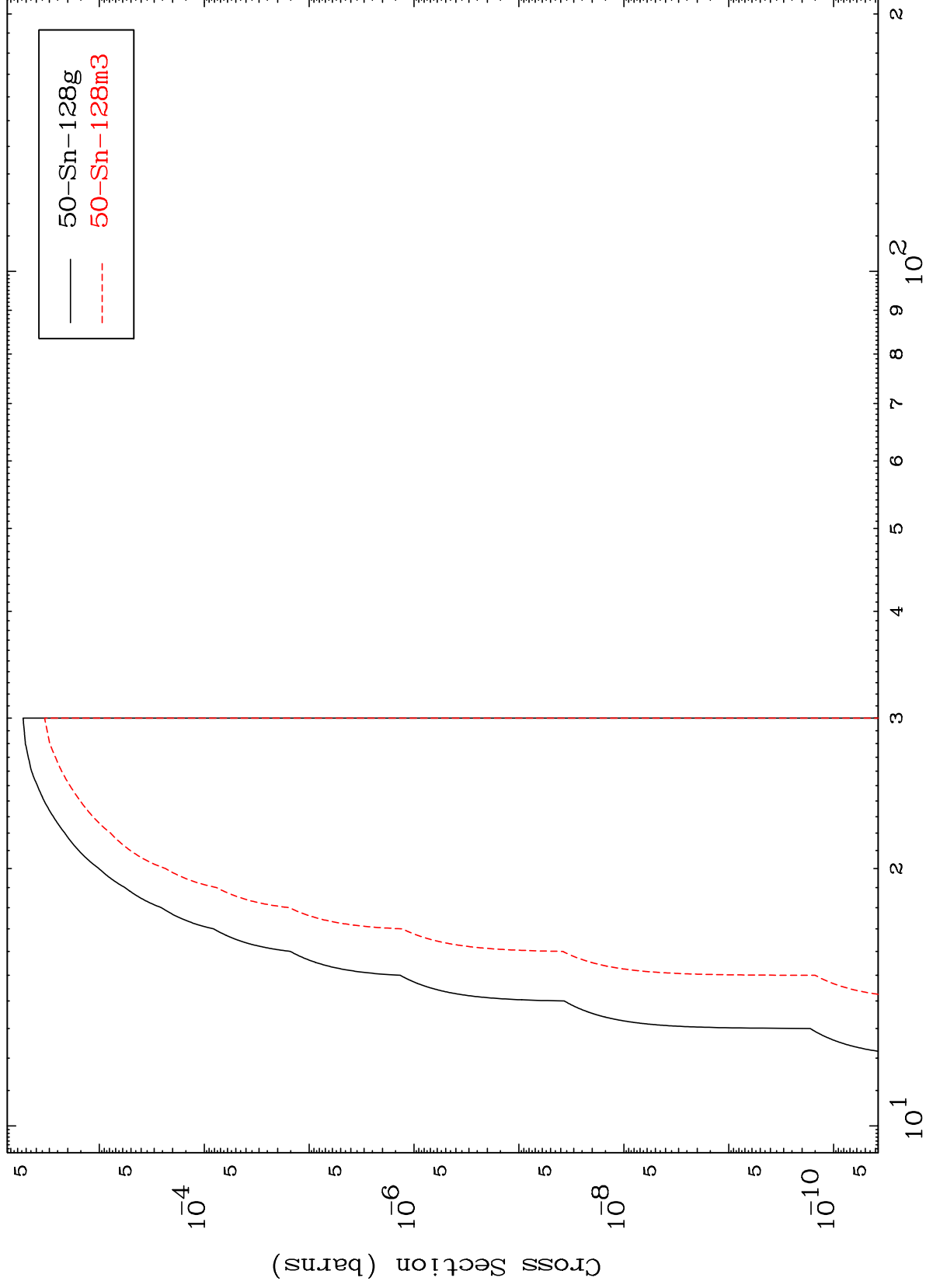


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50-Sn-131

(n,n') t

Radionuclide Production Cross Section



50-Sn-131

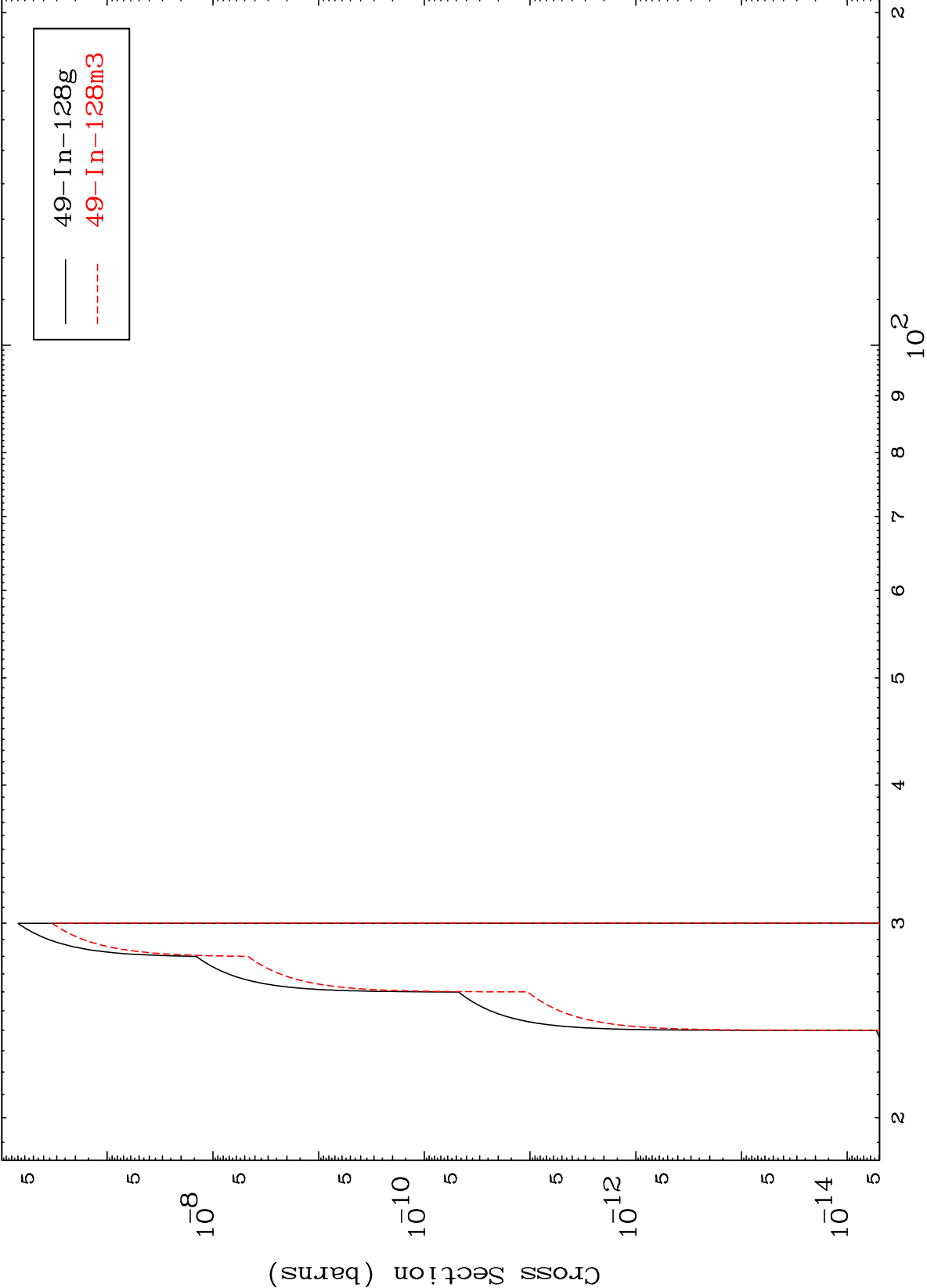
Incident Energy (MeV)

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(n,n') He-3

50-Sn-131

Radionuclide Production Cross Section



20

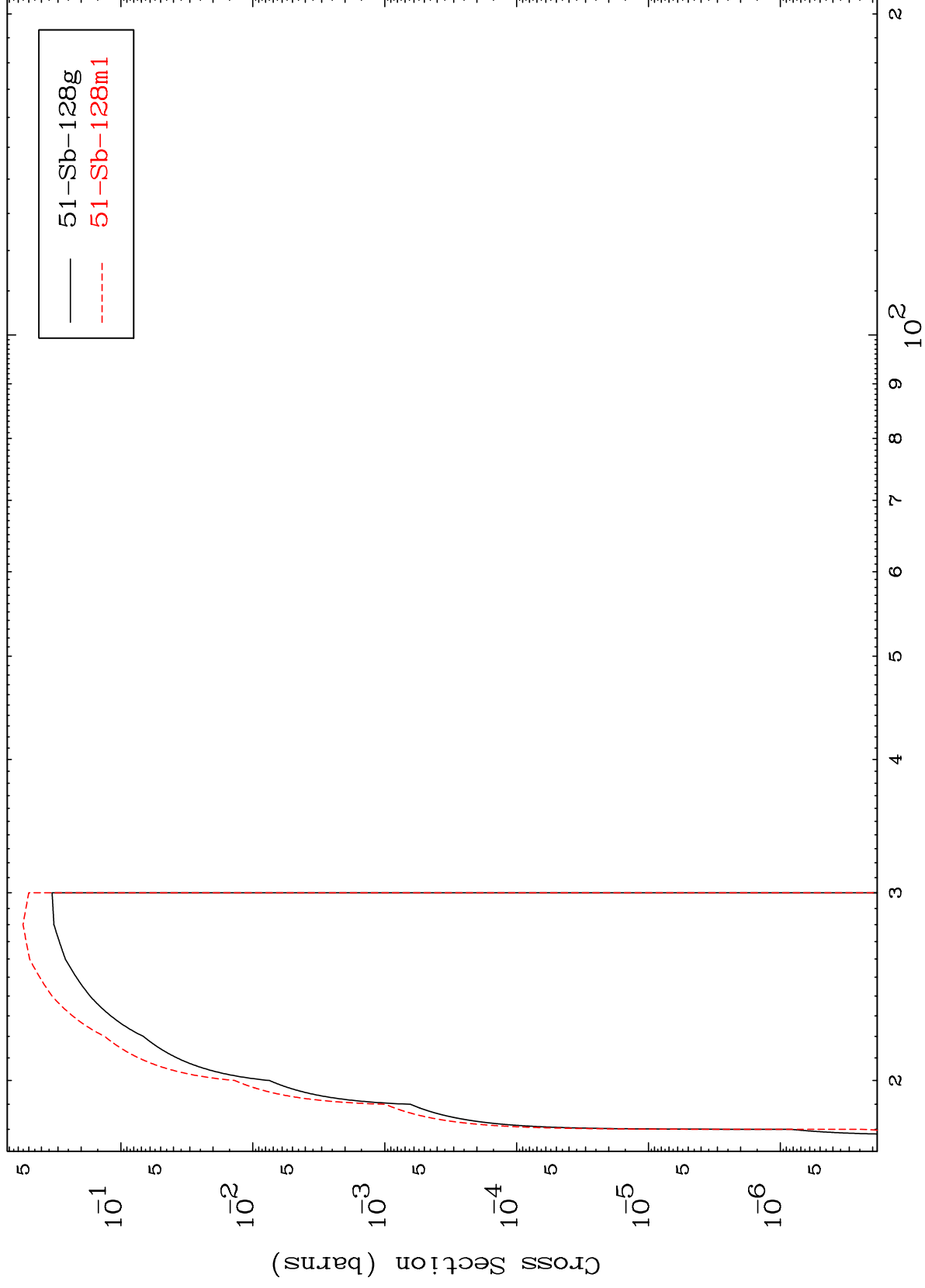
Incident Energy (MeV)

50-Sn-131

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50-Sn-131

$(n,4n)$
Radionuclide Production Cross Section



50-Sn-131

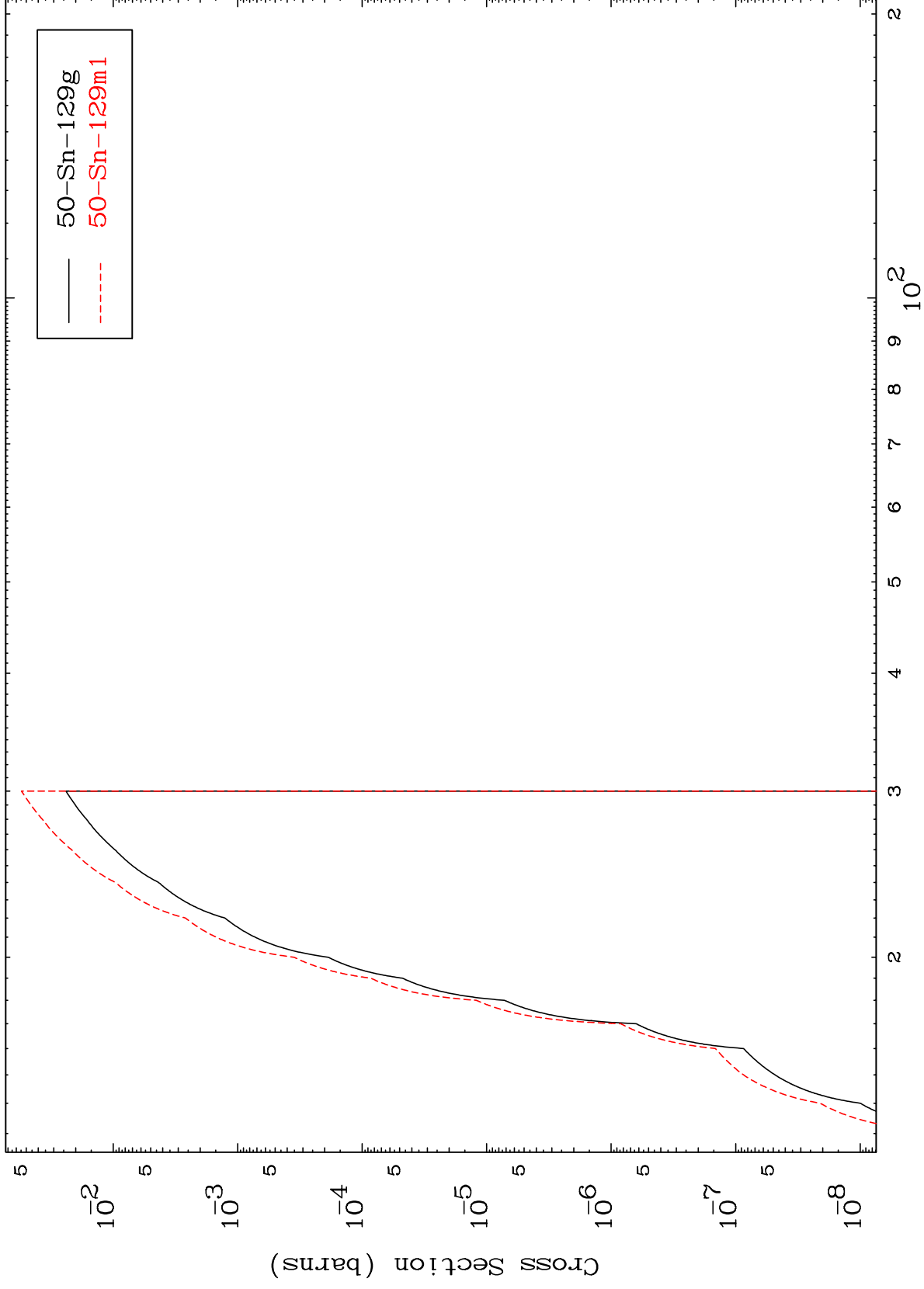
Incident Energy (MeV)

21

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$(n,2n)$ p 50-Sn-131

Radionuclide Production Cross Section

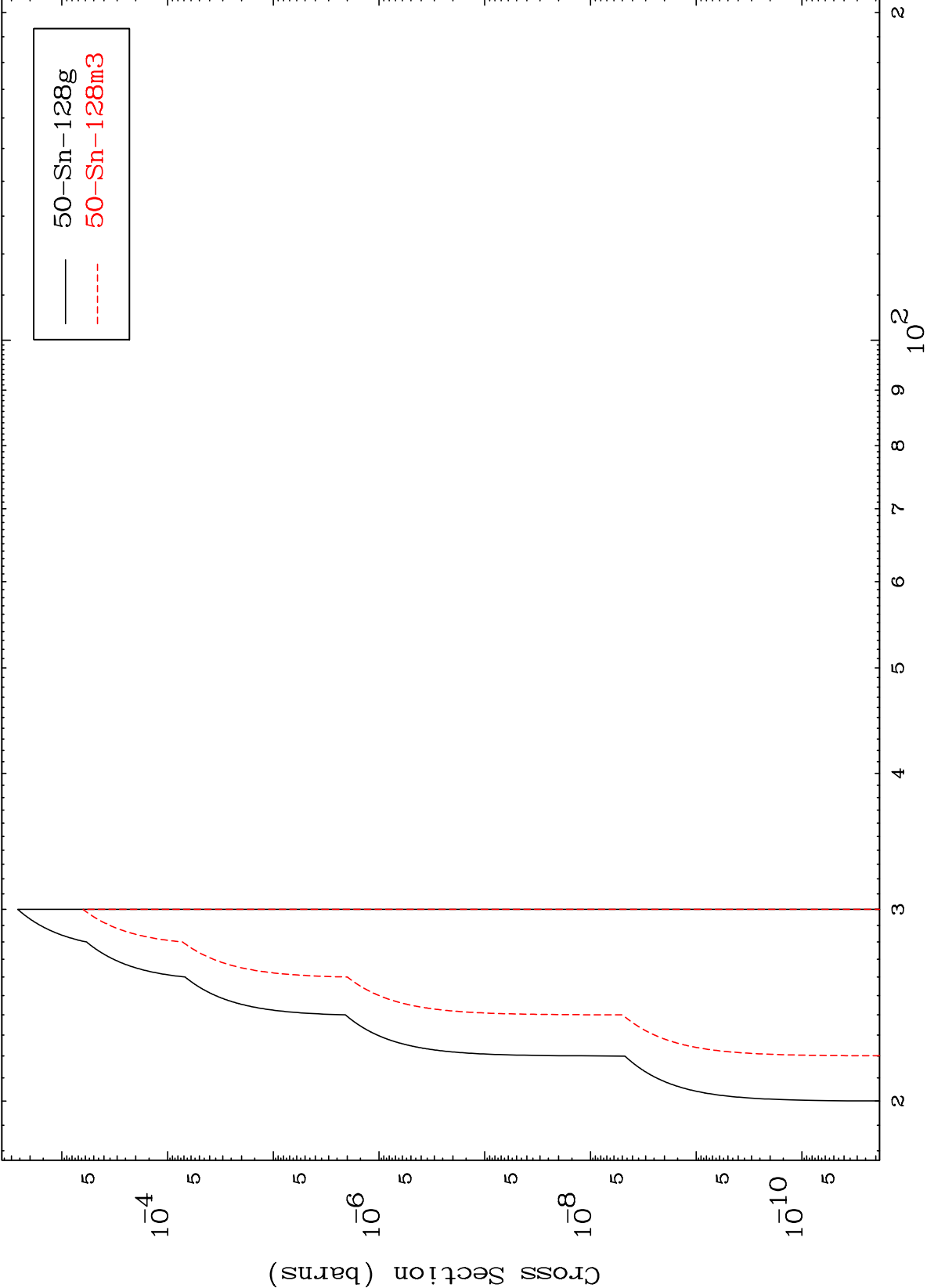


22

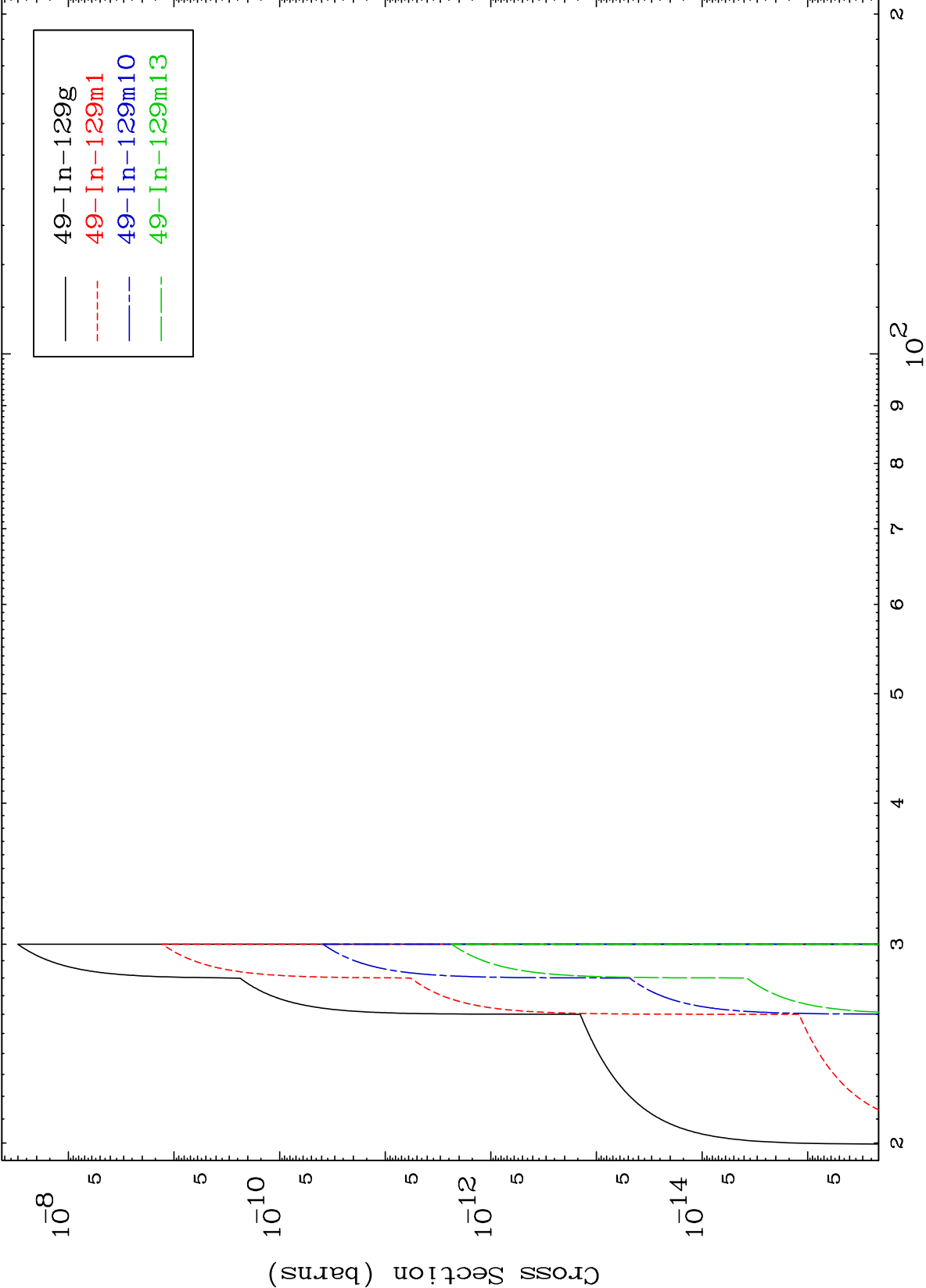
Incident Energy (MeV)

50-Sn-131

(n,3n) p
Radionuclide Production Cross Section



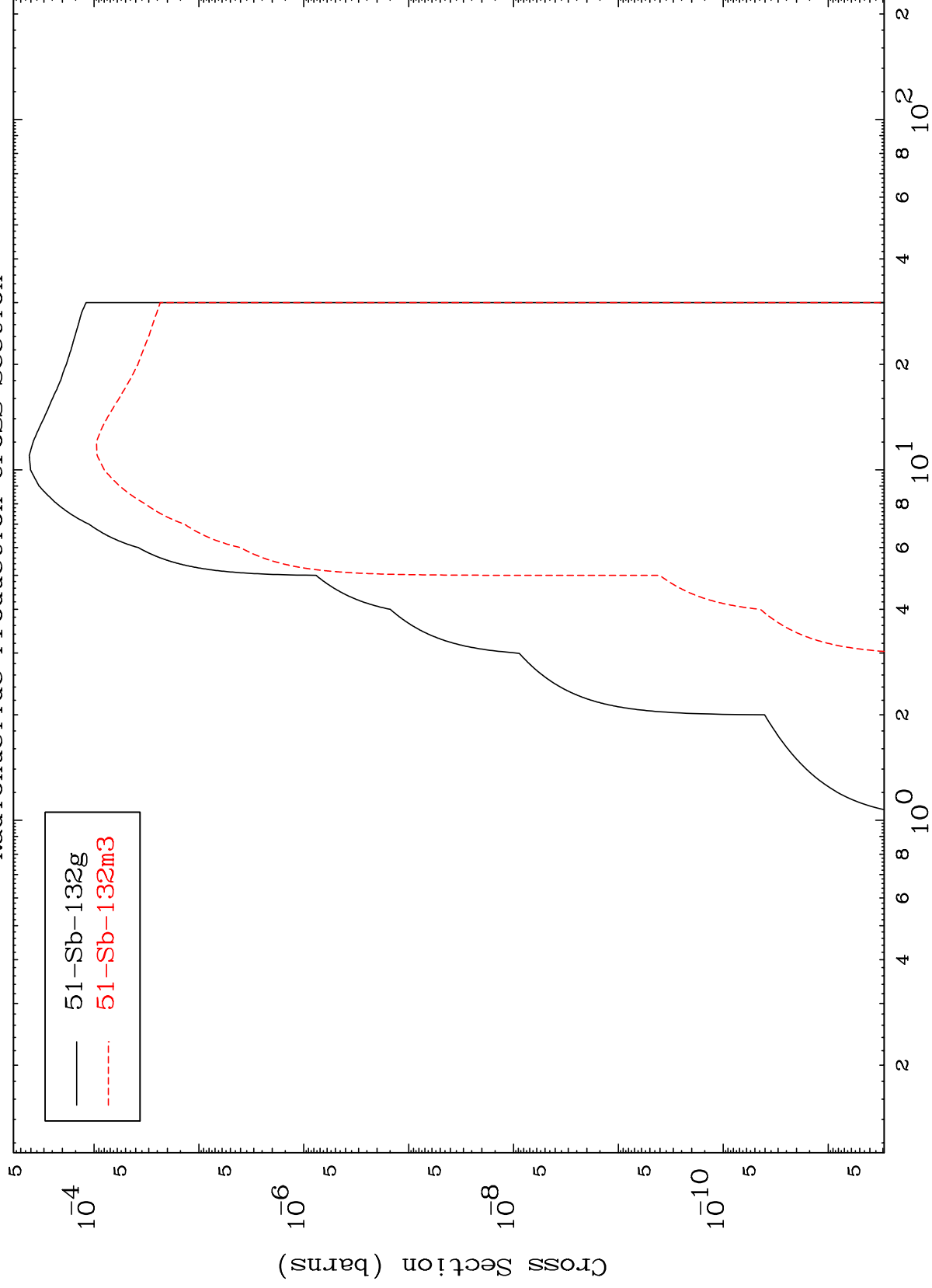
(n,2n) p
Radionuclide Production Cross Section



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50-Sn-131

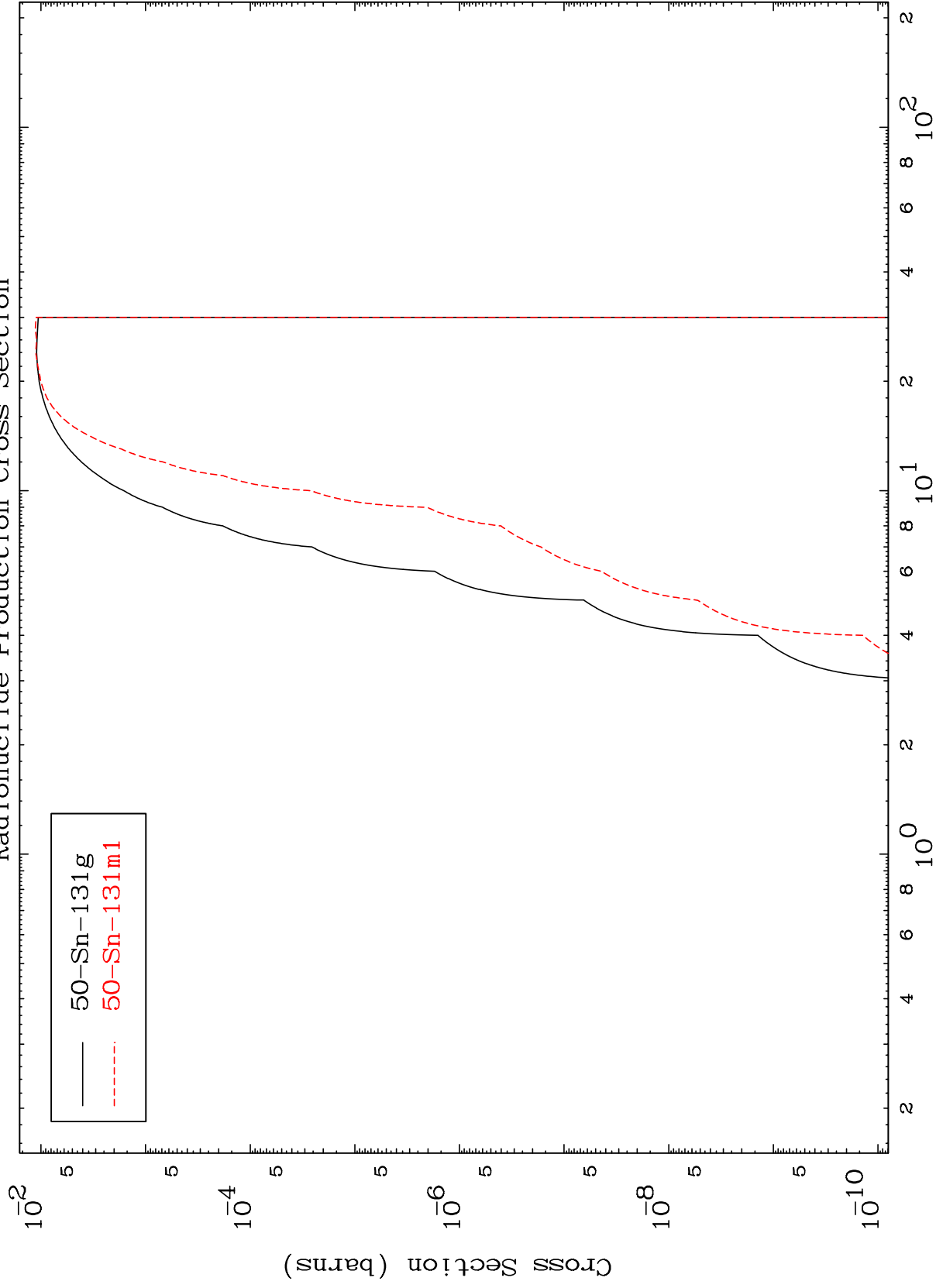
Radionuclide Production Cross Section
(n, γ)



25

50-Sn-131

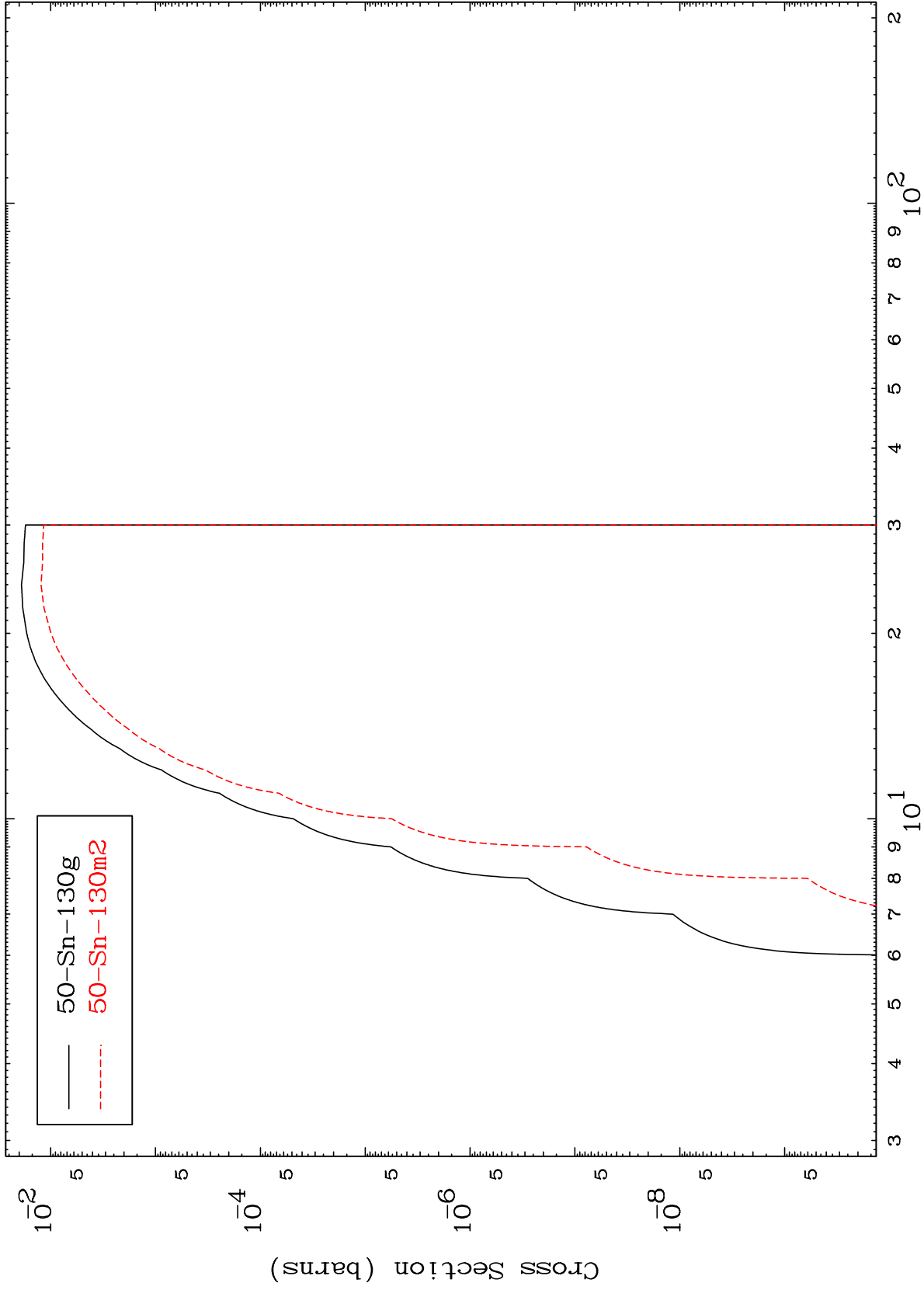
Radionuclide Production Cross Section (n,p)



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50-Sn-131

Radionuclide Production Cross Section
(n,d)



27

Incident Energy (MeV)

50-Sn-131

Radionuclide Production Cross Section
(n,t)

