

Program EVALPLOT
(Version 2018-1)

by

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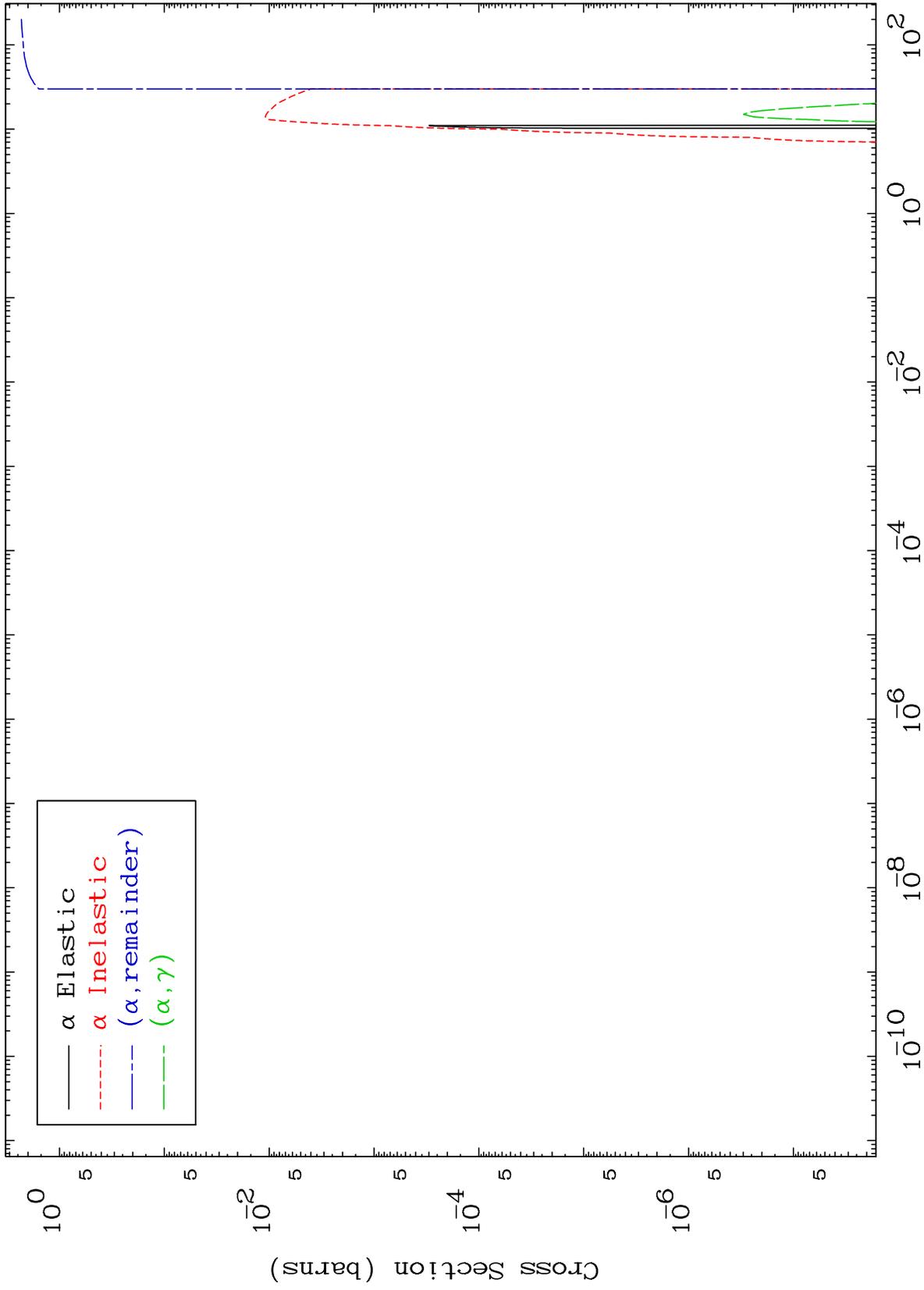
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5082

0 Kelvin α Major
Cross Sections

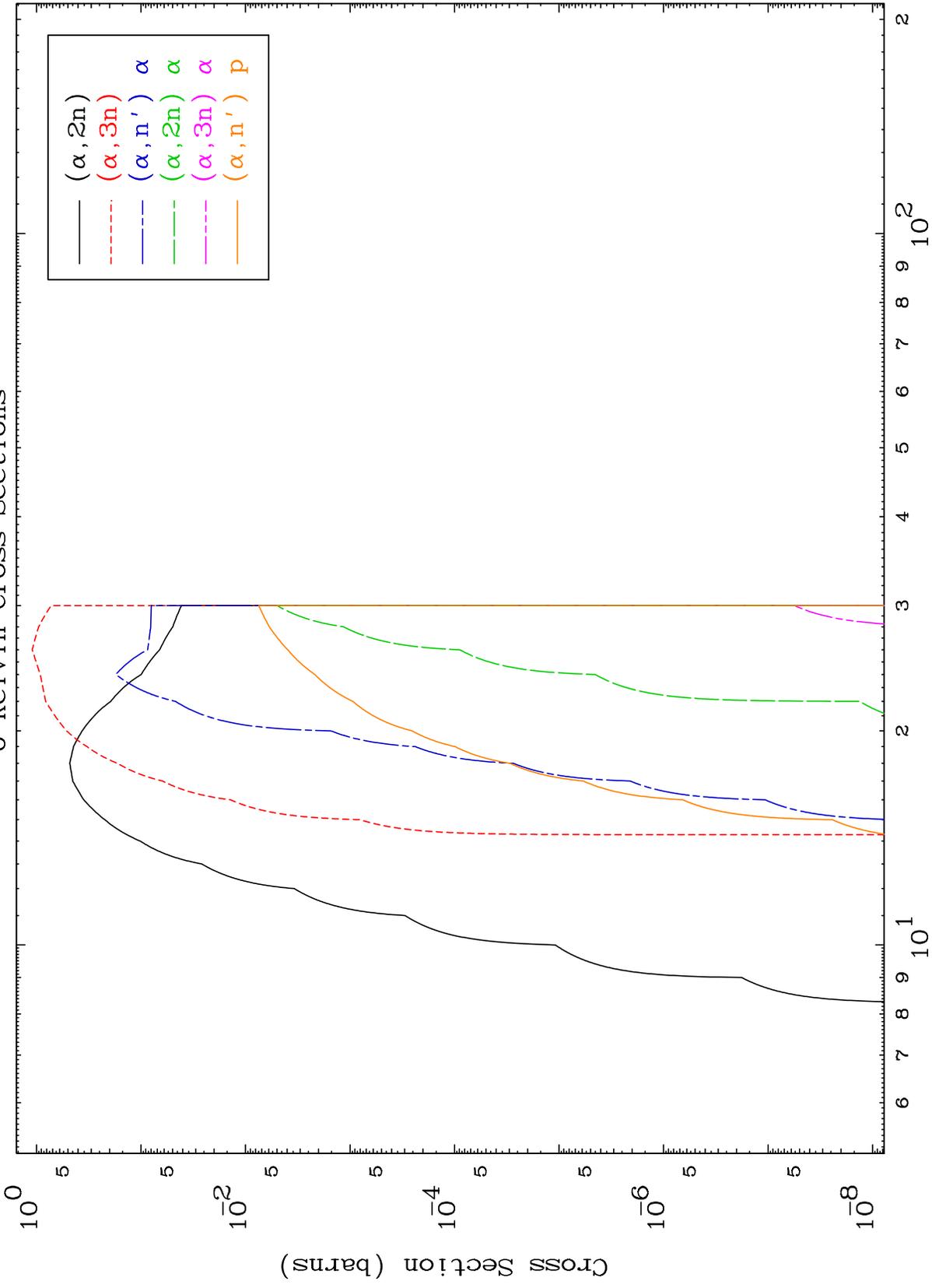
50-Sn-131



MAT 5082

α Neutron Production
0 Kelvin Cross Sections

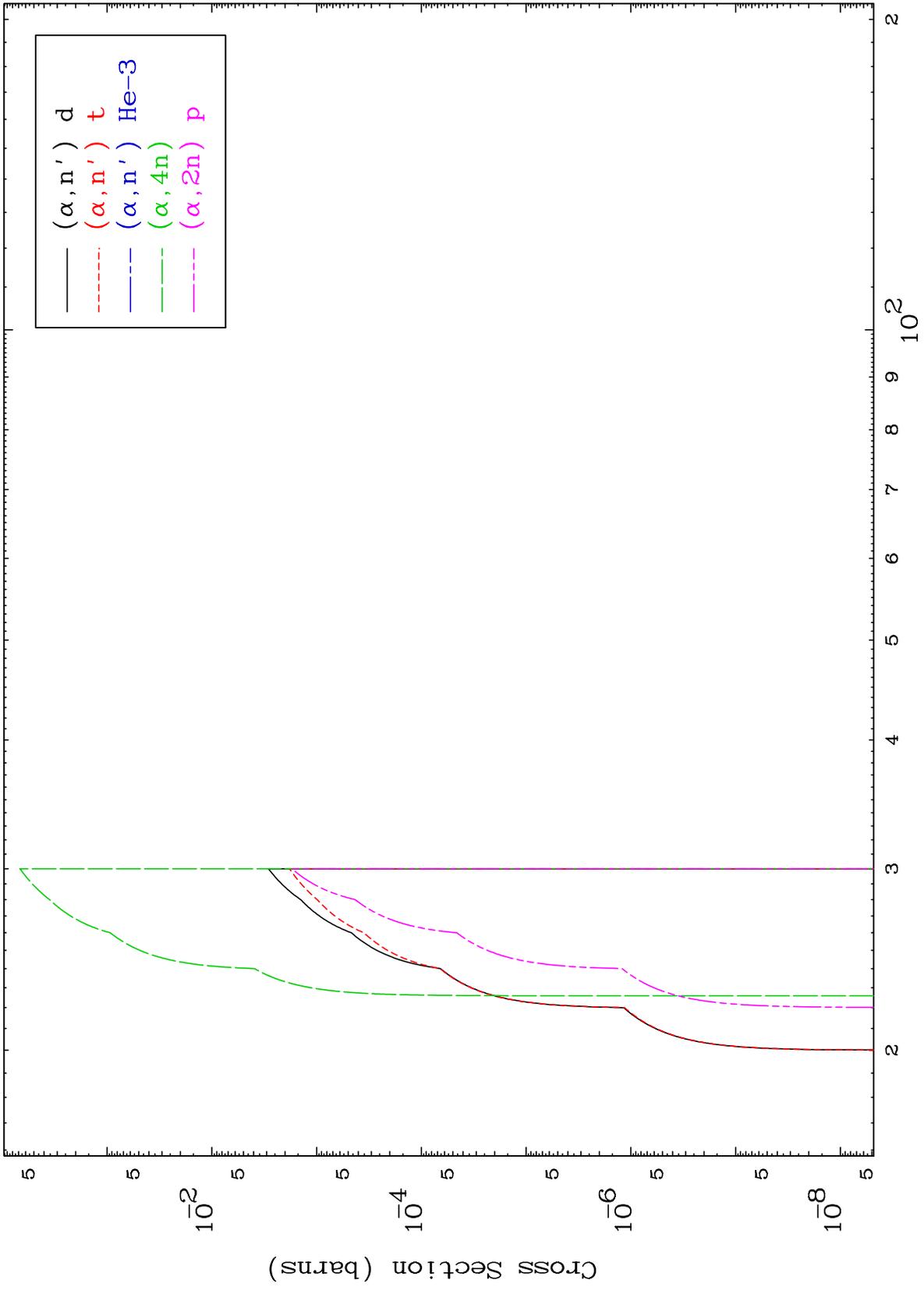
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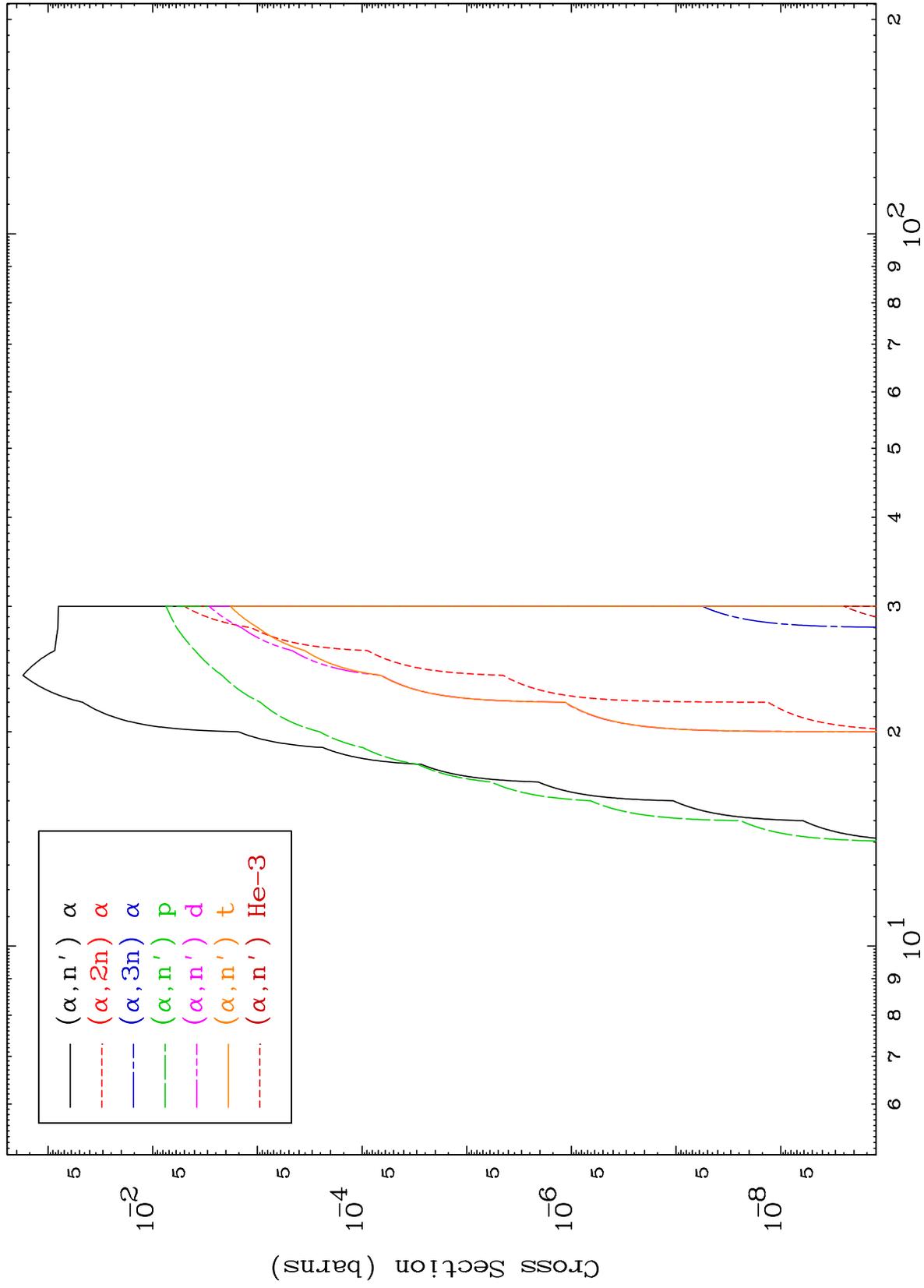


2

Incident Energy (MeV)

50-Sn-131

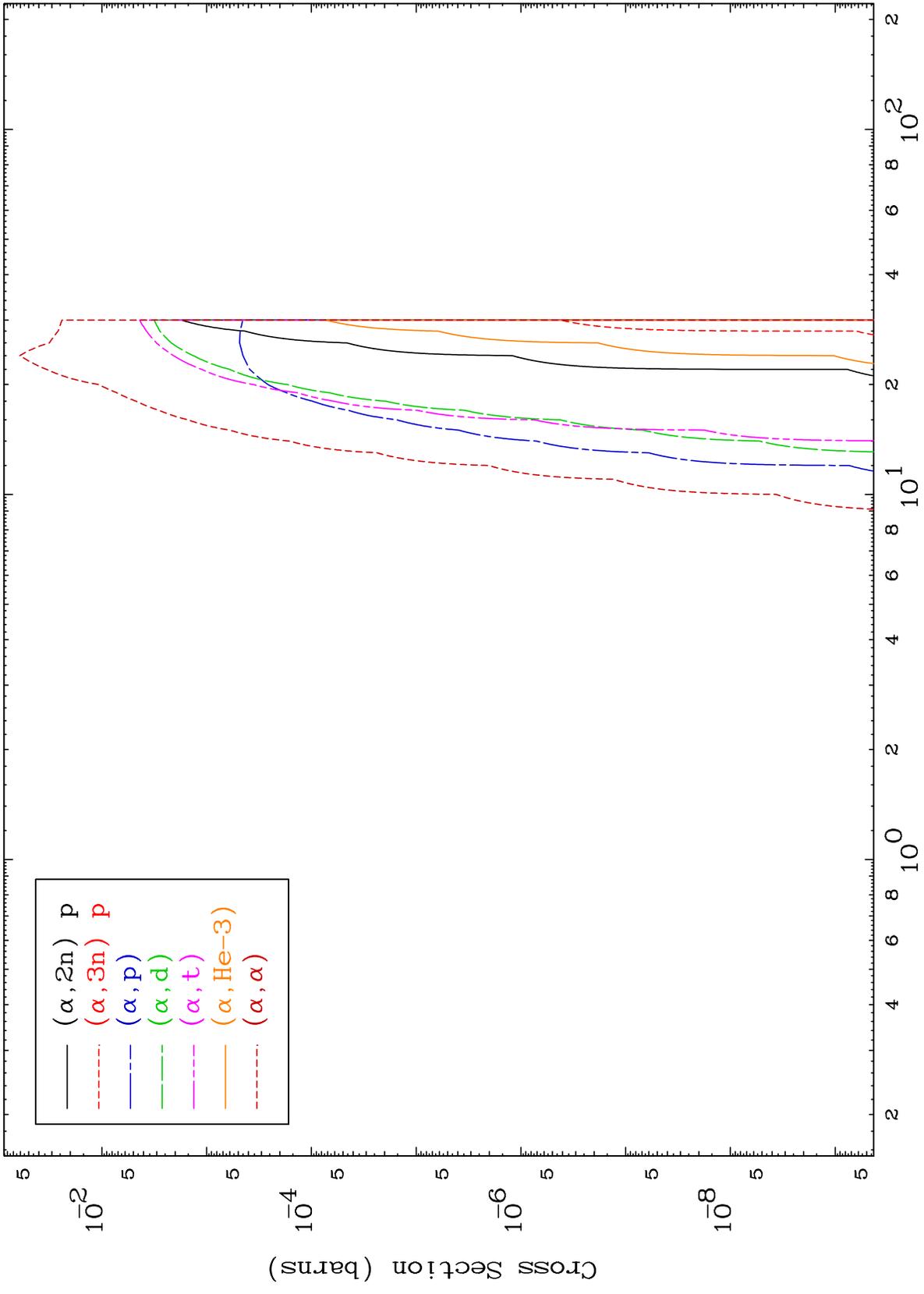




MAT 5082

α Charged Particle
0 Kelvin Cross Sections

50-Sn-131



5

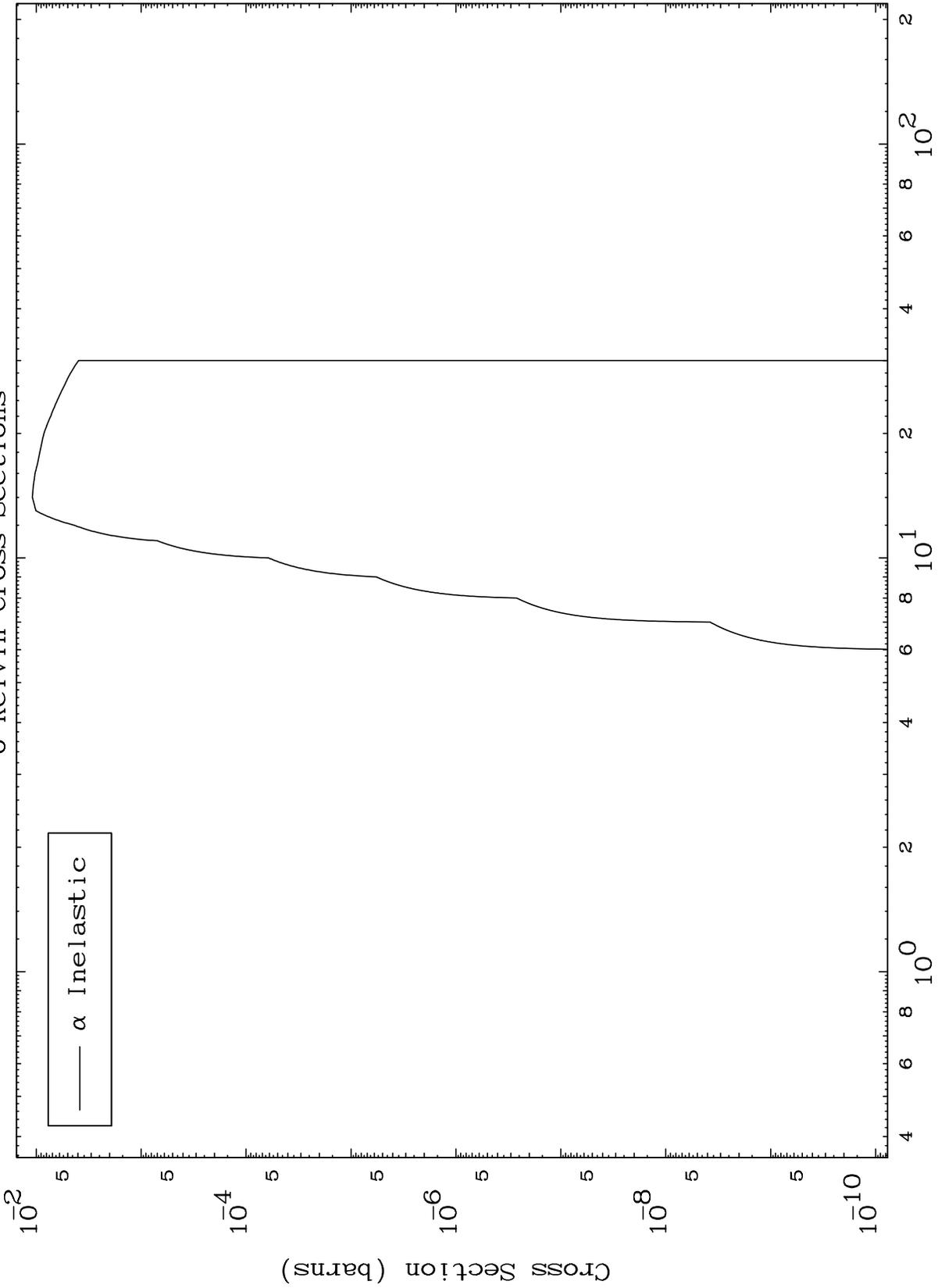
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(α, n') Level
0 Kelvin Cross Sections



50-Sn-131

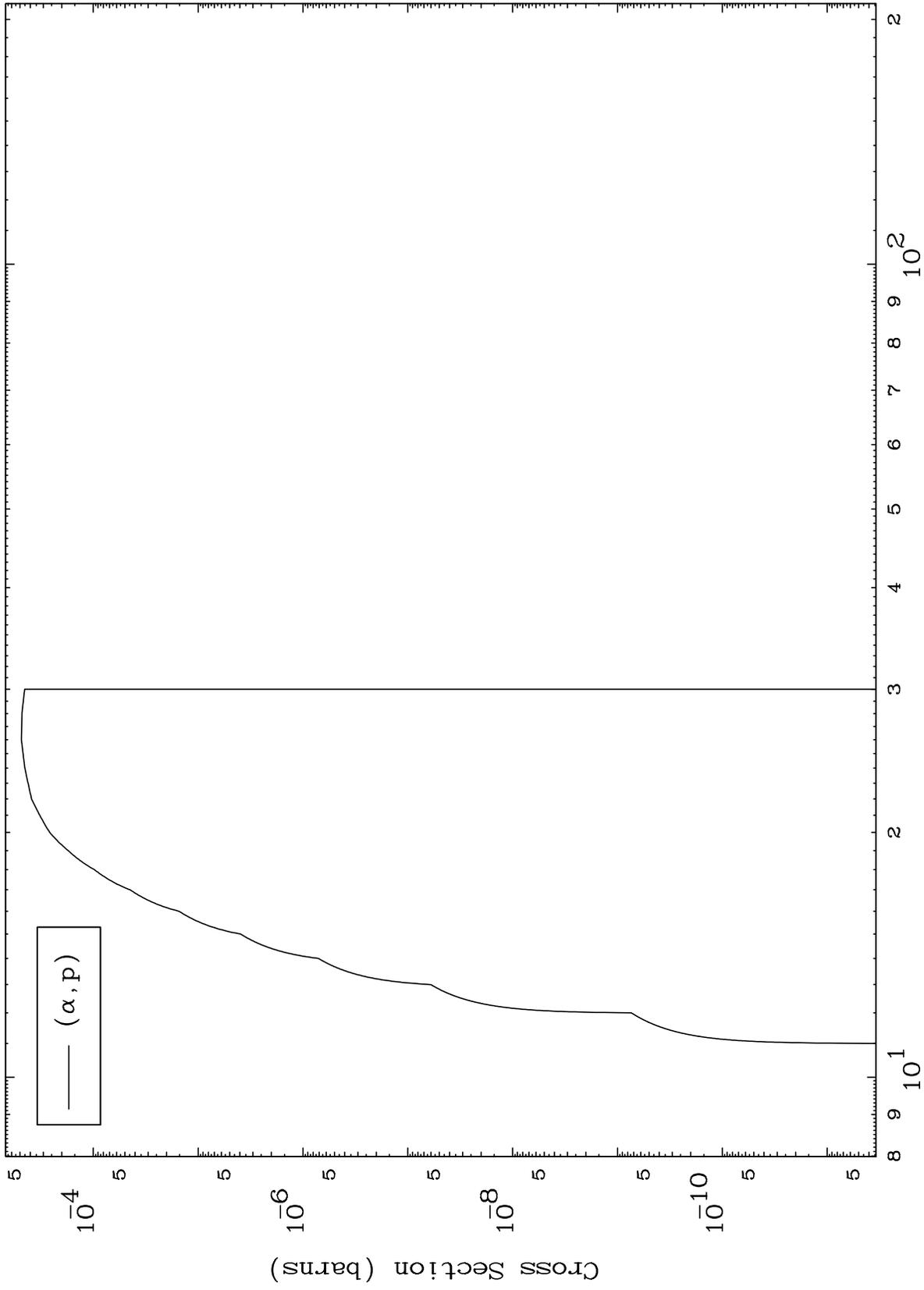
Incident Energy (MeV)

6

MAT 5082

(α, p) Levels
0 Kelvin Cross Sections

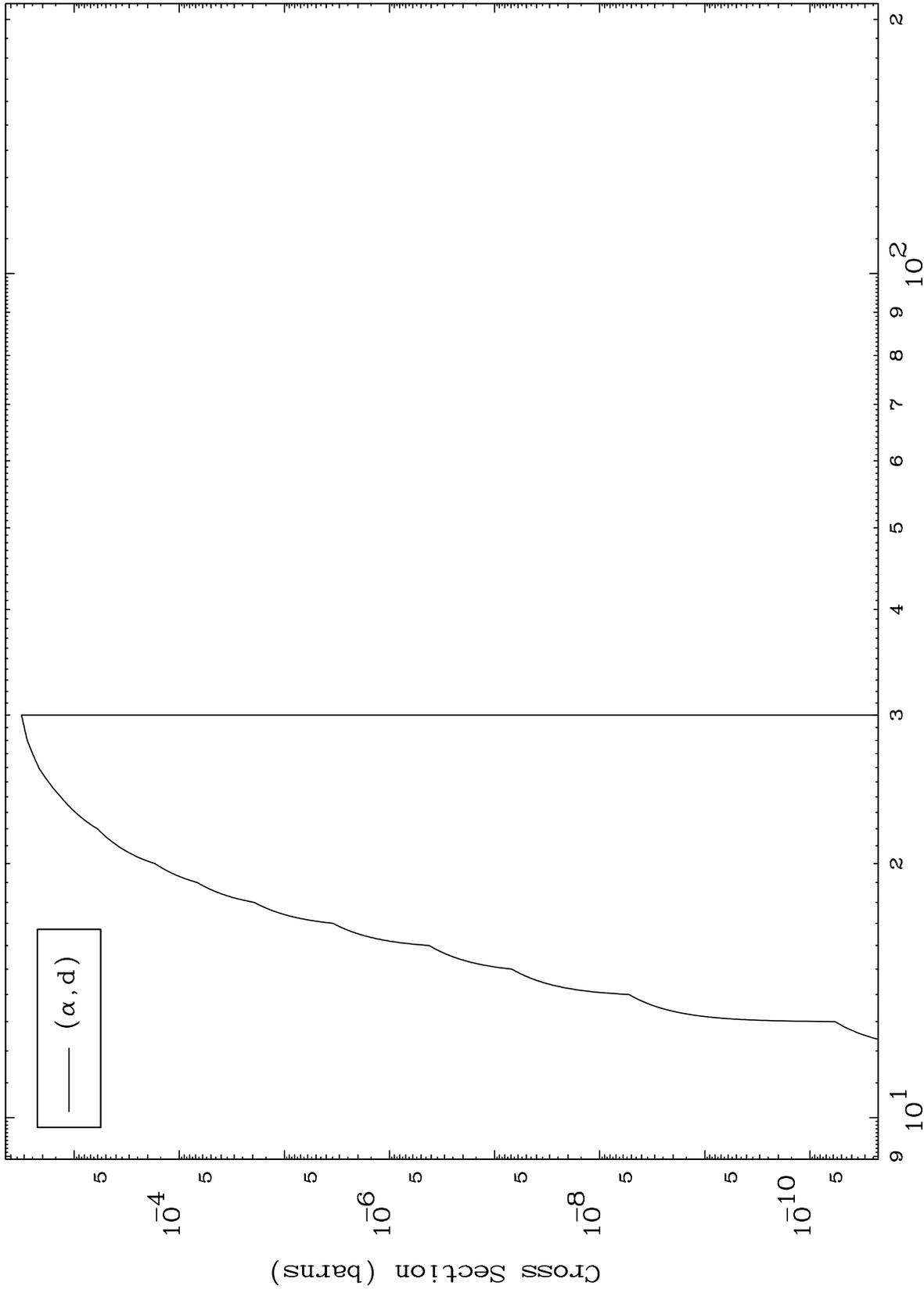
50-Sn-131

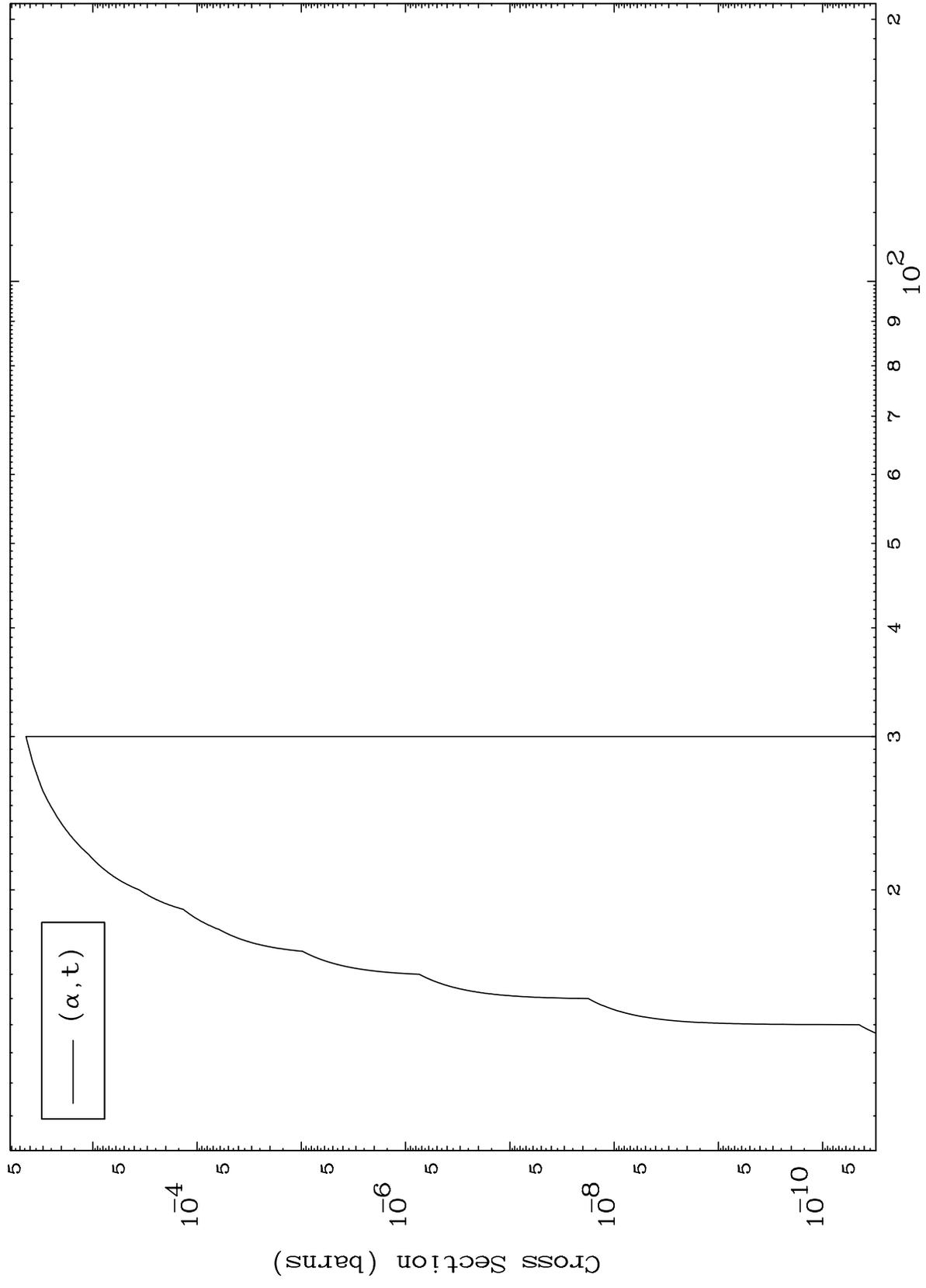


MAT 5082

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-131

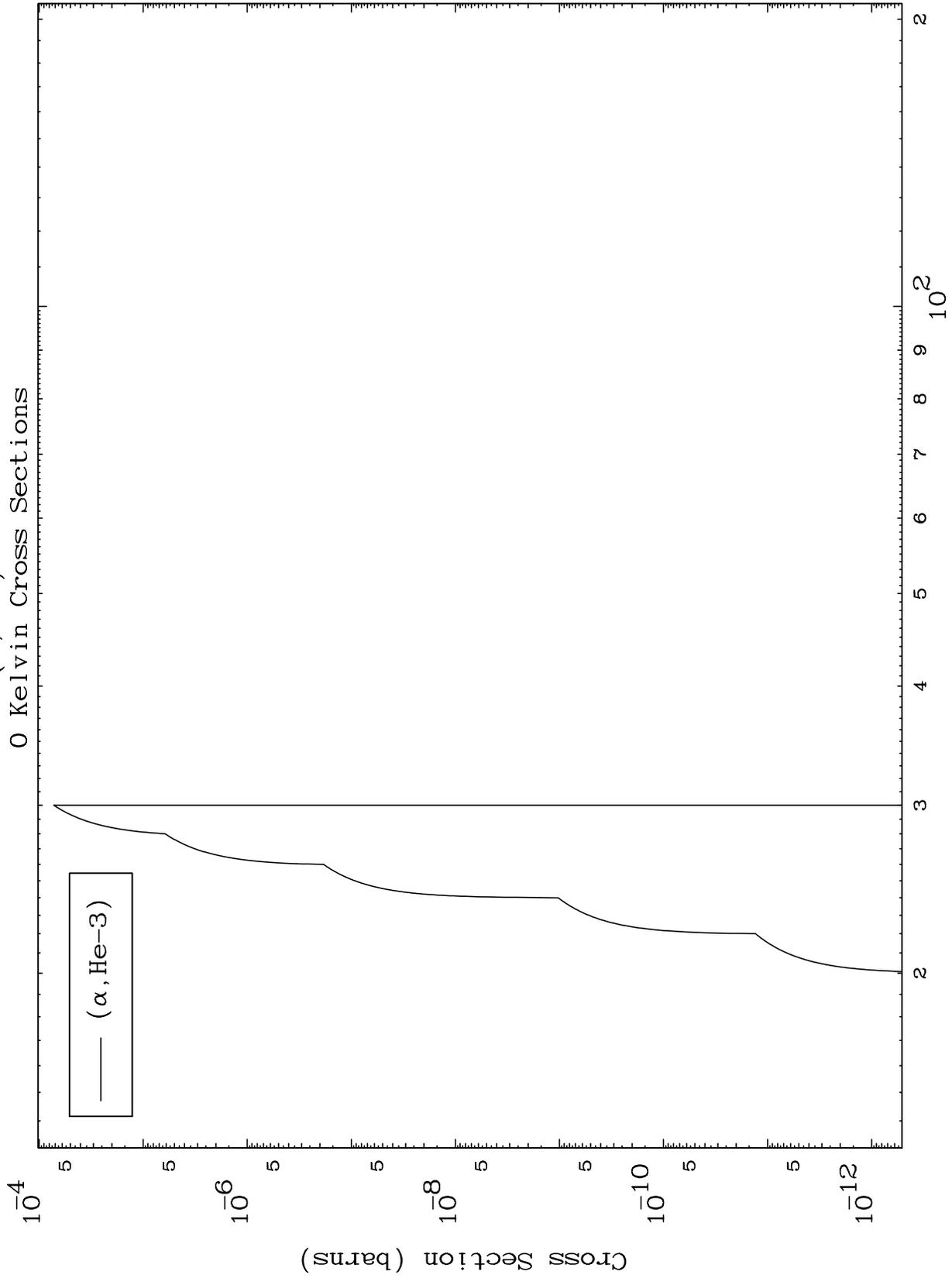




MAT 5082

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

50-Sn-131



10

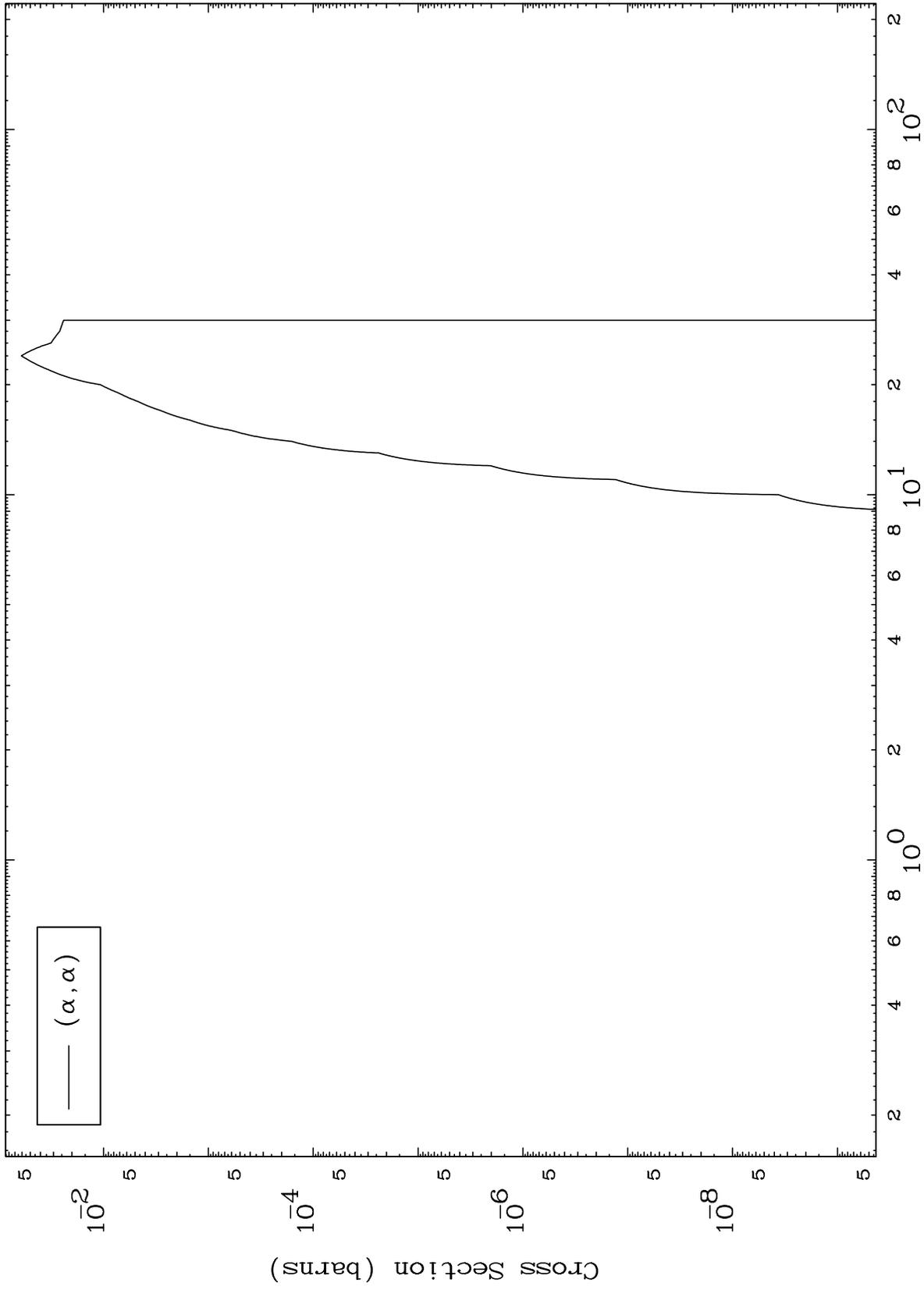
Incident Energy (MeV)

50-Sn-131

MAT 5082

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-131



11

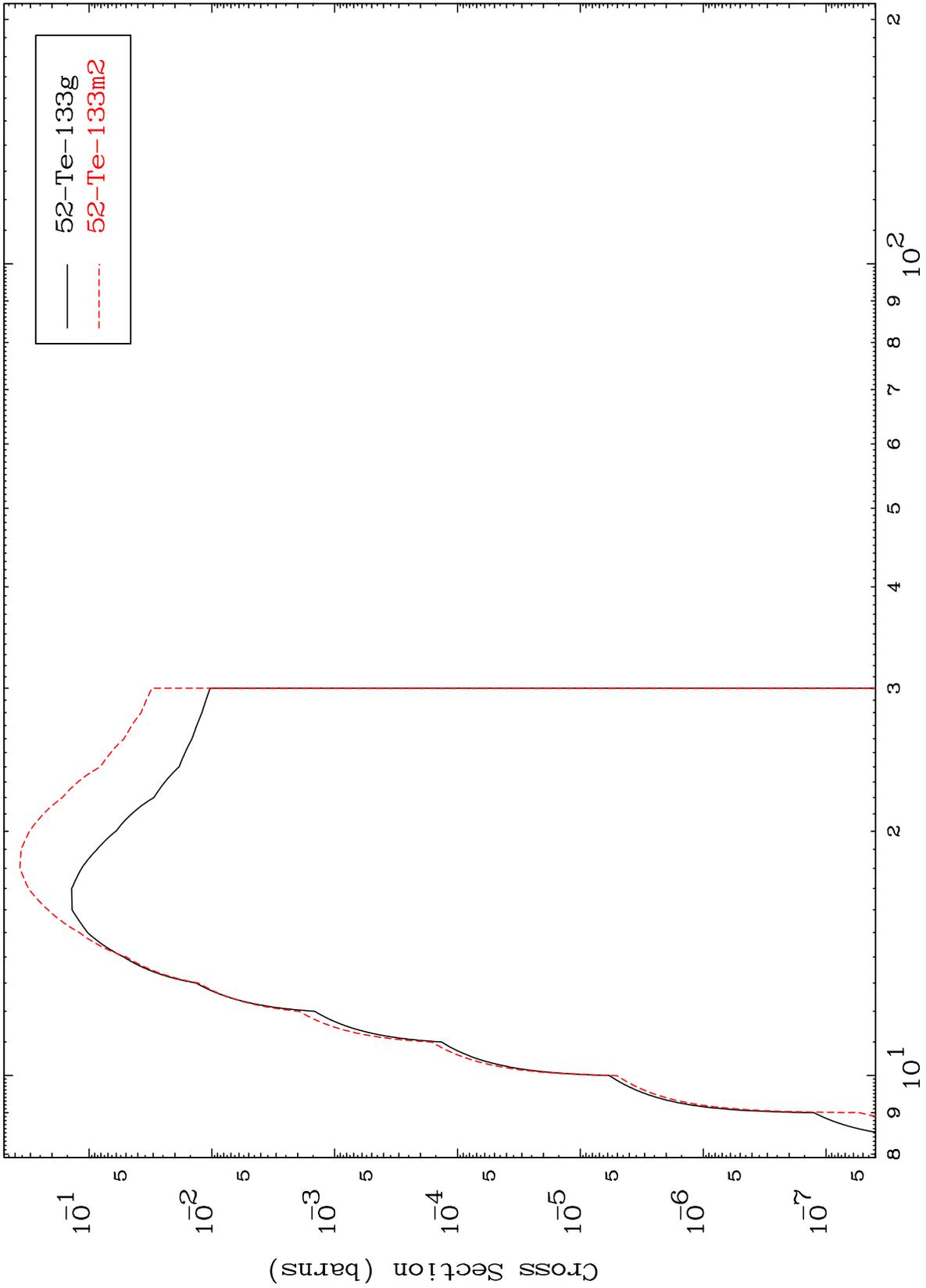
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

Radionuclide Production Cross Section
($\alpha, 2n$)



12

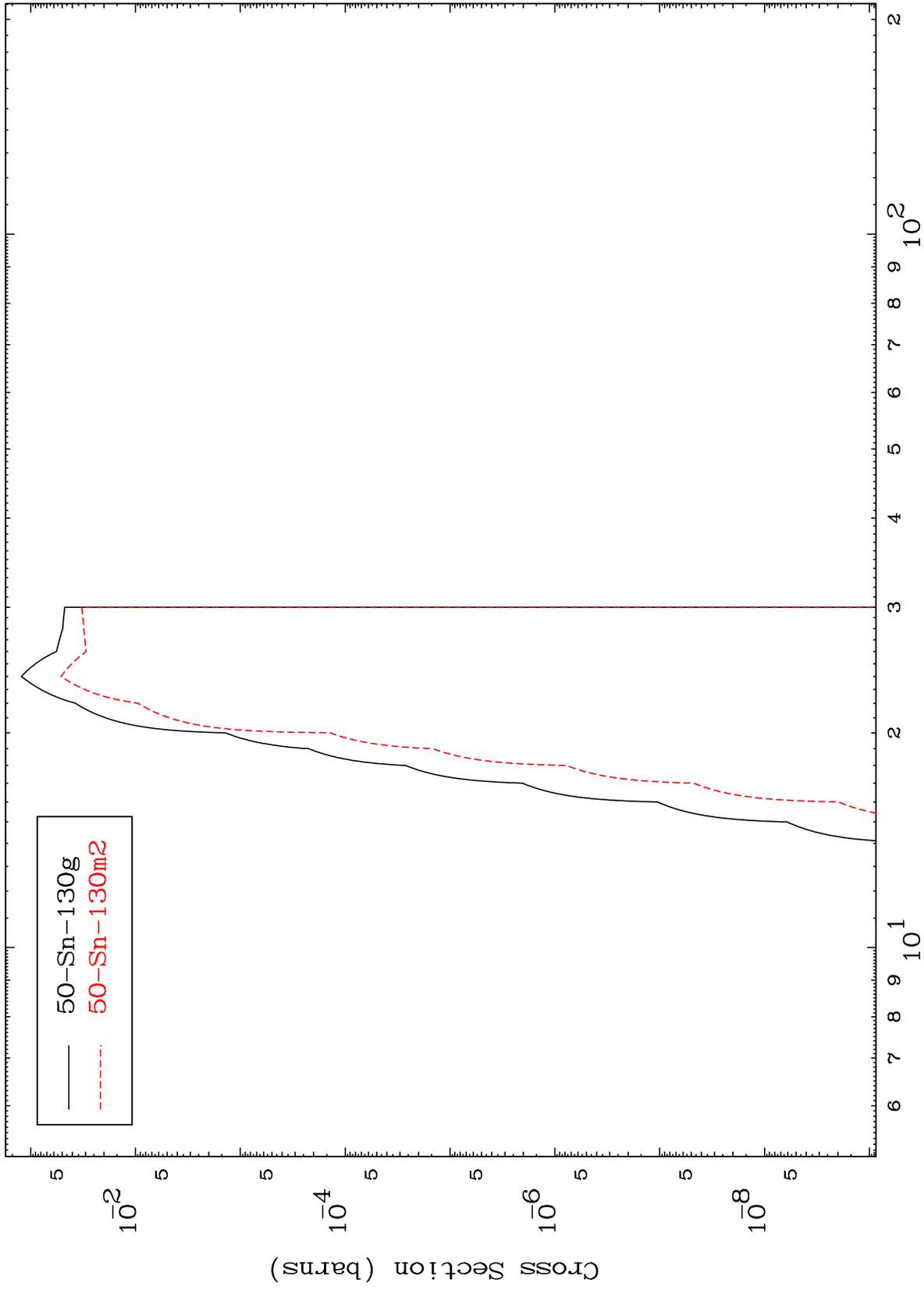
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(α, n') α
Radionuclide Production Cross Section



13

50-Sn-131

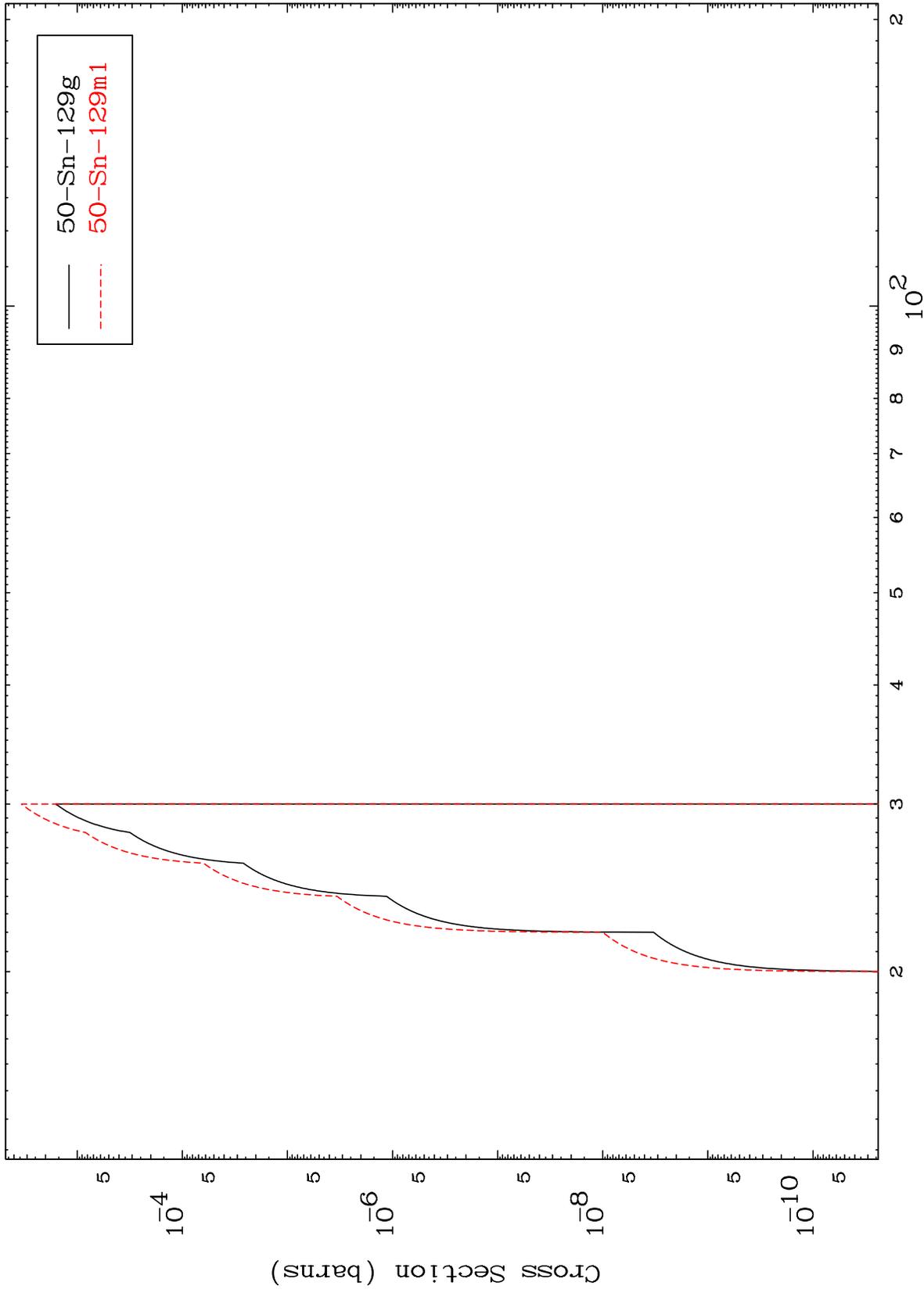
Incident Energy (MeV)

MAT 5082

$(\alpha, 2n) \alpha$

50-Sn-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

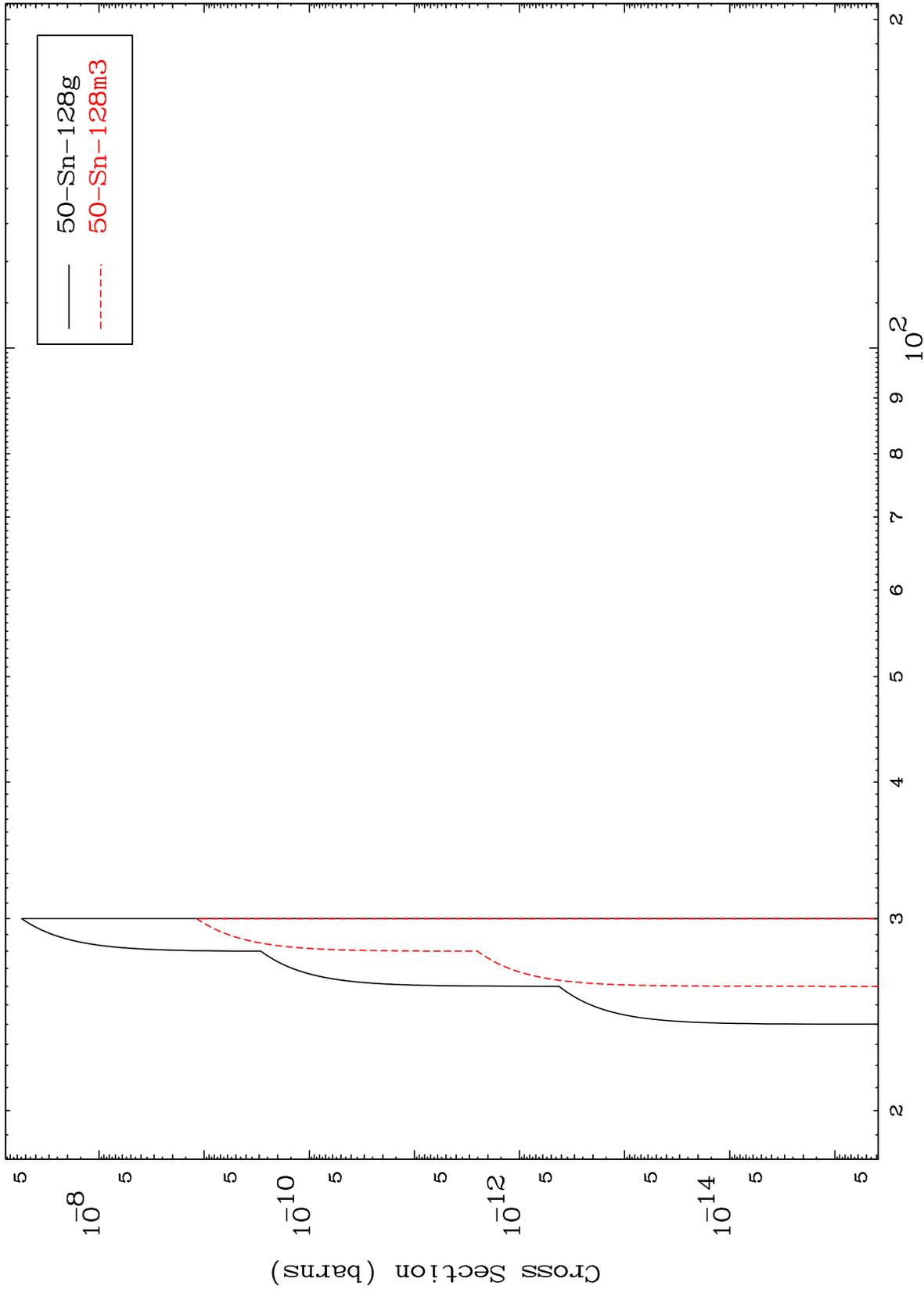
50-Sn-131

MAT 5082

$(\alpha, 3n) \alpha$

50-Sn-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

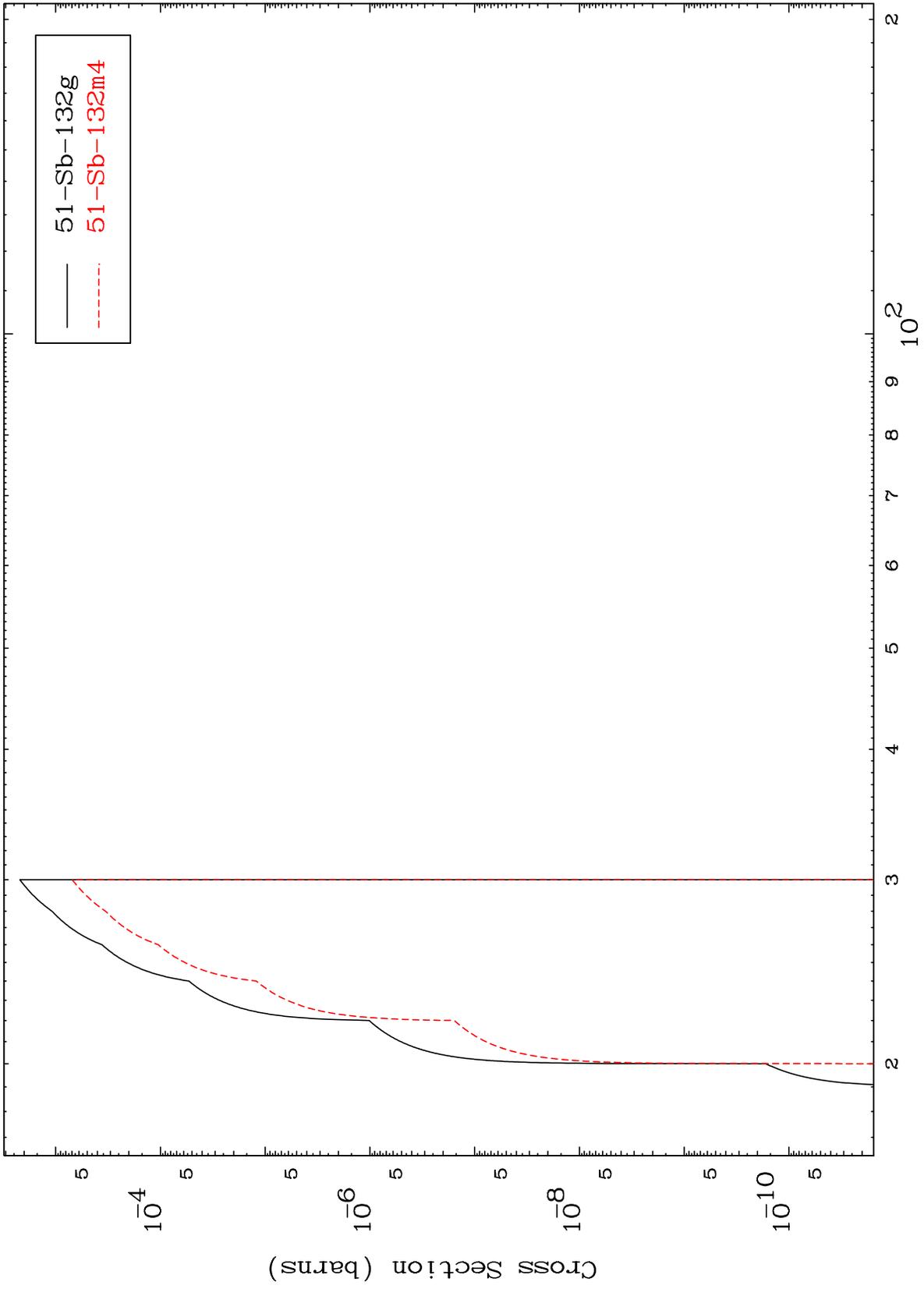
50-Sn-131

MAT 5082

(α, n') d

50-Sn-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

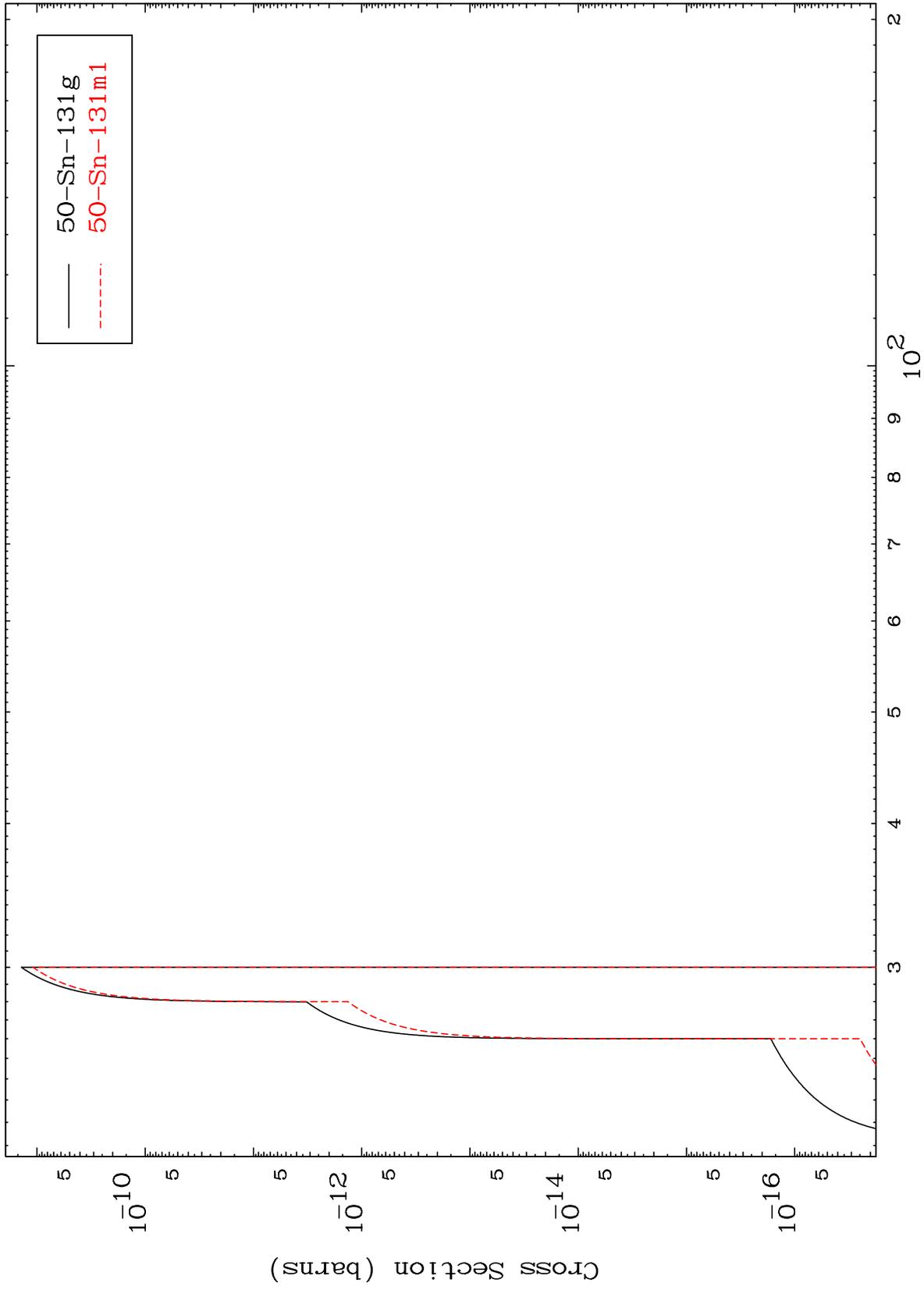
50-Sn-131

MAT 5082

(α, n') He-3

50-Sn-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

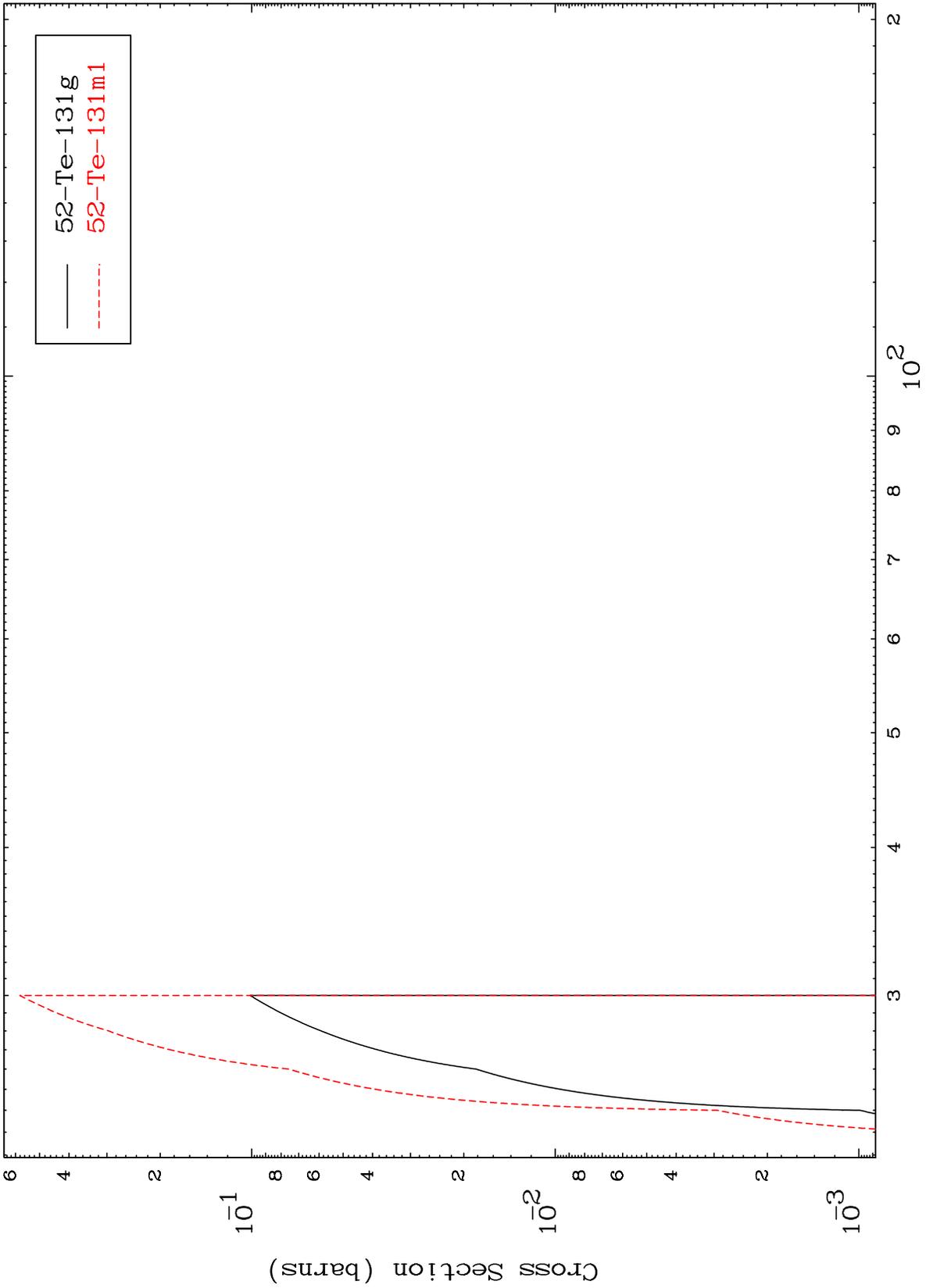
50-Sn-131

MAT 5082

($\alpha, 4n$)

50-Sn-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

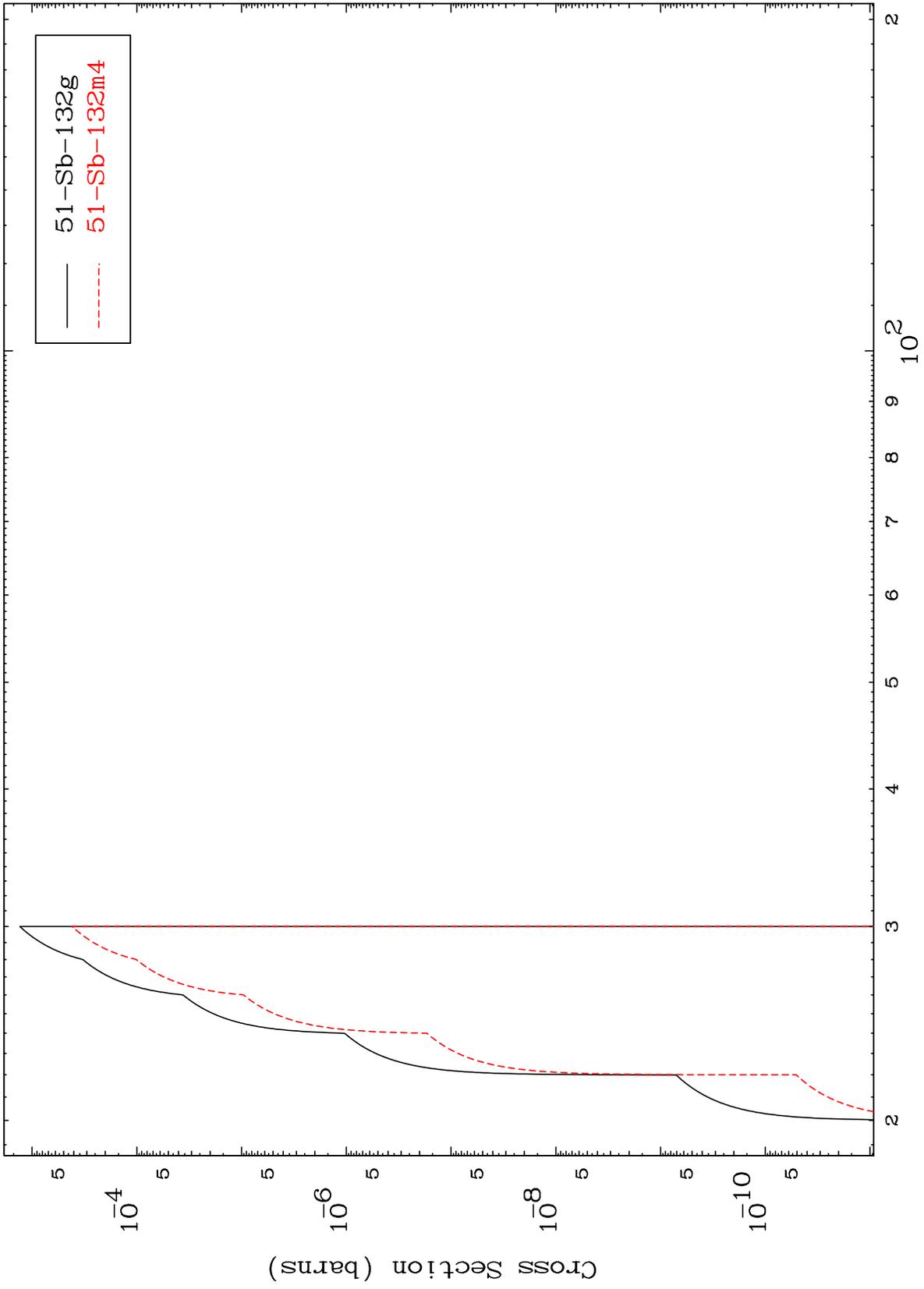
50-Sn-131

MAT 5082

($\alpha, 2n$) p

50-Sn-131

Radionuclide Production Cross Section



19

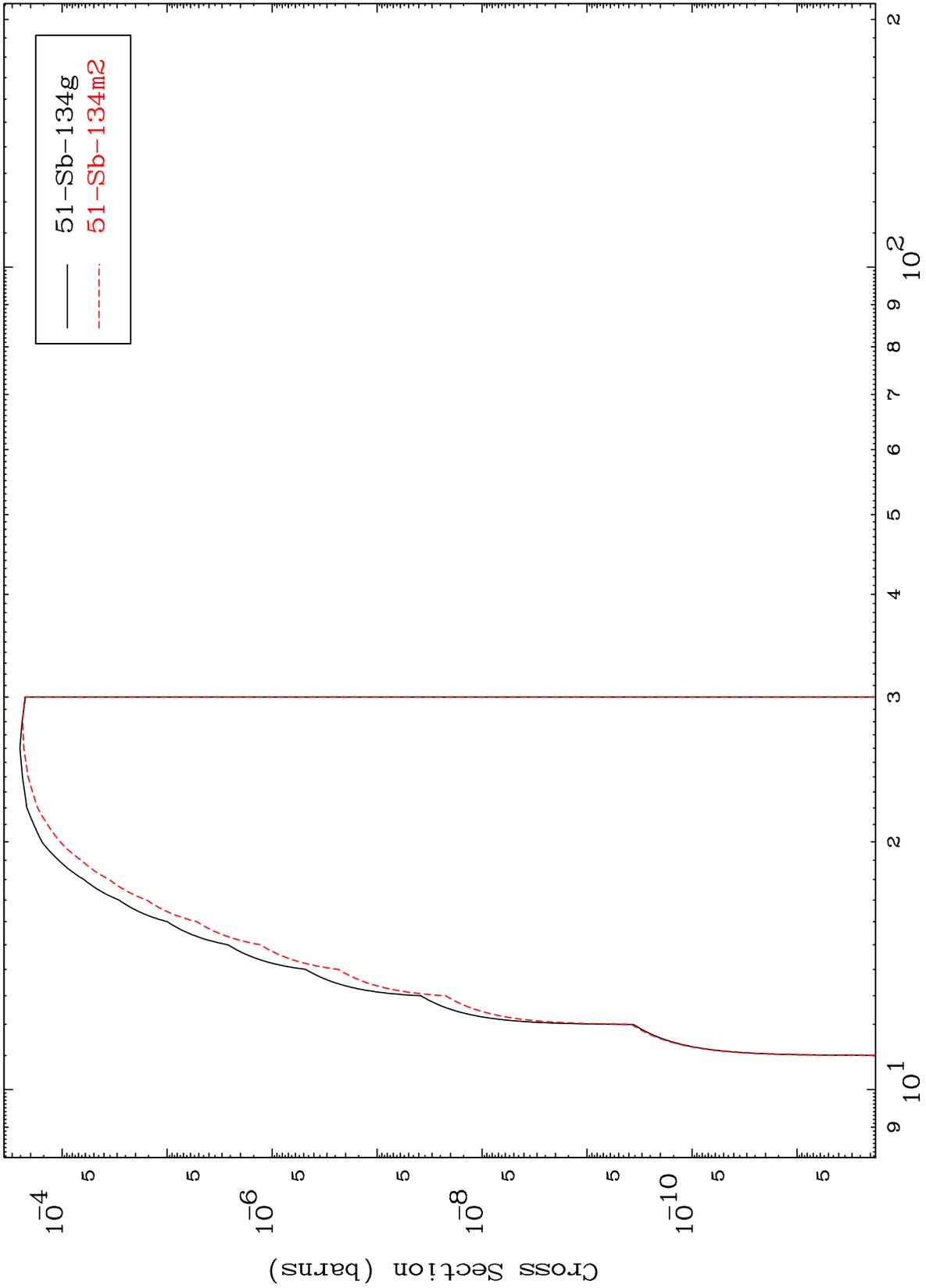
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(α, p)
Radionuclide Production Cross Section



20

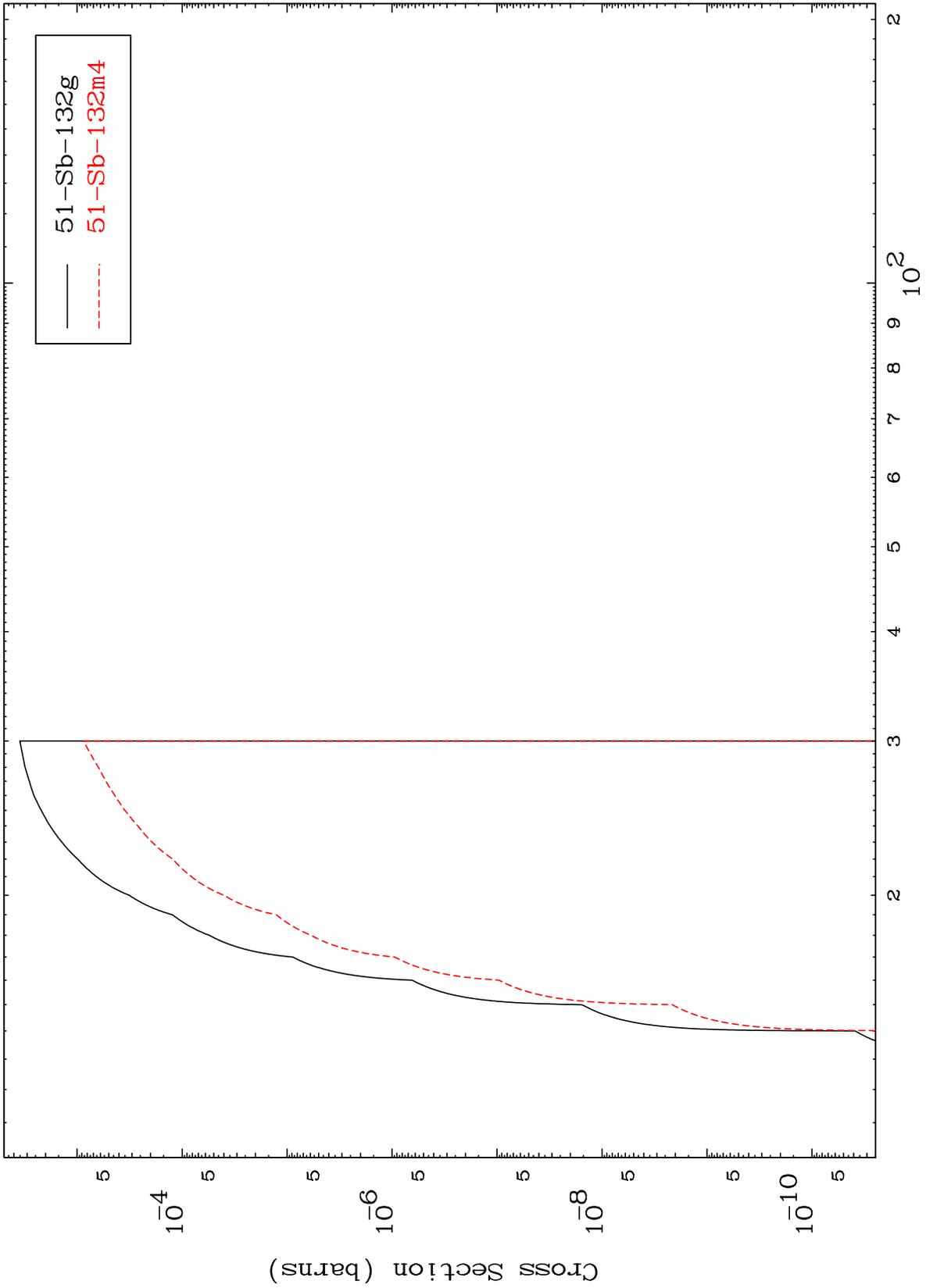
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(α, t)
Radionuclide Production Cross Section



21

50-Sn-131

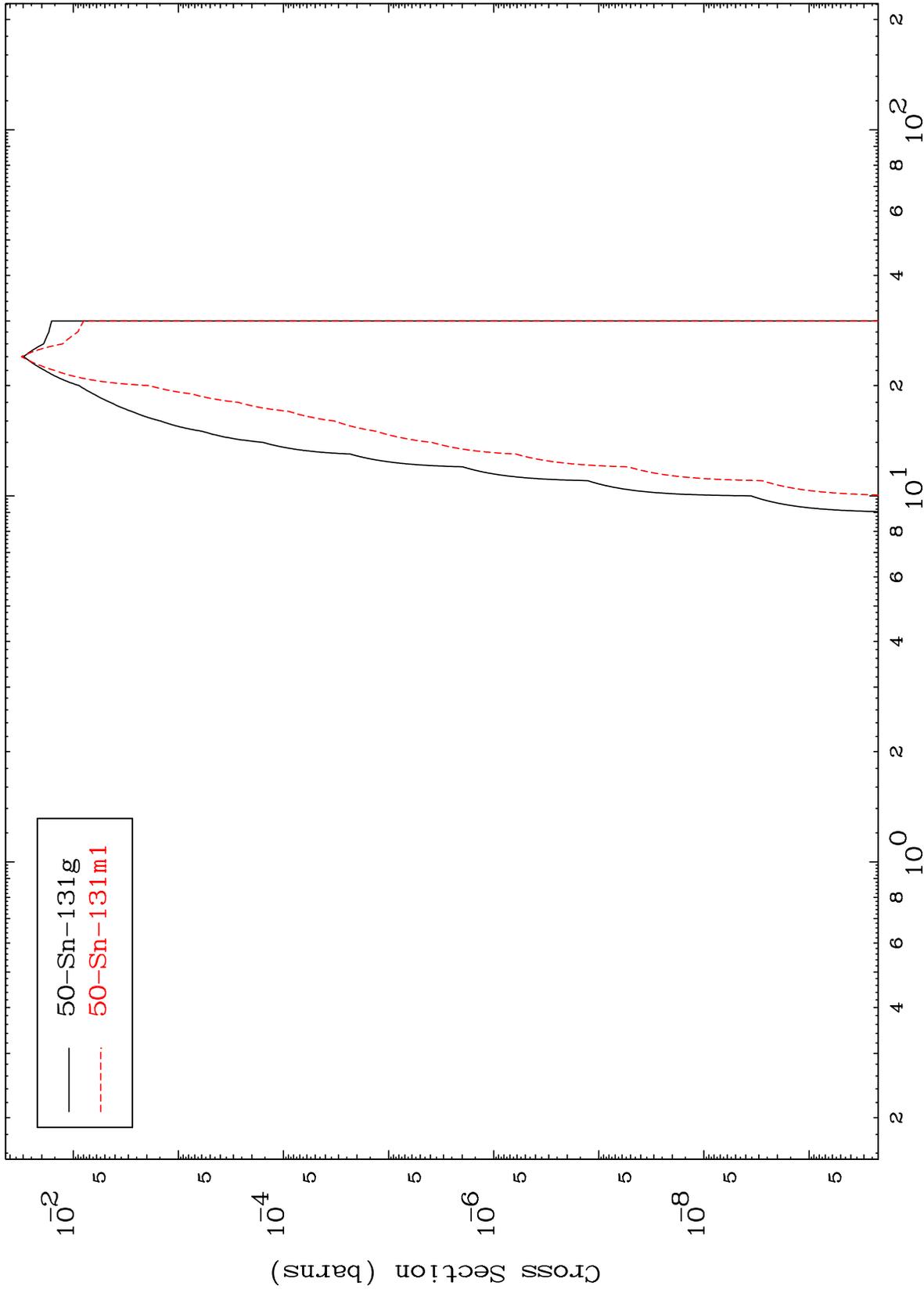
Incident Energy (MeV)

MAT 5082

(α, α)

50-Sn-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-131