

Program EVALPLOT
(Version 2021-1)

by

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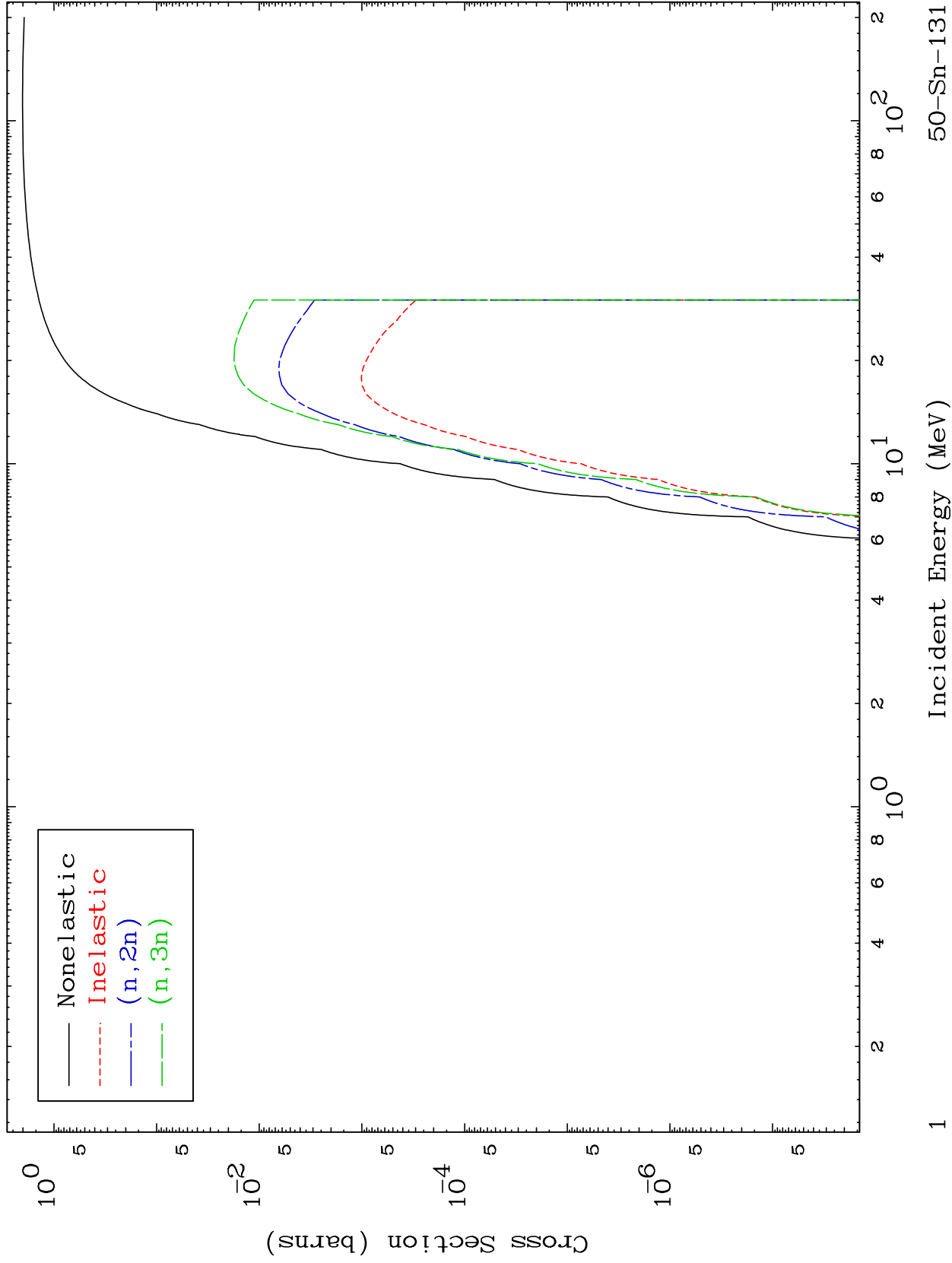
Press Mouse Button to Start

MAT 5082

He-3 Major

0 Kelvin Cross Sections

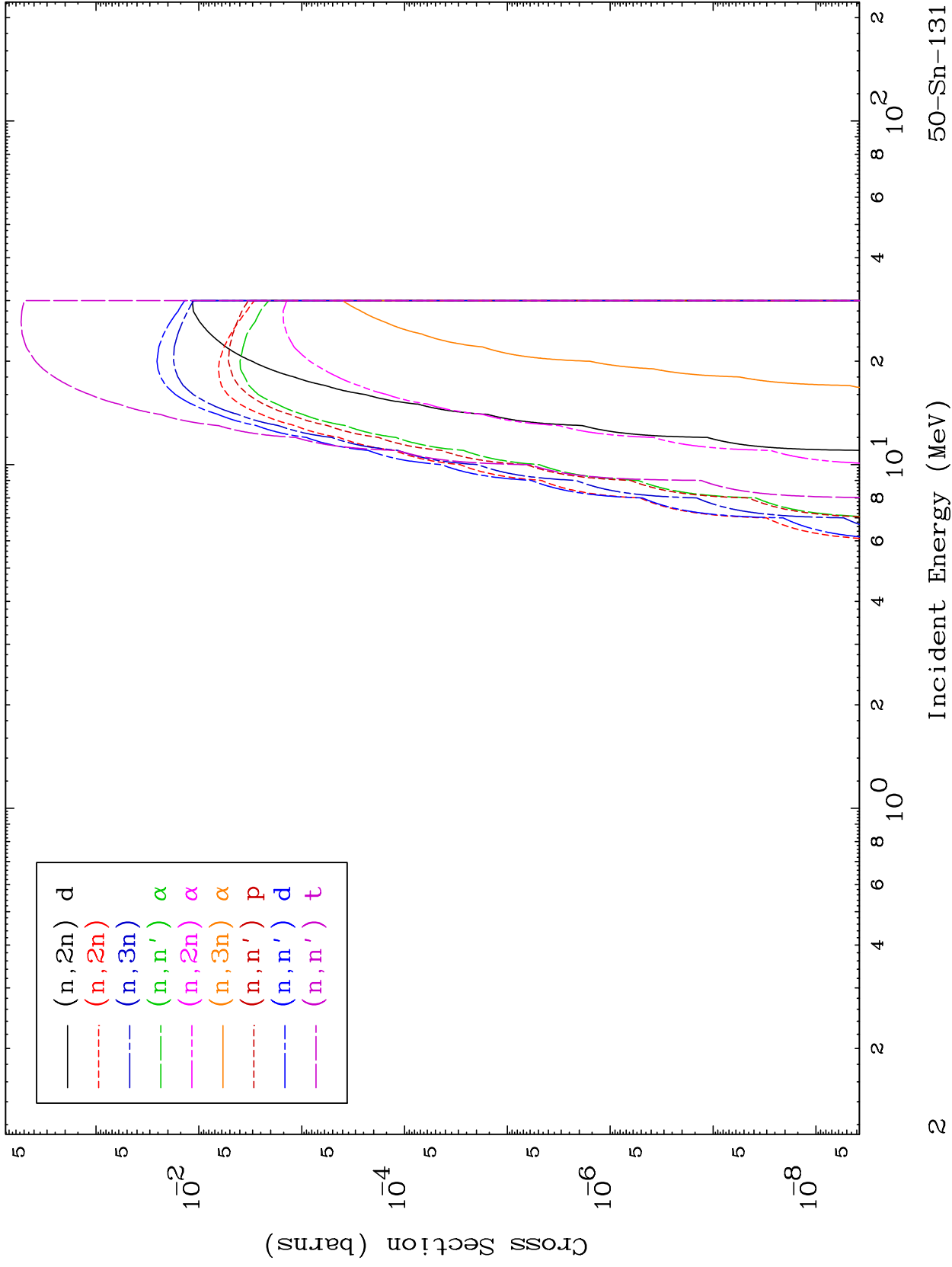
50-Sn-131

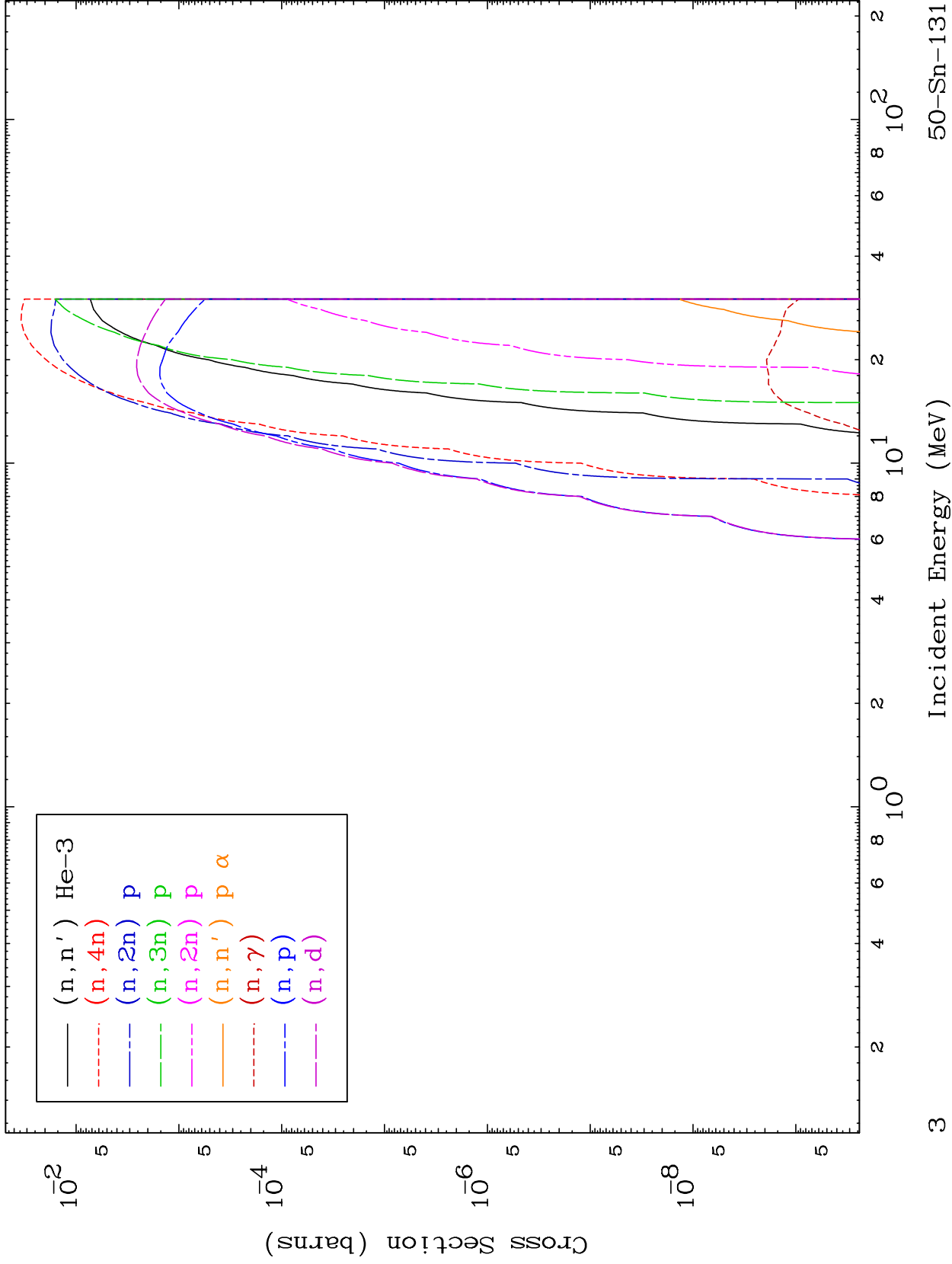


MAT 5082

He-3 Neutron Absorption
0 Kelvin Cross Sections

50-Sn-131

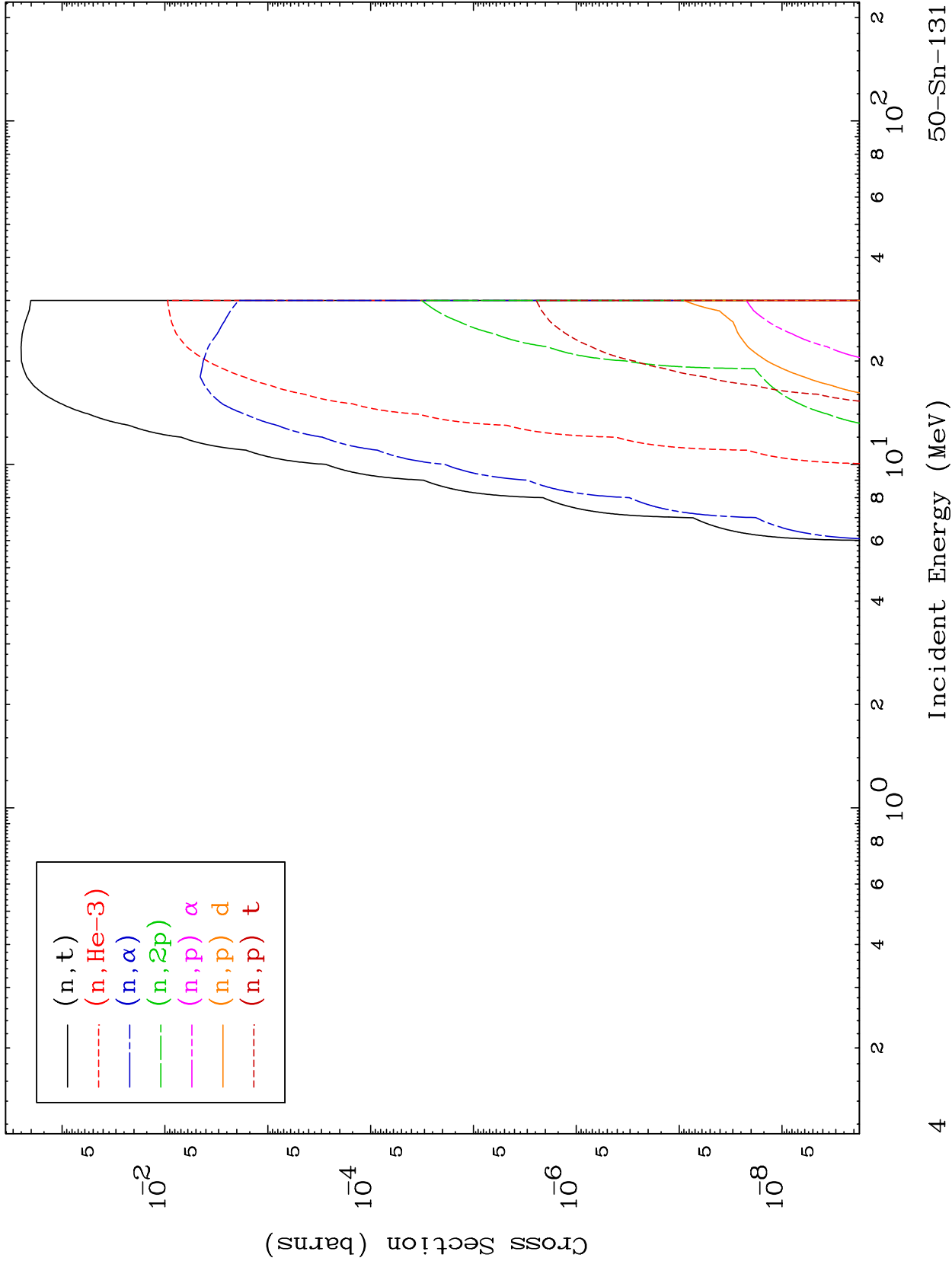


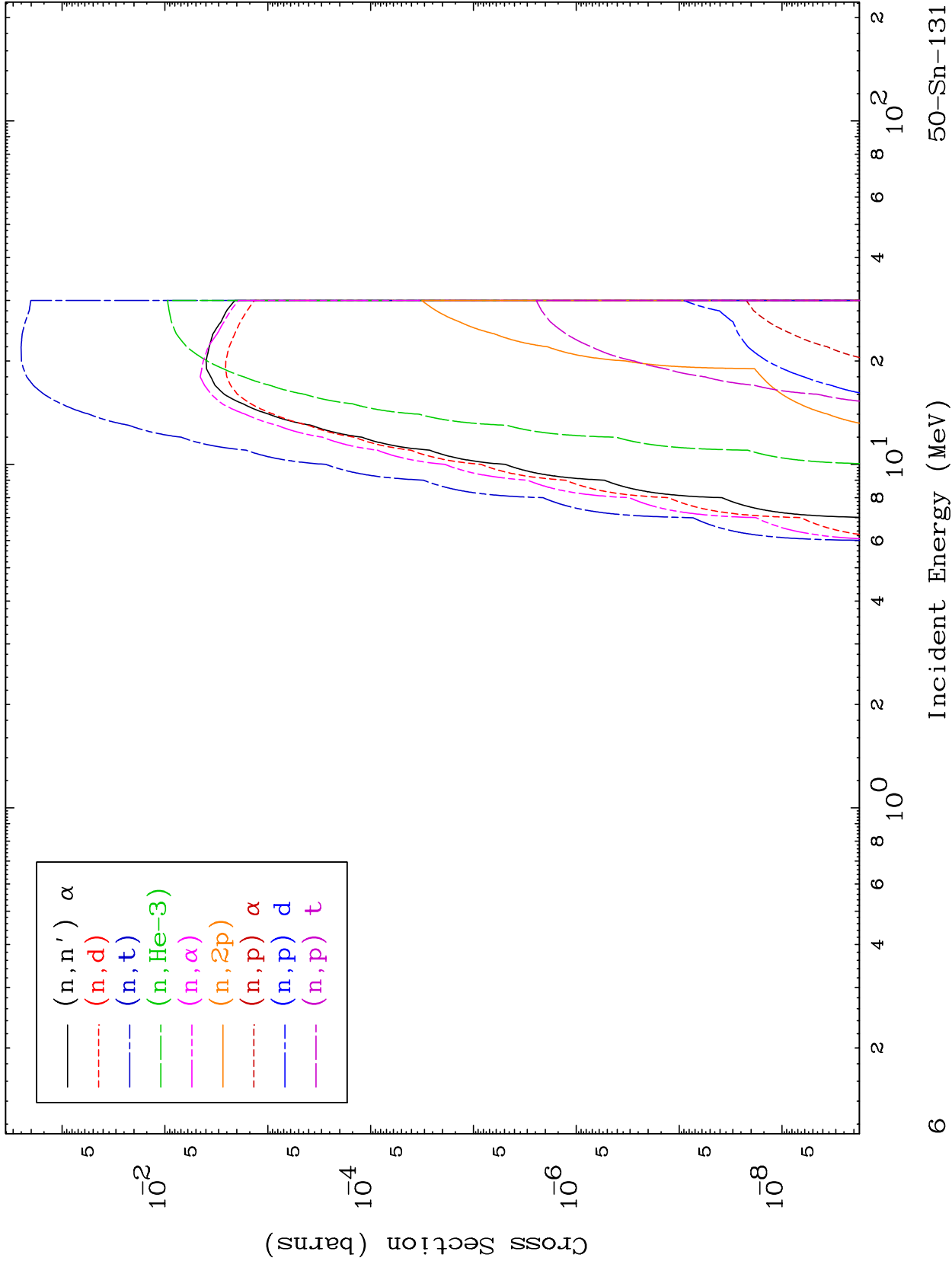


MAT 5082

He-3 Neutron Absorption
0 Kelvin Cross Sections

50-Sn-131



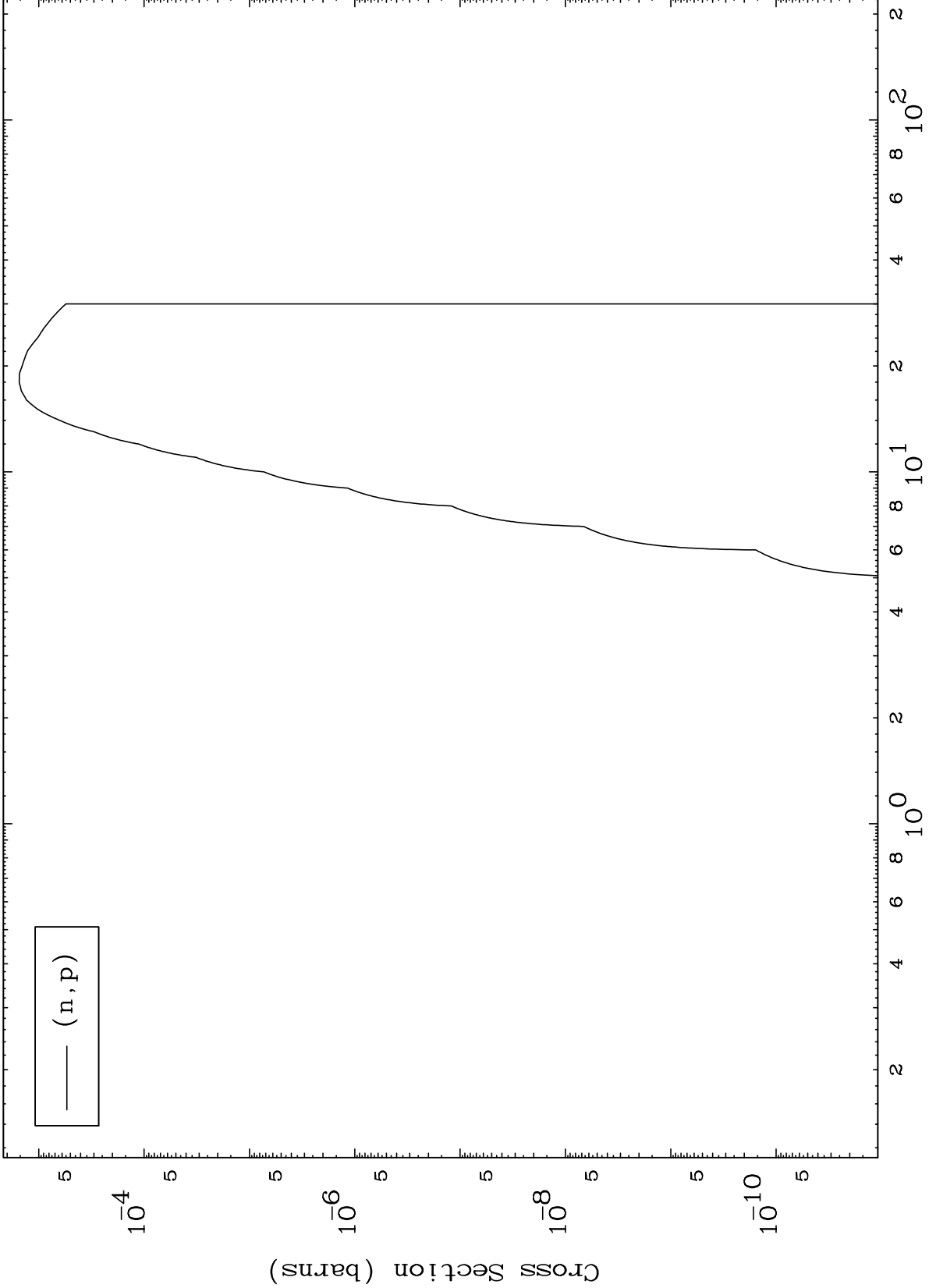


MAT 5082

(He-3,p) Levels

50-Sn-131

0 Kelvin Cross Sections

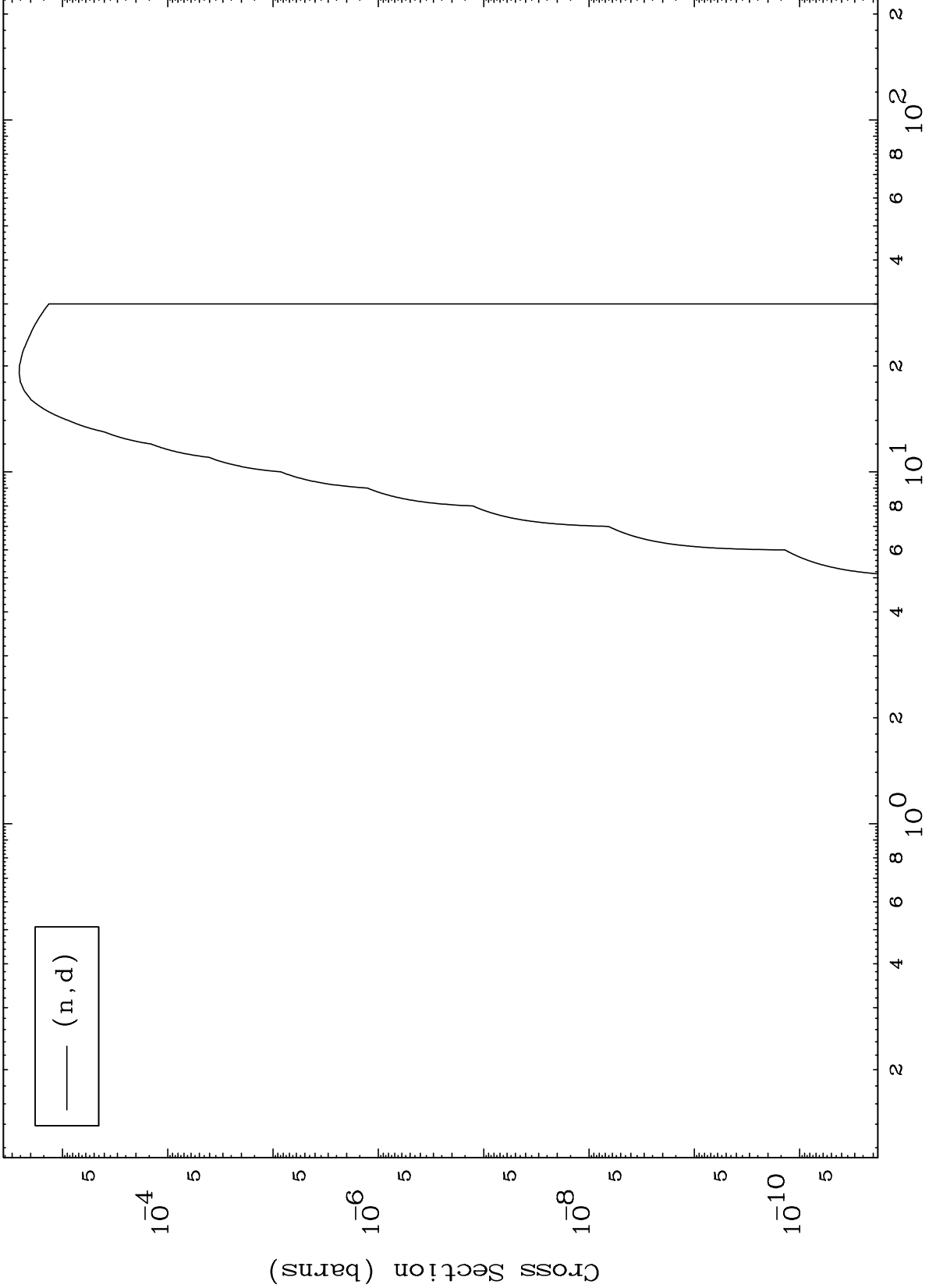


MAT 5082

(He-3,d) Levels

50-Sn-131

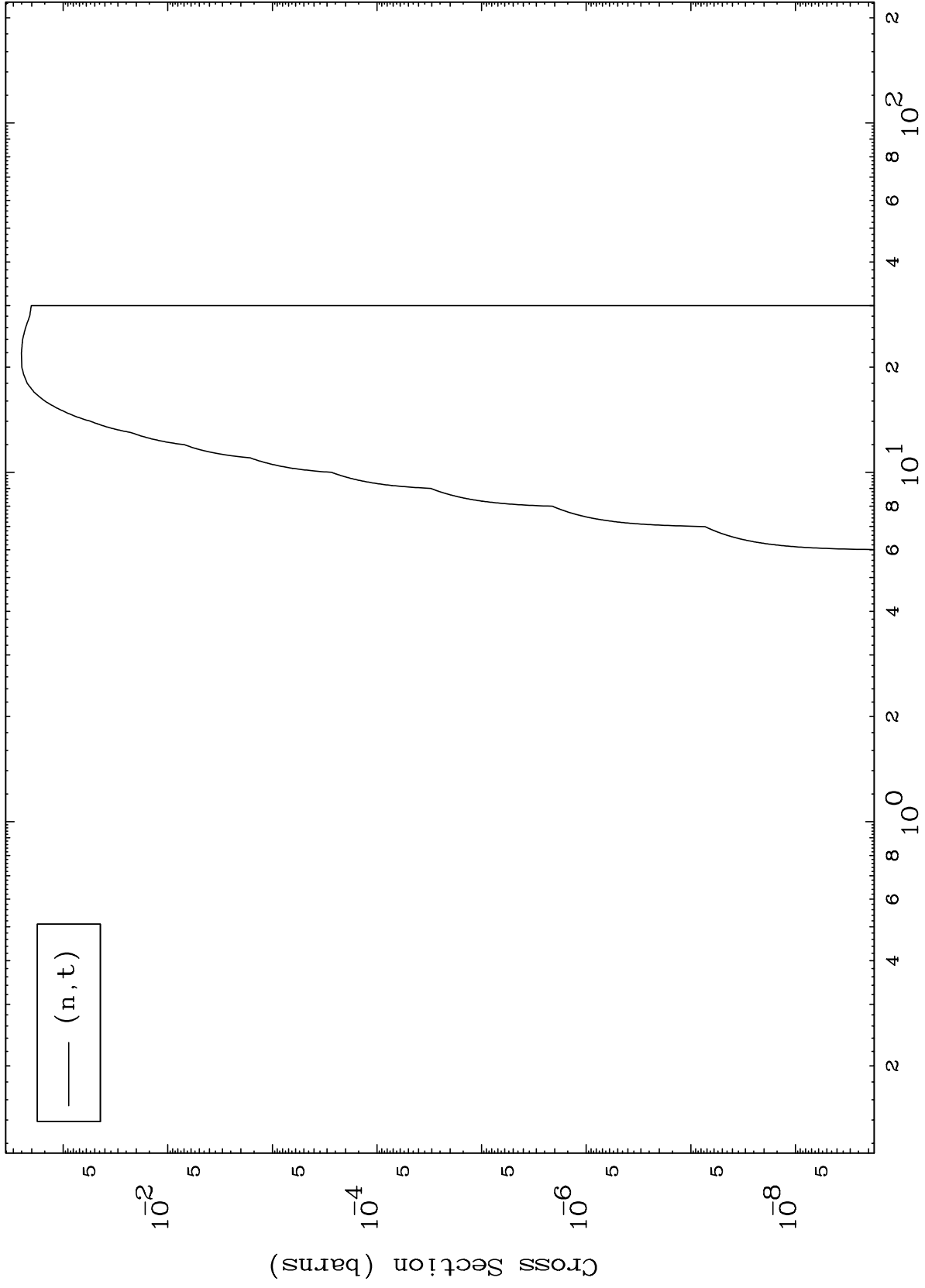
0 Kelvin Cross Sections



MAT 5082

(He-3,t) Levels
0 Kelvin Cross Sections

50-Sn-131

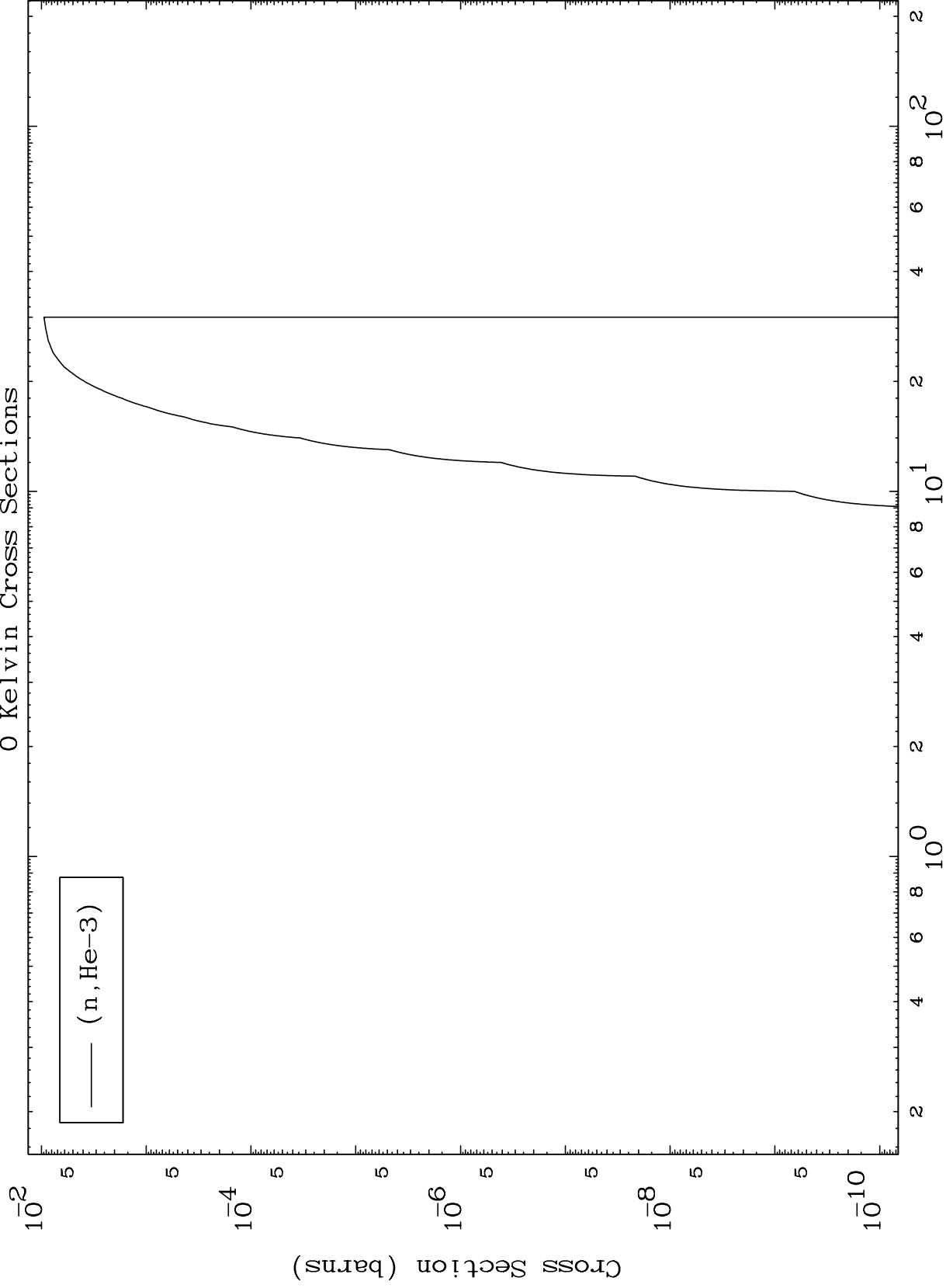


MAT 5082

(He-3, He3) Levels

50-Sn-131

0 Kelvin Cross Sections



50-Sn-131

Incident Energy (MeV)

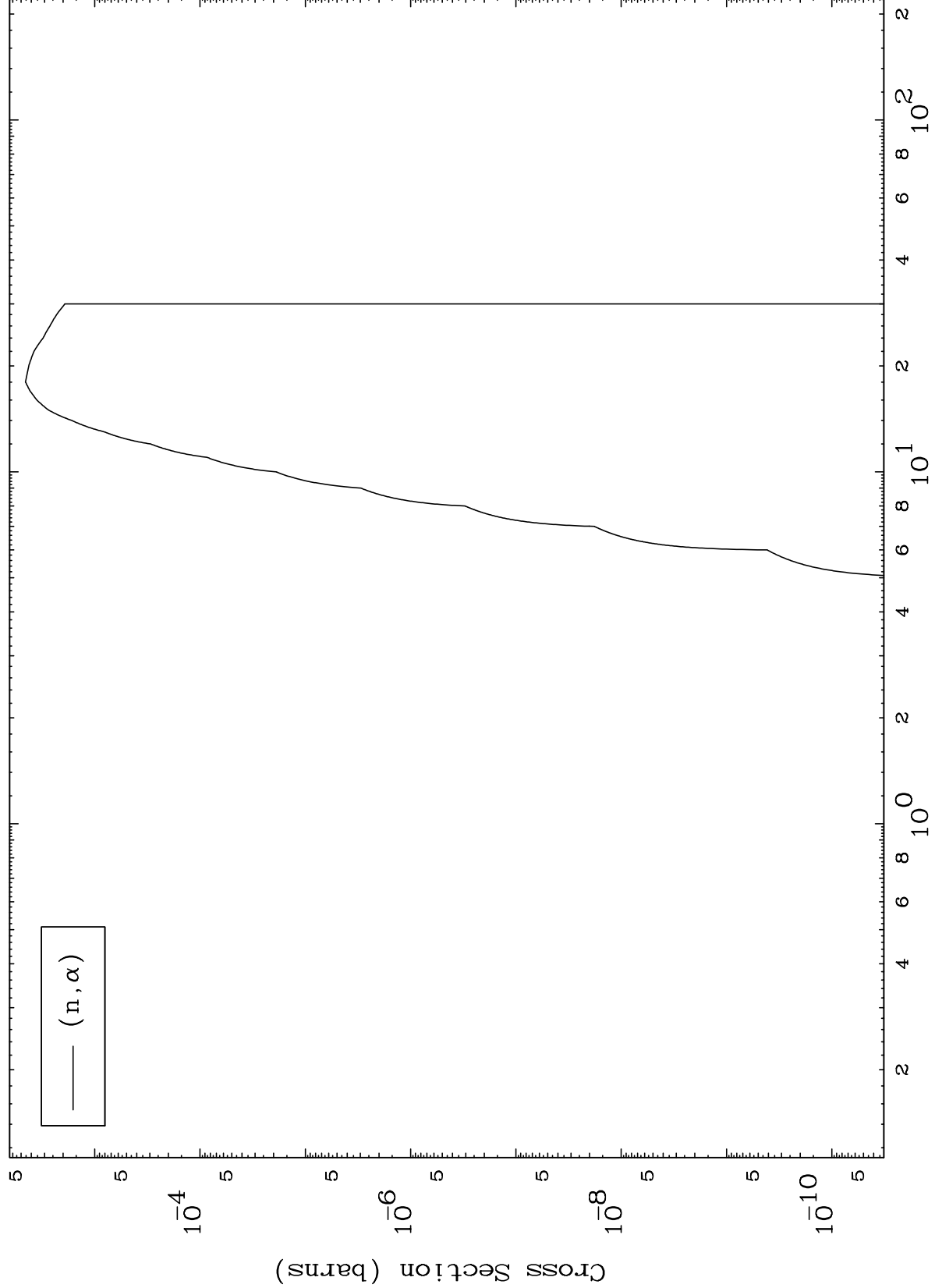
10

MAT 5082

(He-3, α) Levels

50-Sn-131

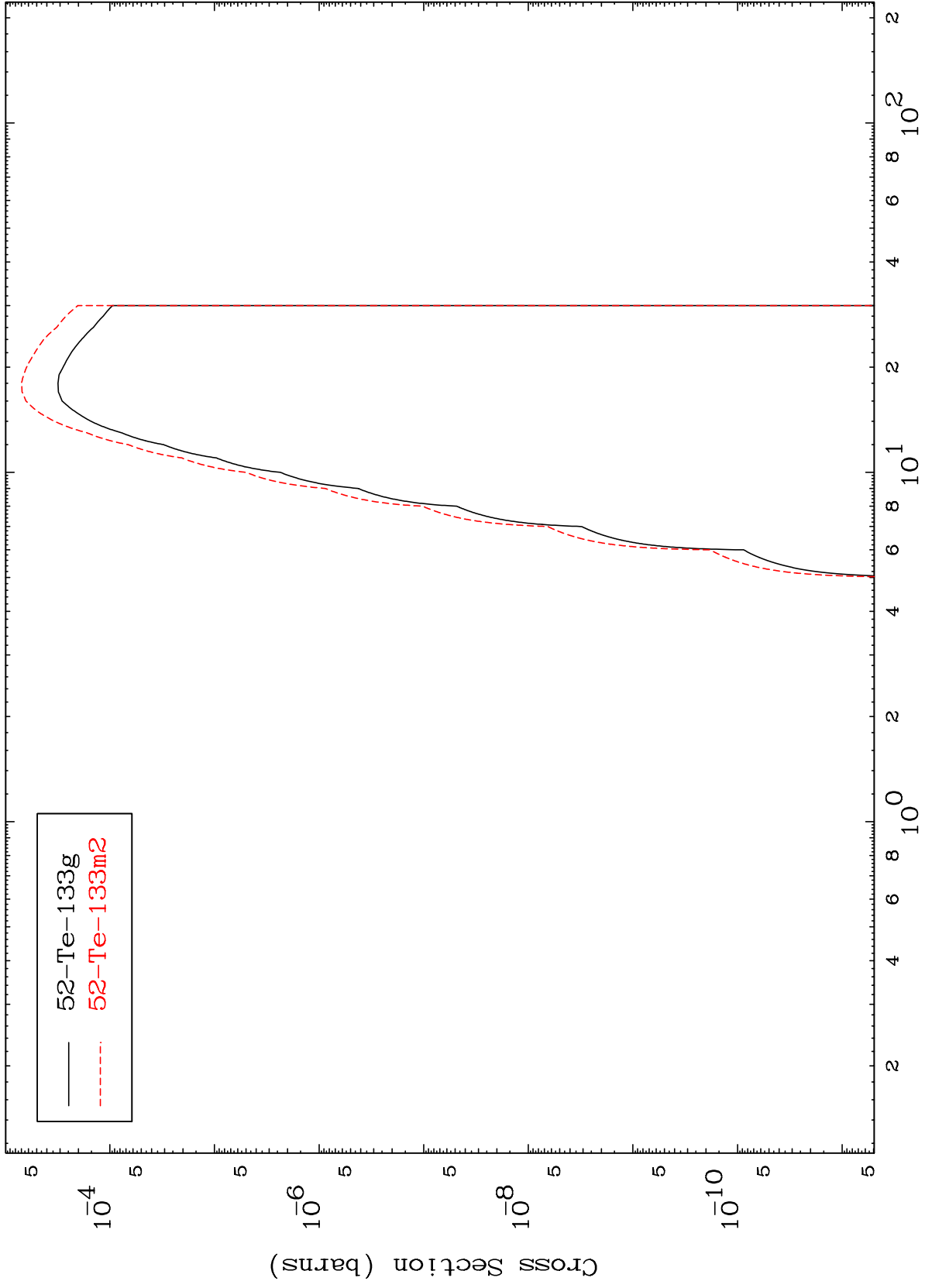
0 Kelvin Cross Sections



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50-Sn-131

Inelastic
Radionuclide Production Cross Section



50-Sn-131

Incident Energy (MeV)

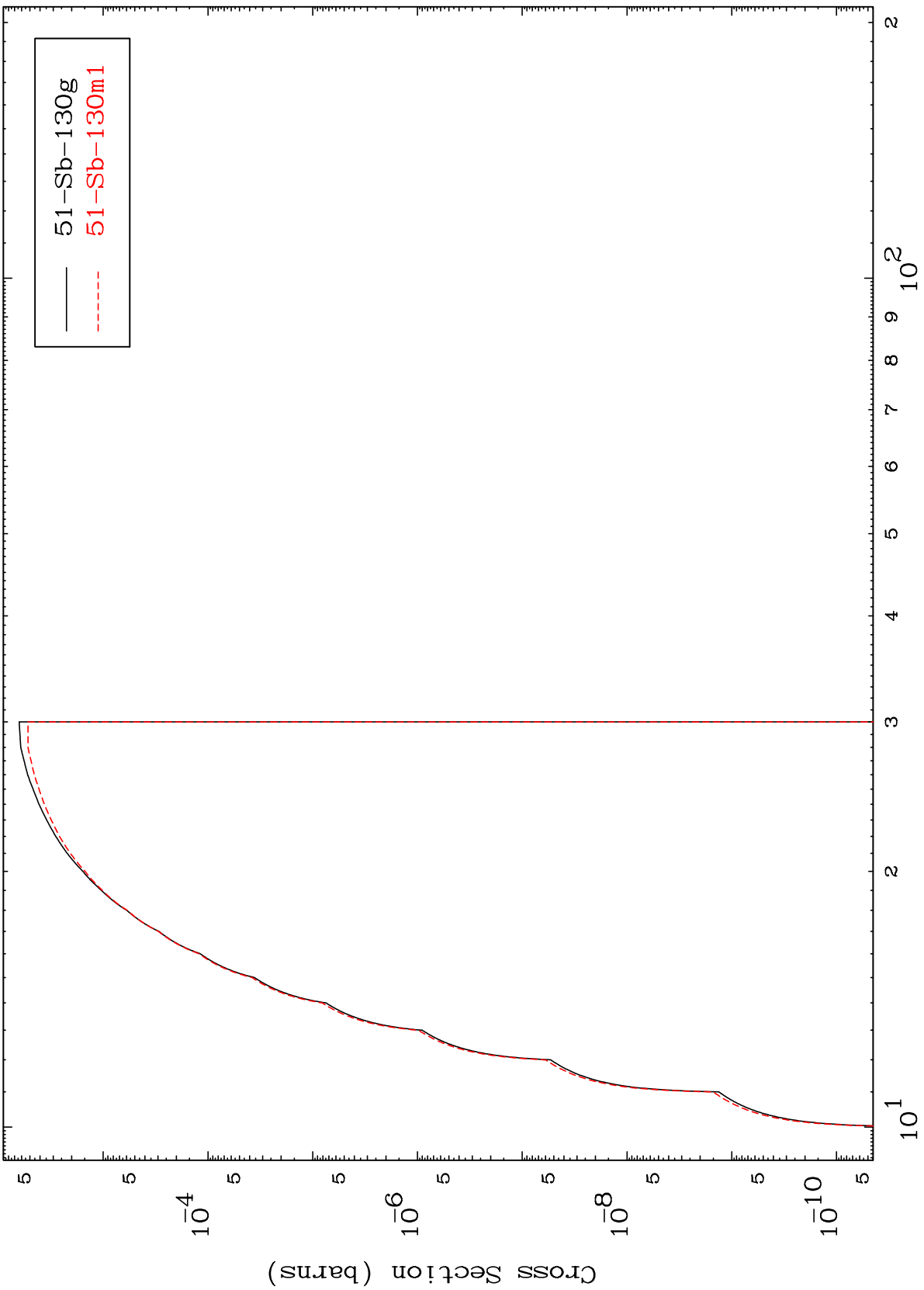
12

MAT 5082

(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



13

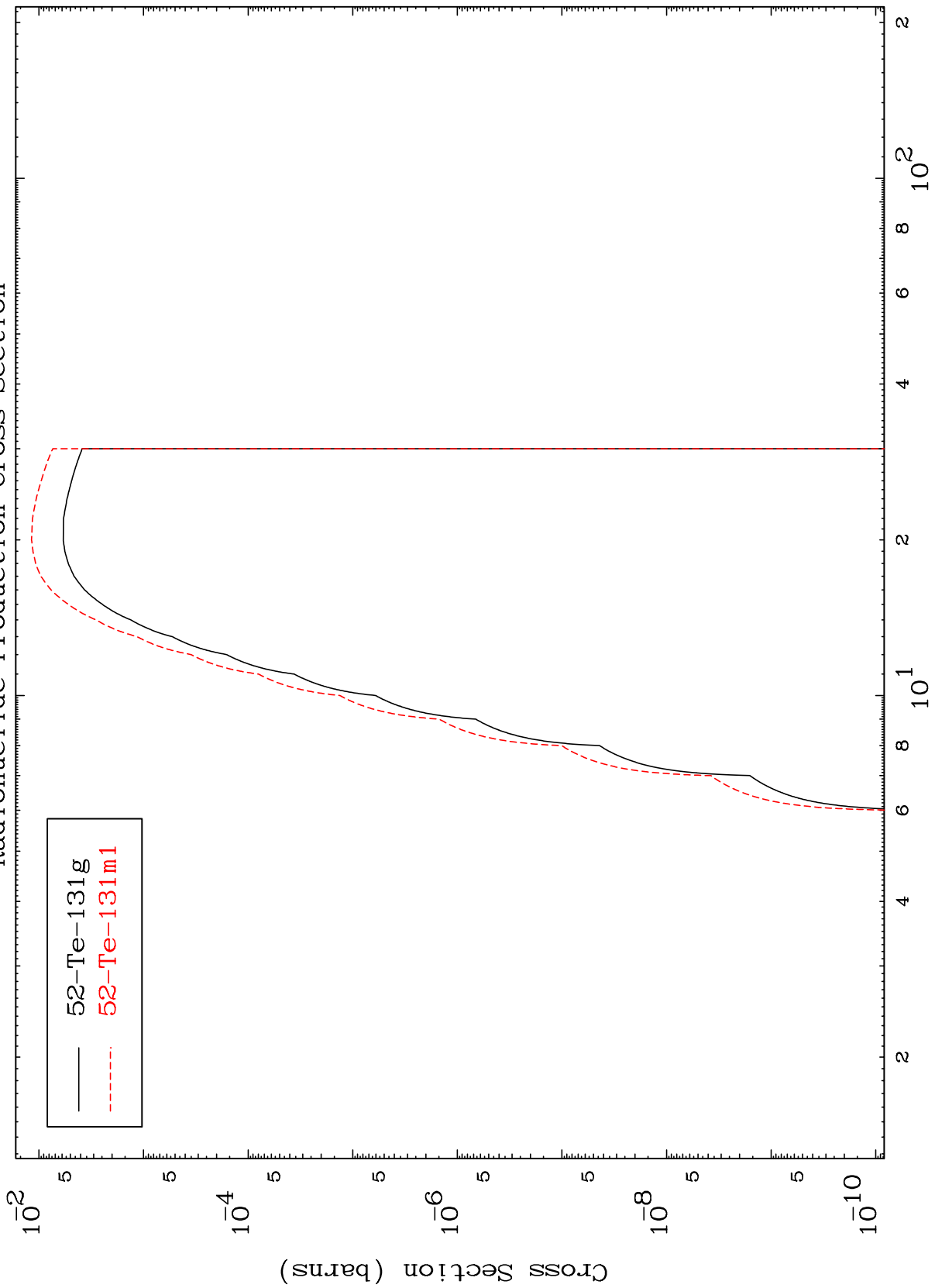
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

Radionuclide Production Cross Section
(n,3n)



— 52-Te-131g
- - - 52-Te-131m1

50-Sn-131

Incident Energy (MeV)

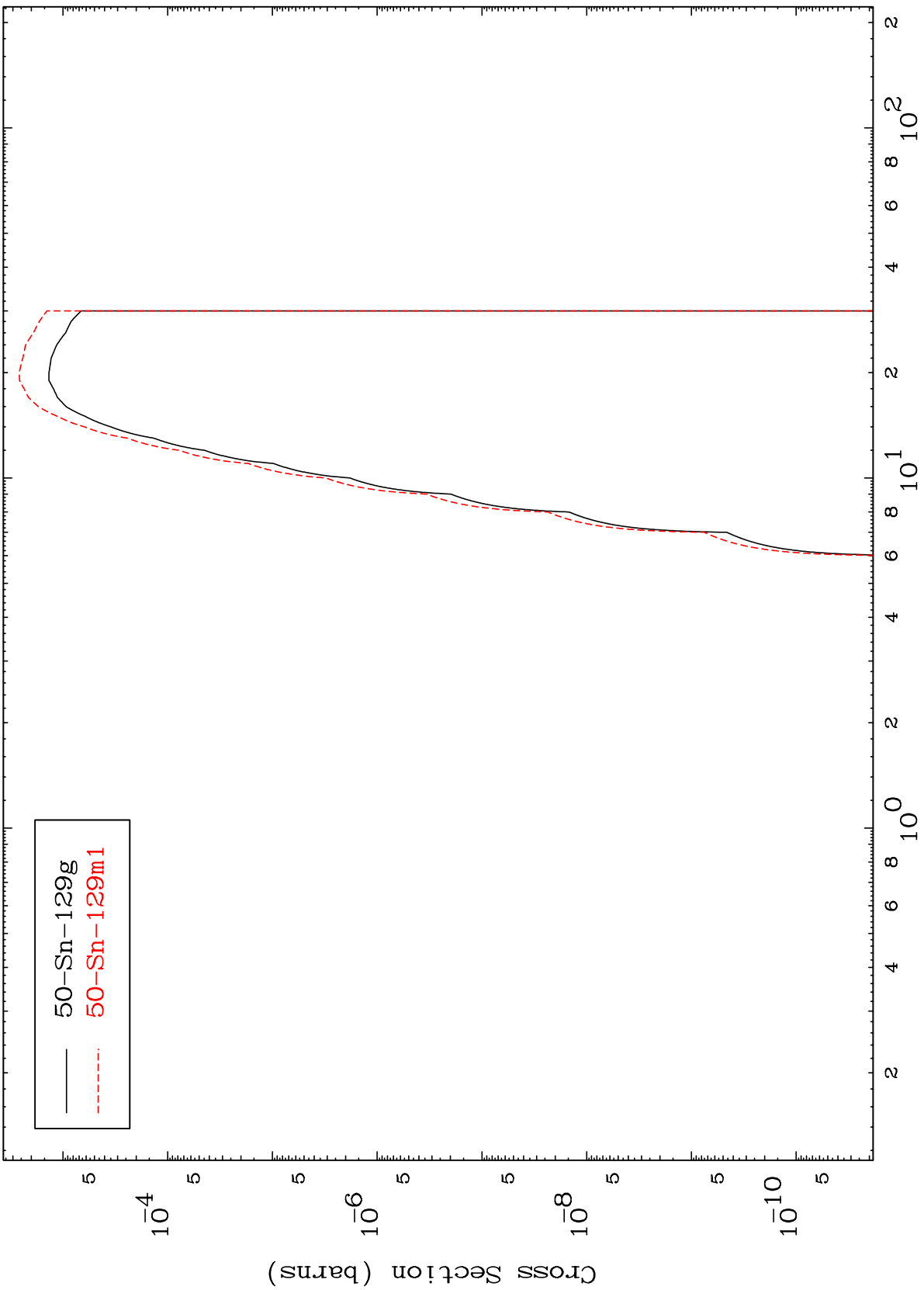
14

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(n,n') α

50-Sn-131

Radionuclide Production Cross Section



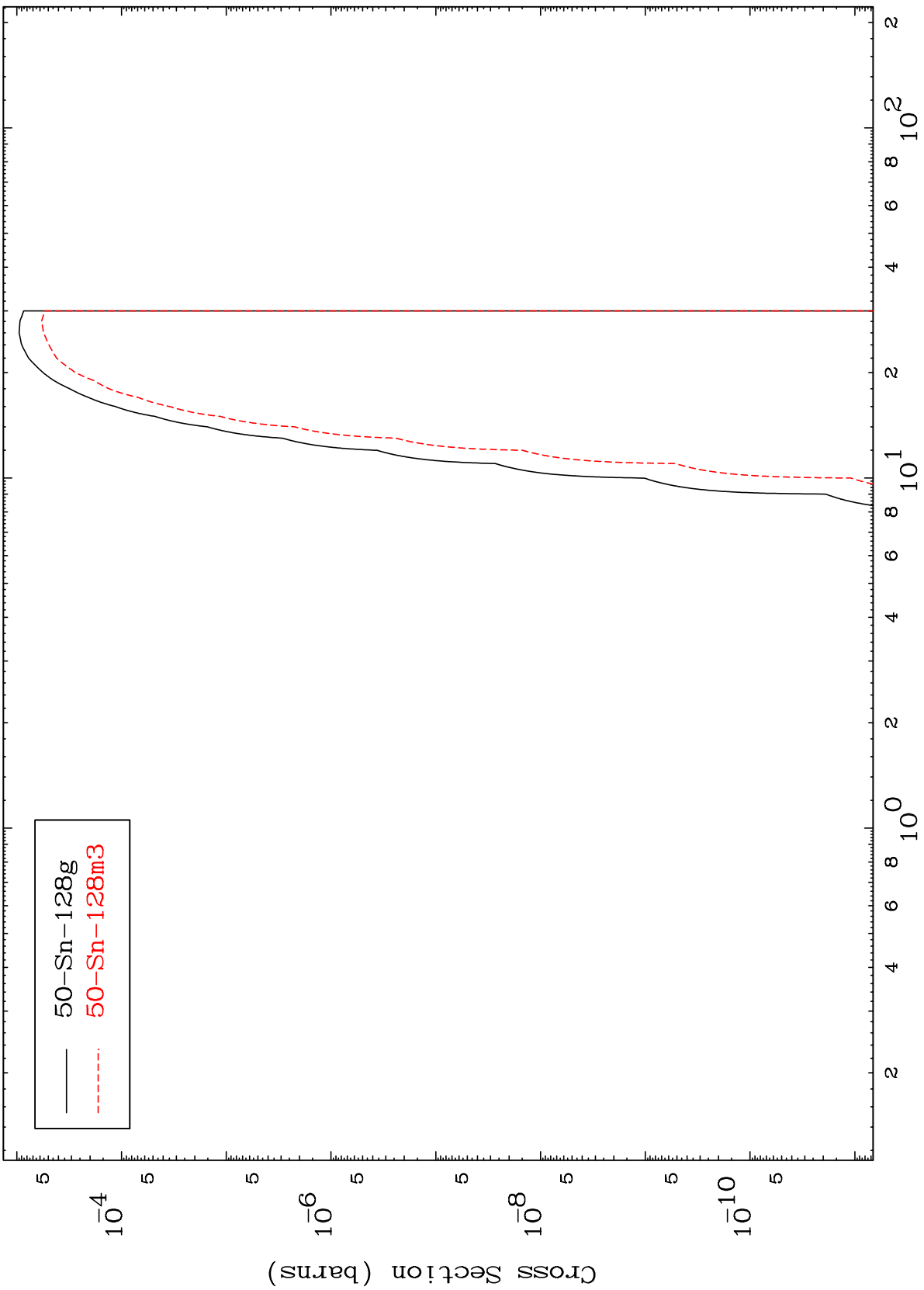
50-Sn-129g
50-Sn-129m1

MAT 5082

(n,2n) α

50-Sn-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

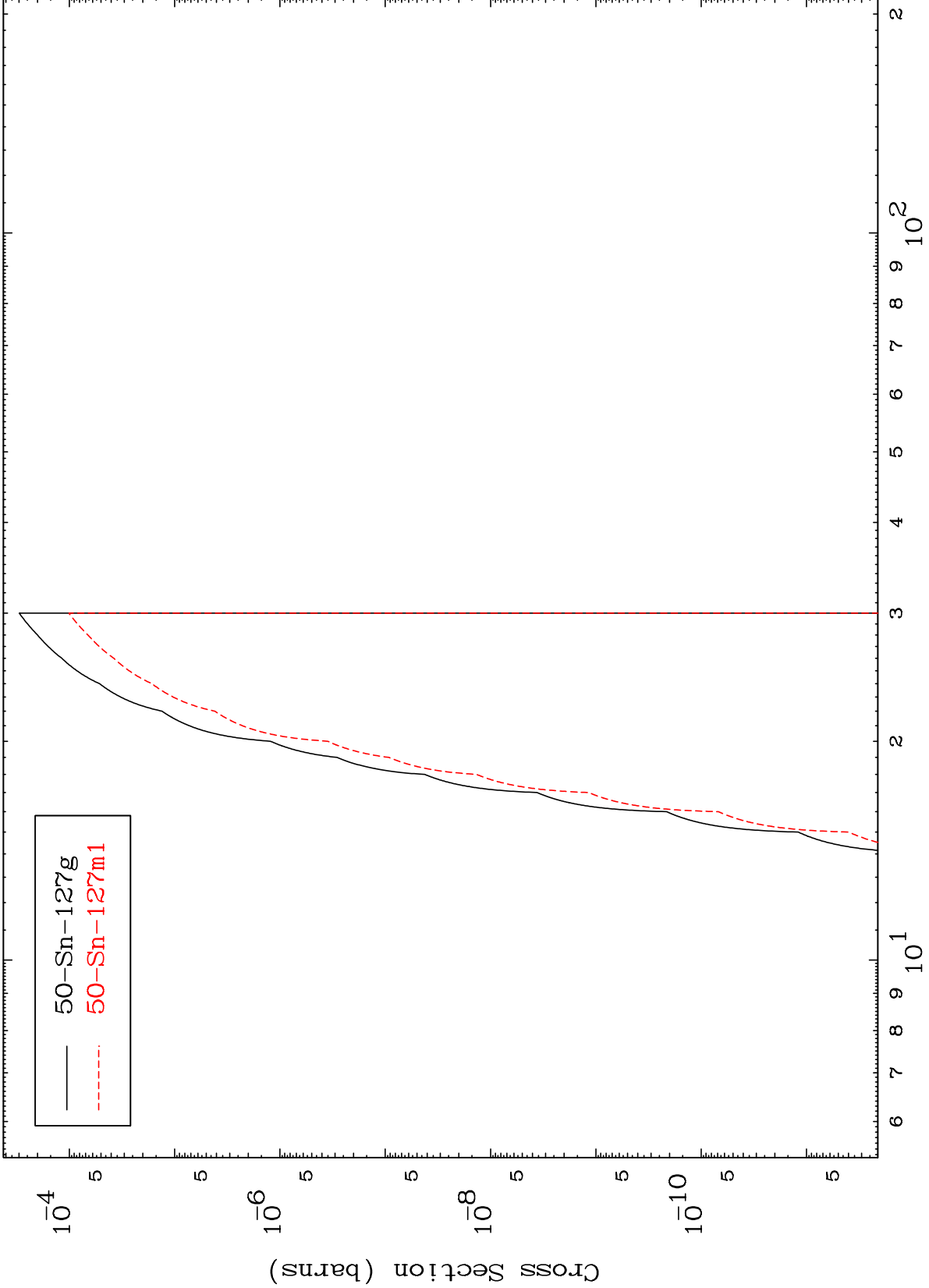
50-Sn-131

MAT 5082

(n,3n) α

50-Sn-131

Radionuclide Production Cross Section



— 50-Sn-127g
- - - 50-Sn-127m1

17

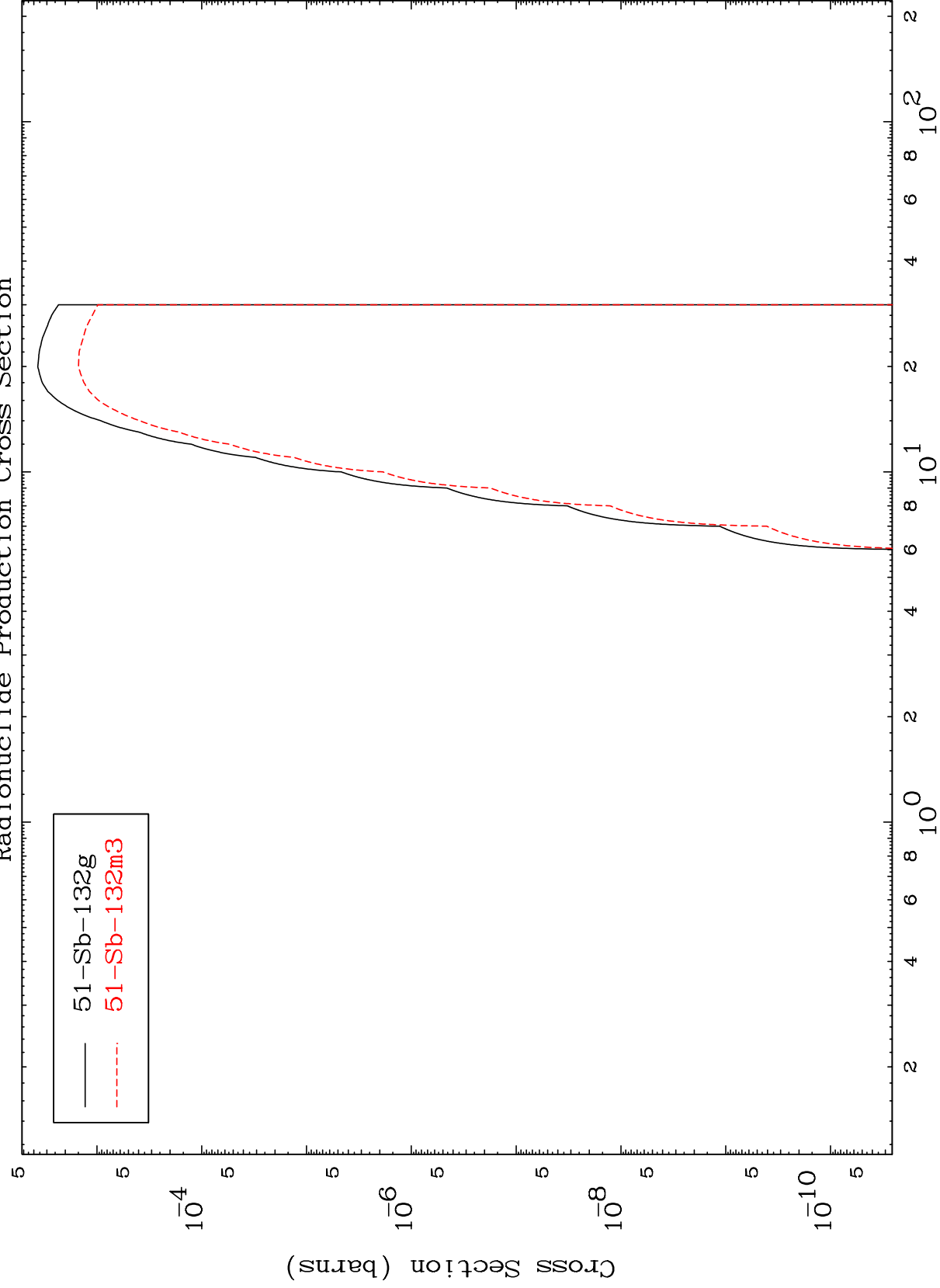
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,n') p
Radionuclide Production Cross Section



50-Sn-131

Incident Energy (MeV)

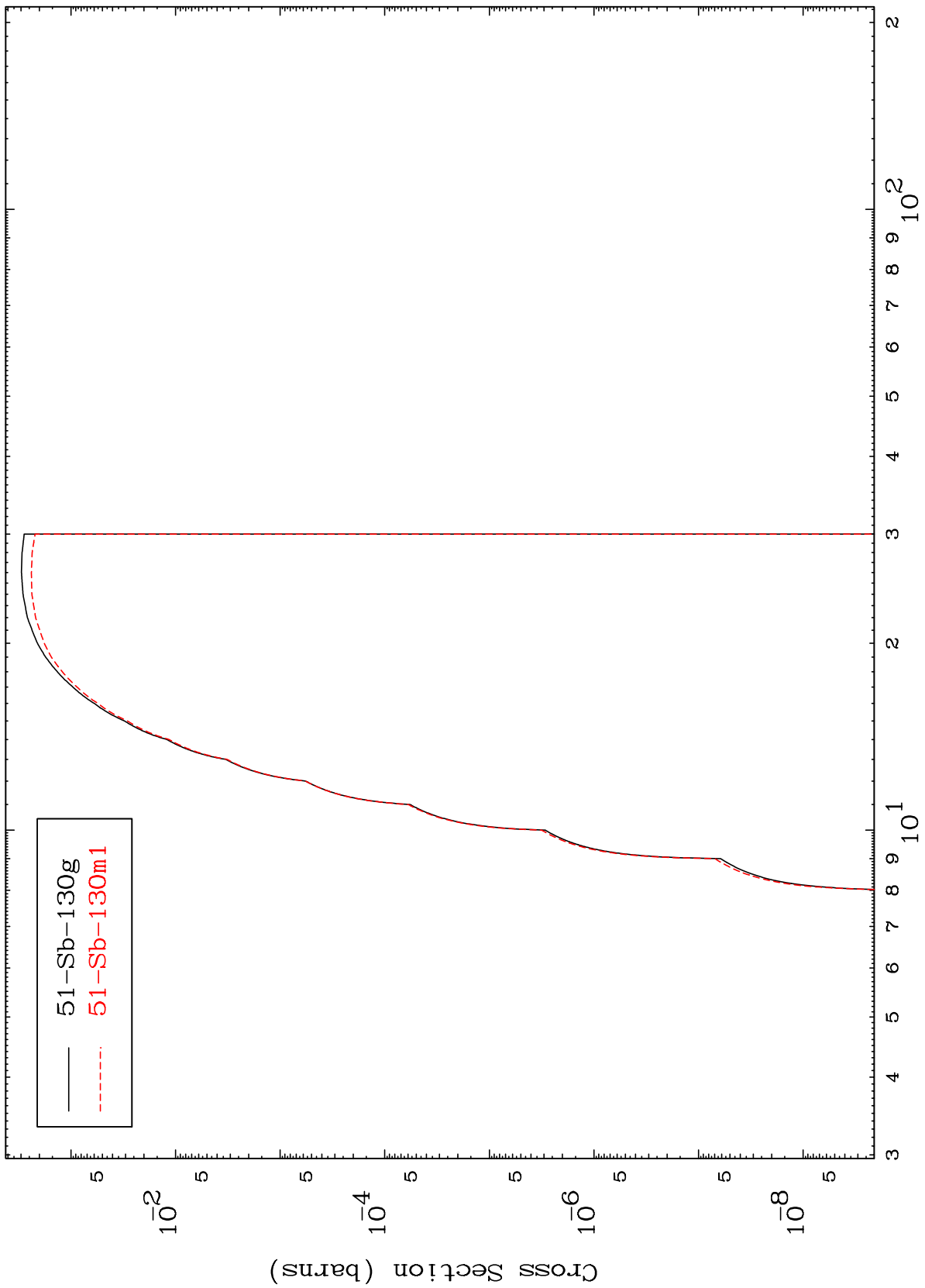
18

MAT 5082

(n,n') t

50-Sn-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

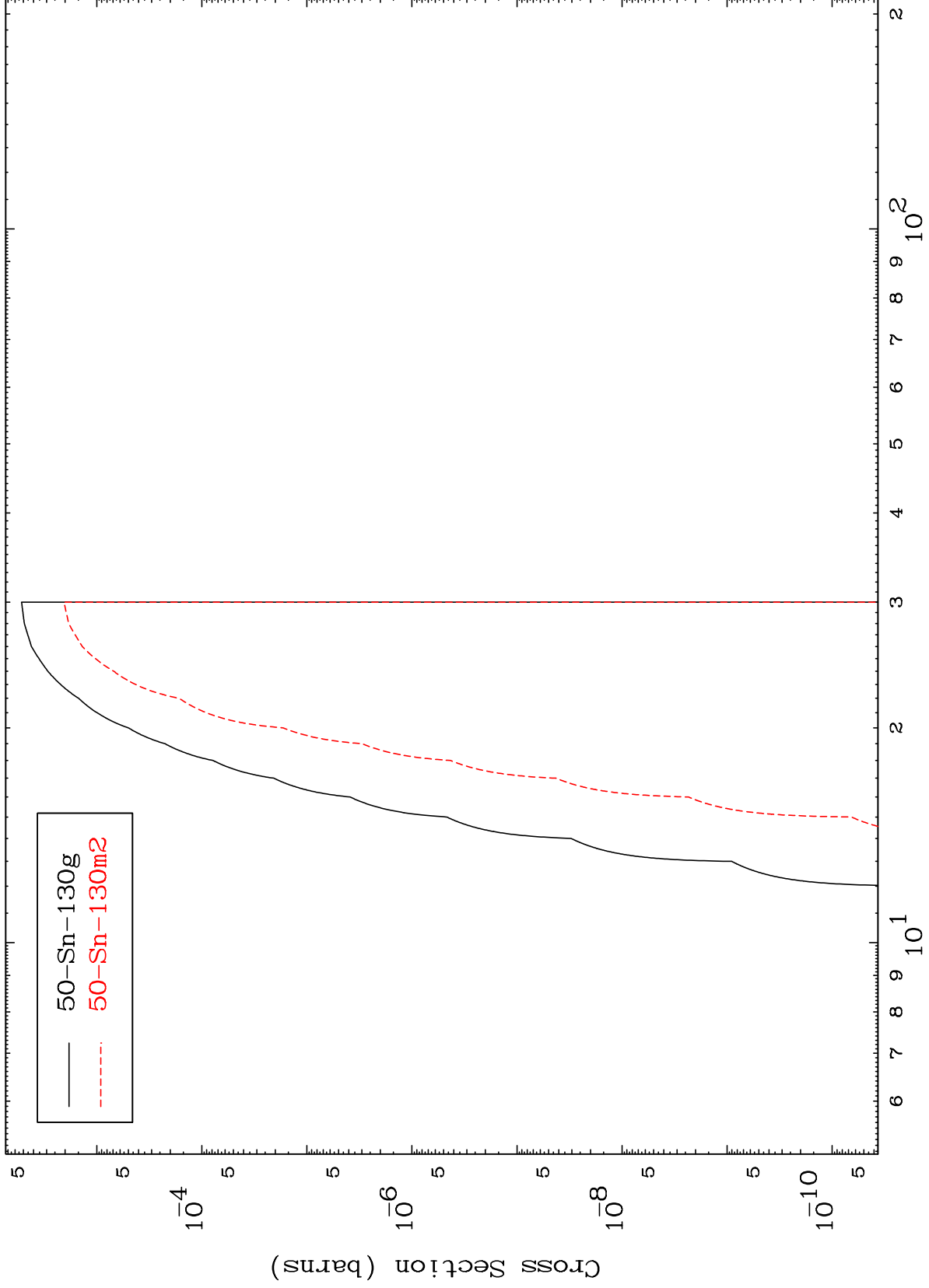
50-Sn-131

MAT 5082

(n,n') He-3

50-Sn-131

Radionuclide Production Cross Section



50-Sn-130g
50-Sn-130m2

20

Incident Energy (MeV)

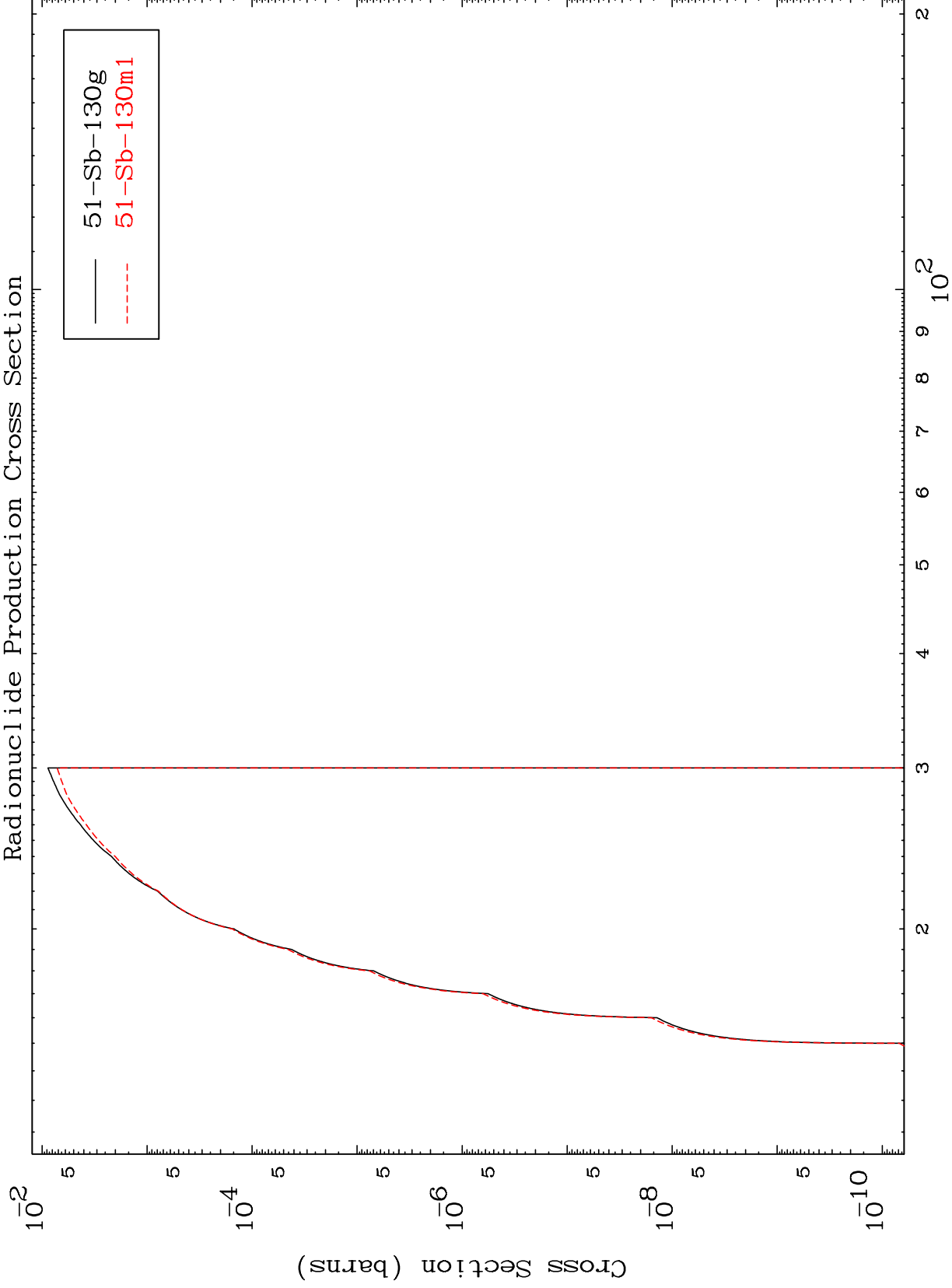
50-Sn-131

MAT 5082

50-Sn-131

(n,3n) p

Radionuclide Production Cross Section



21

Incident Energy (MeV)

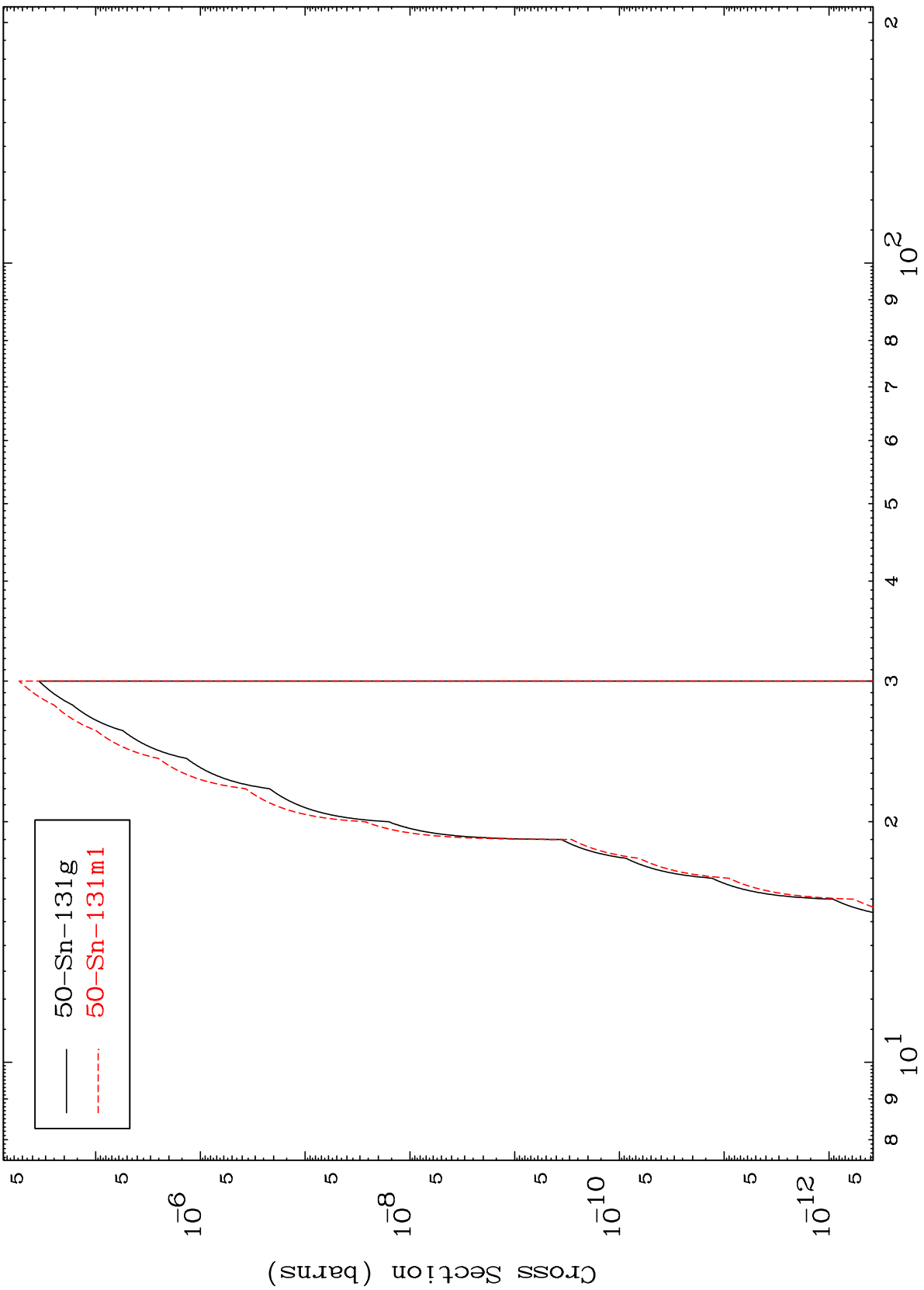
50-Sn-131

MAT 5082

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section

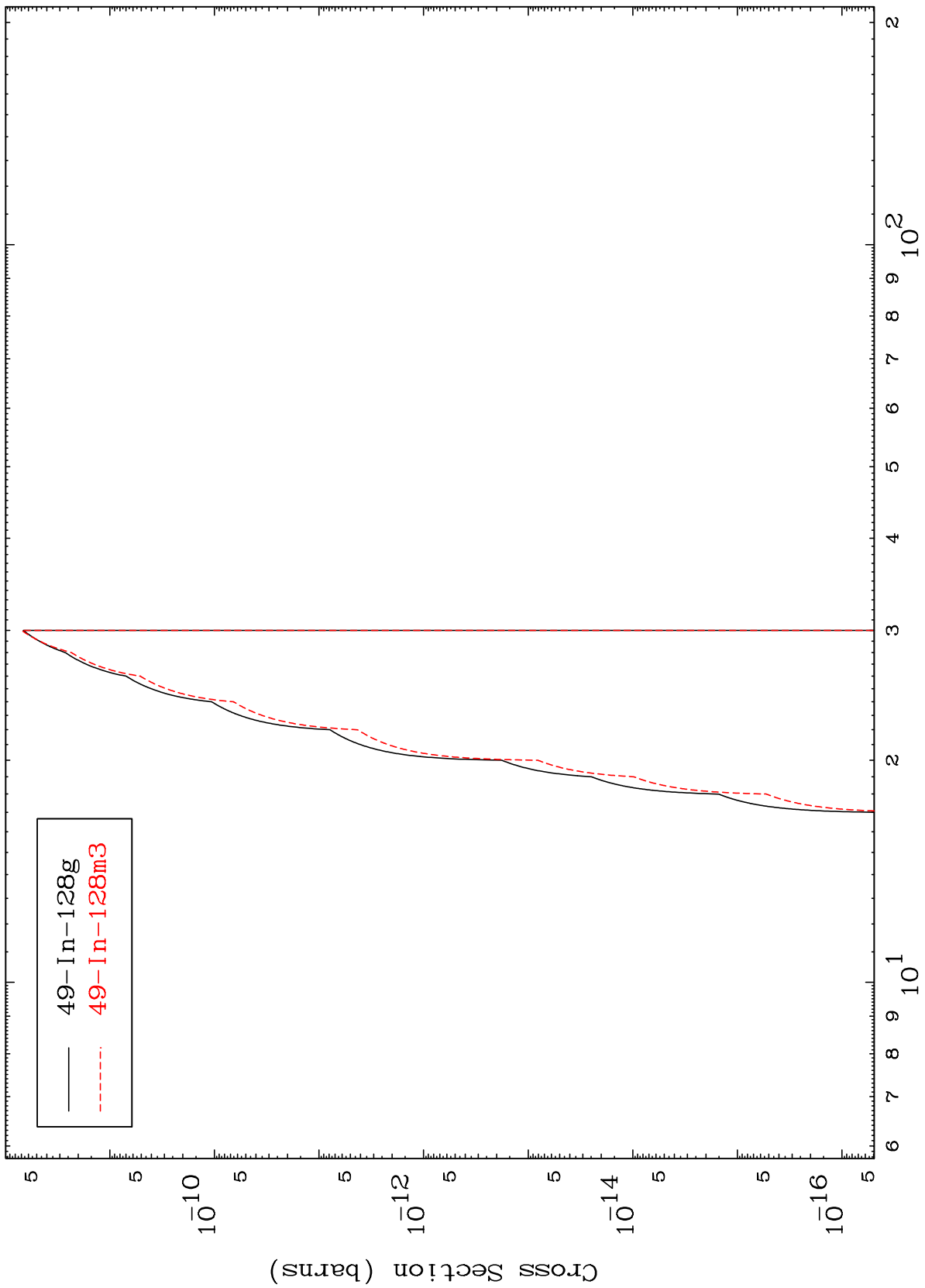


MAT 5082

(n,n') p α

50-Sn-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

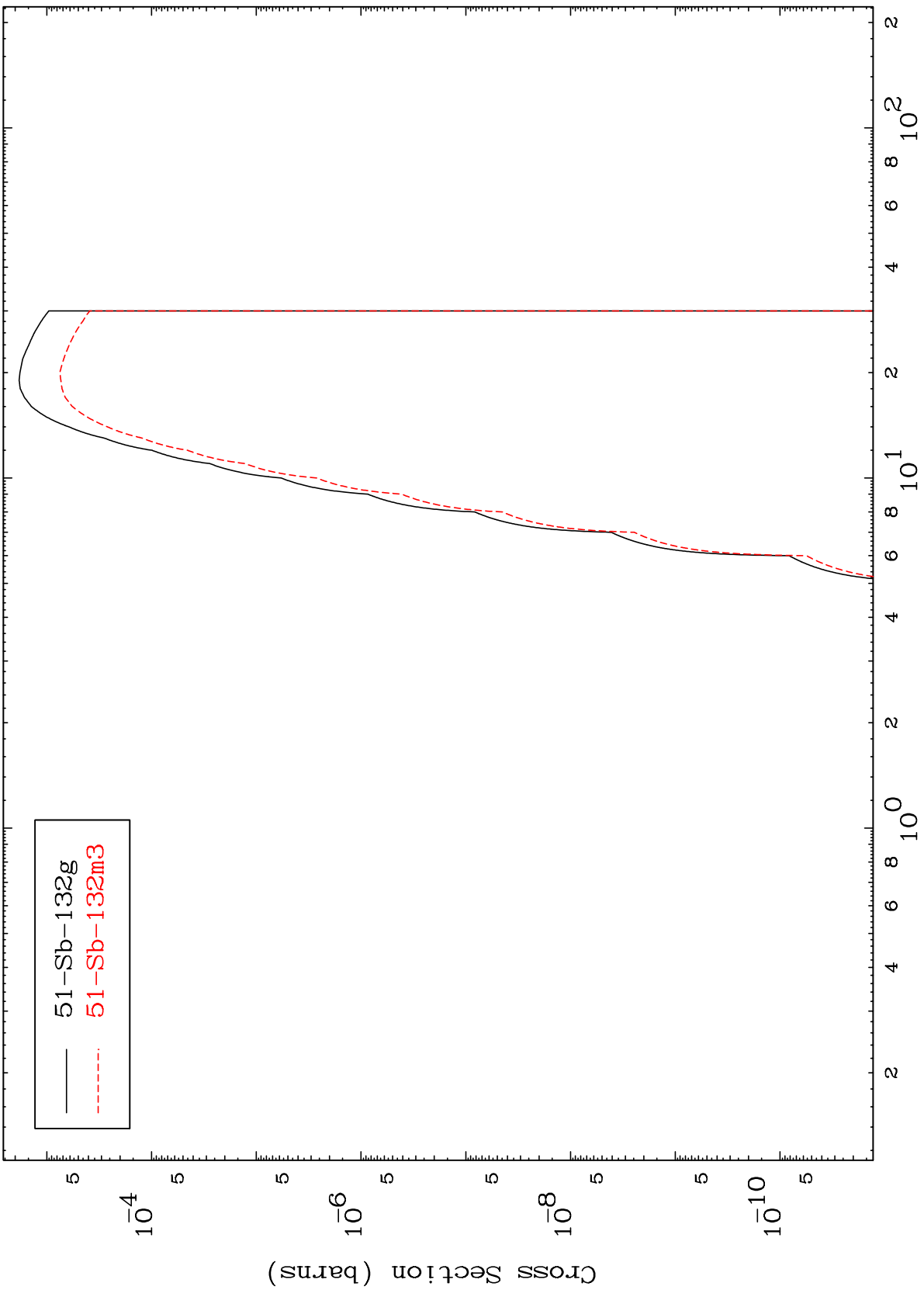
50-Sn-131

MAT 5082

(n,d)

50-Sn-131

Radionuclide Production Cross Section



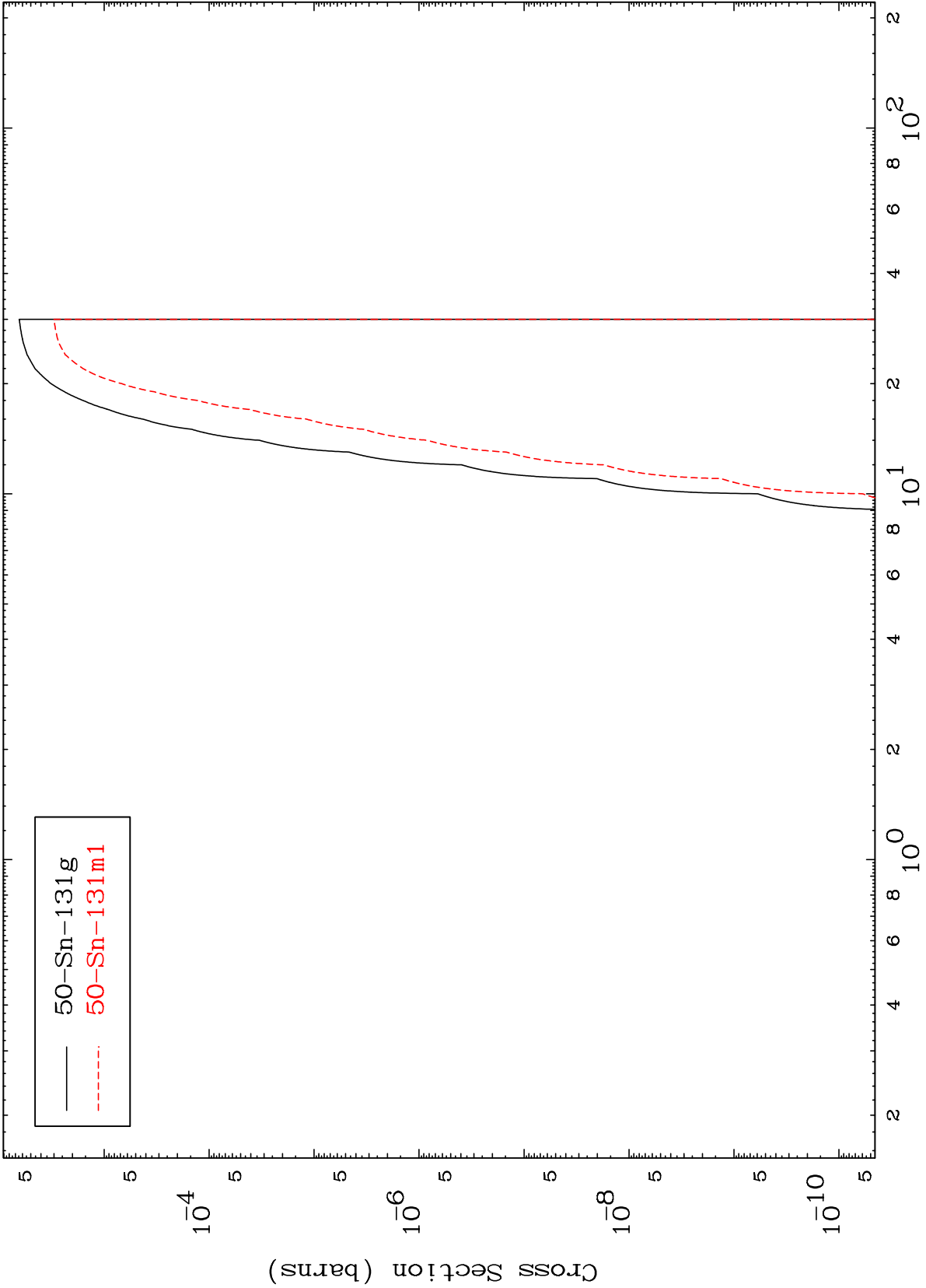
51-Sb-132g
51-Sb-132m3

MAT 5082

(n,He-3)

50-Sn-131

Radionuclide Production Cross Section



50-Sn-131g
50-Sn-131m1

25

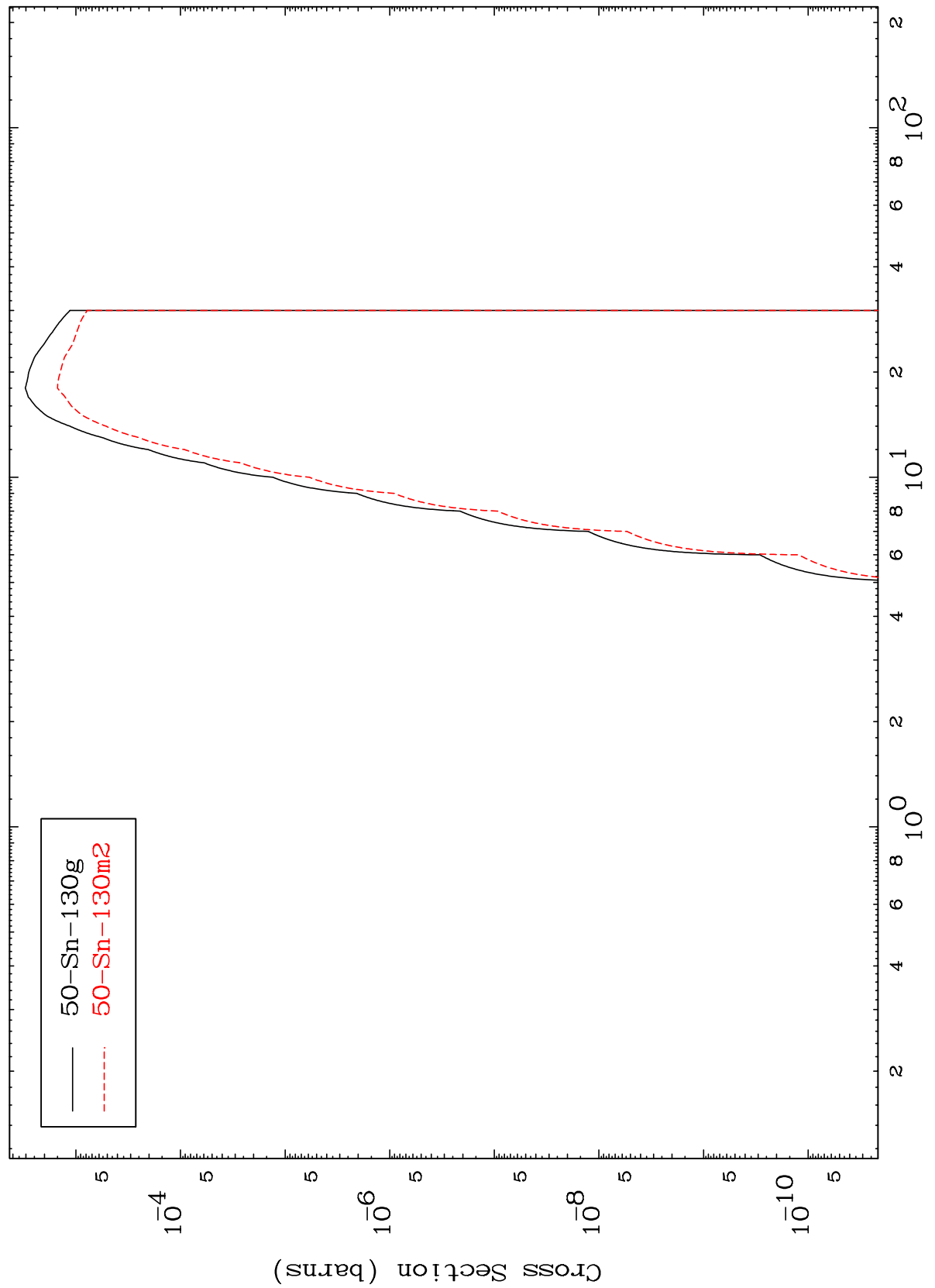
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

Radionuclide Production Cross Section
(n, α)



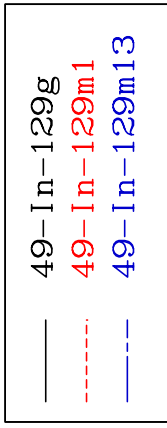
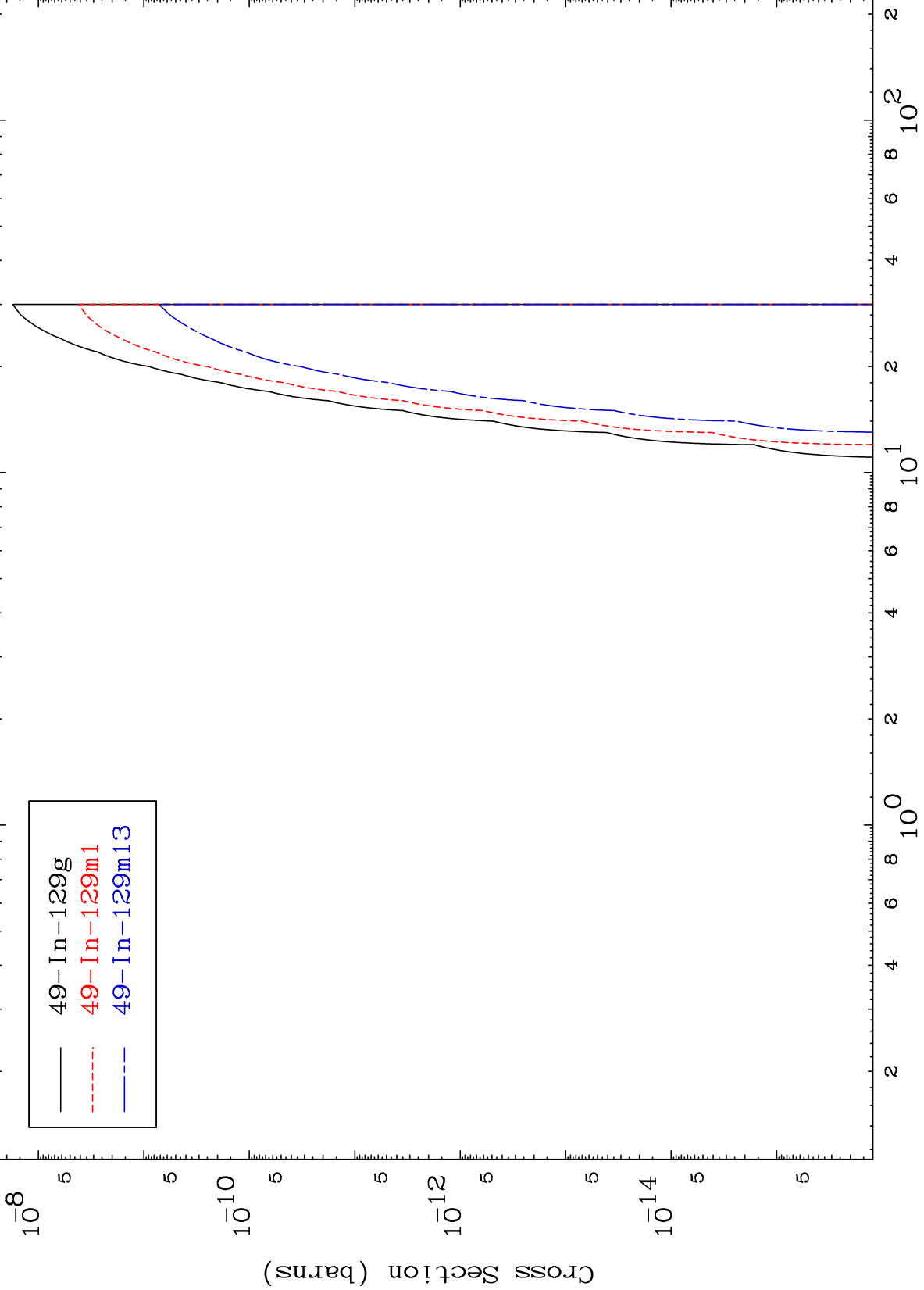
— 50-Sn-130g
- - - 50-Sn-130m2

MAT 5082

(n,p) α

50-Sn-131

Radionuclide Production Cross Section

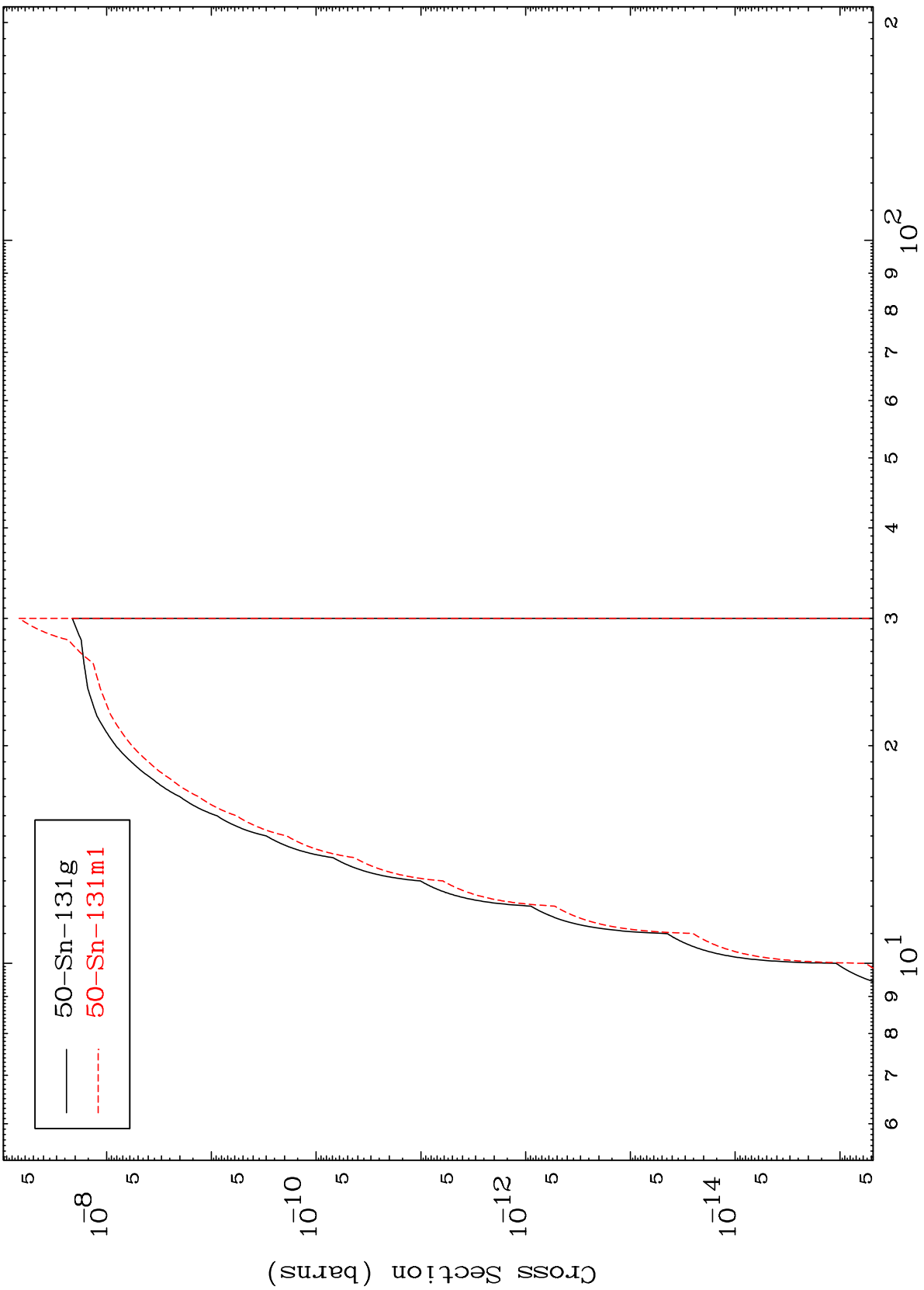


MAT 5082

(n,p) d

50-Sn-131

Radionuclide Production Cross Section



28

Incident Energy (MeV)

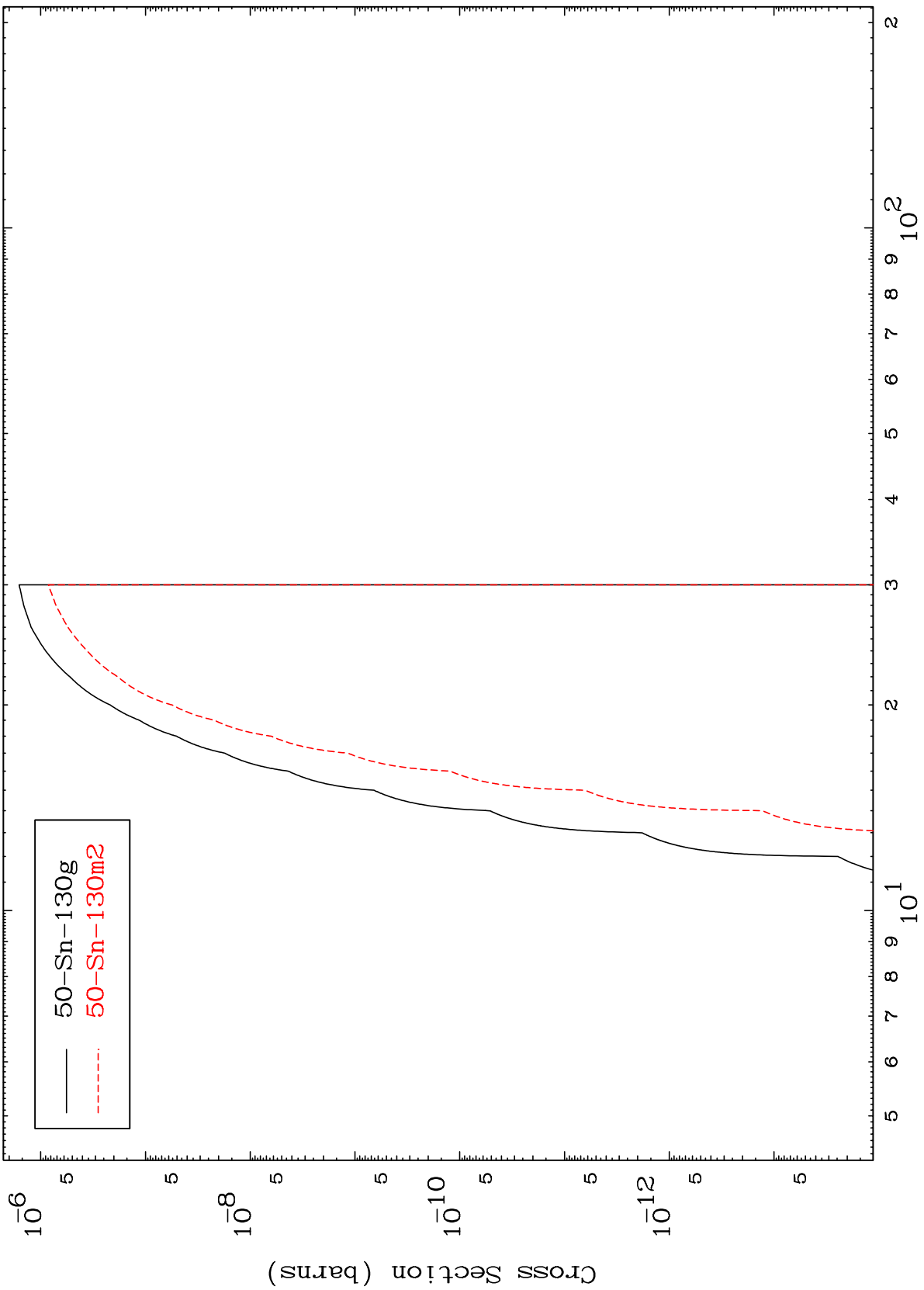
50-Sn-131

MAT 5082

(n,p) t

50-Sn-131

Radionuclide Production Cross Section



29

Incident Energy (MeV)

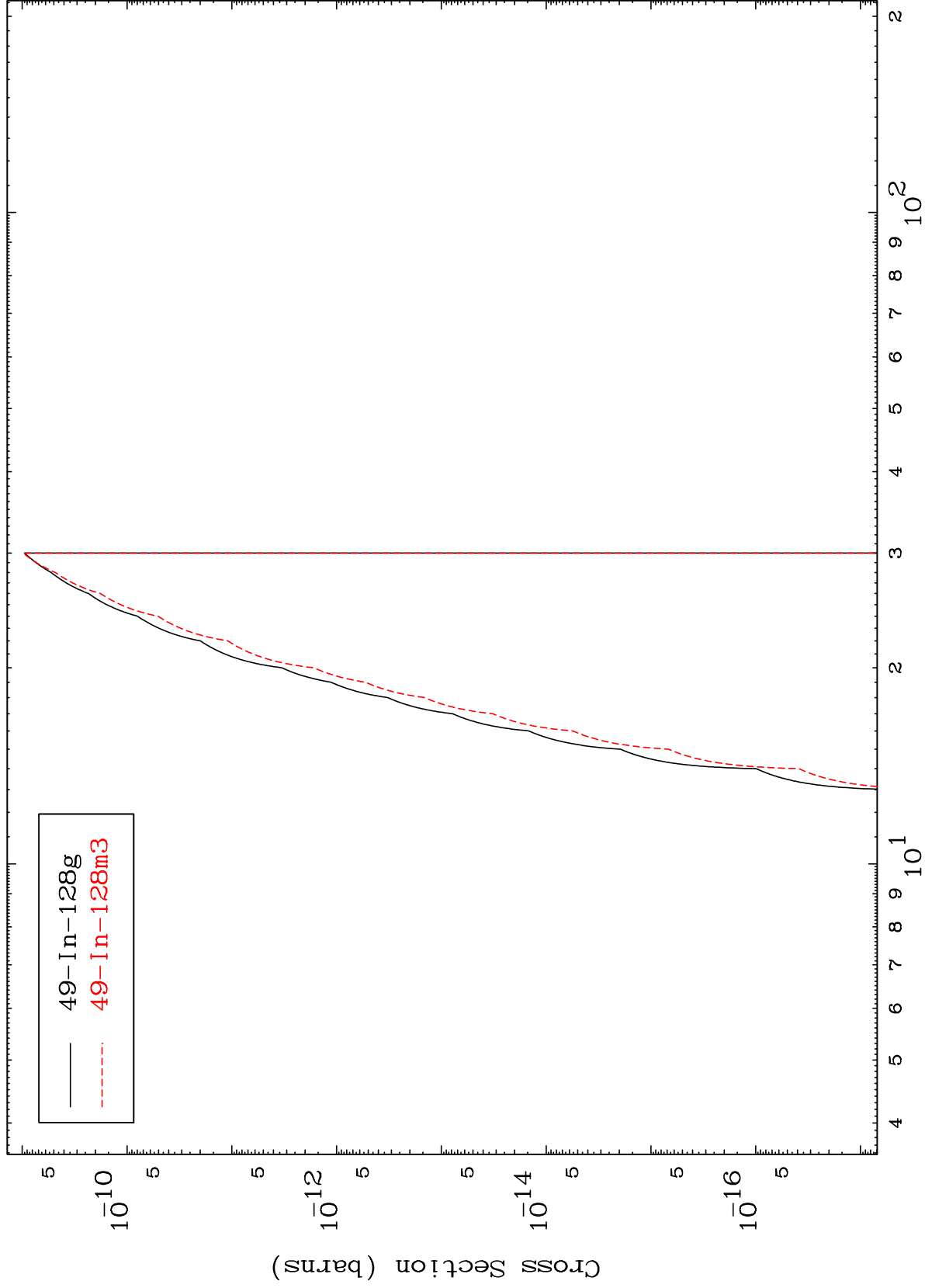
50-Sn-131

MAT 5082

(n,d) α

50-Sn-131

Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-131