

Program EVALPLOT
(Version 2021-1)

by

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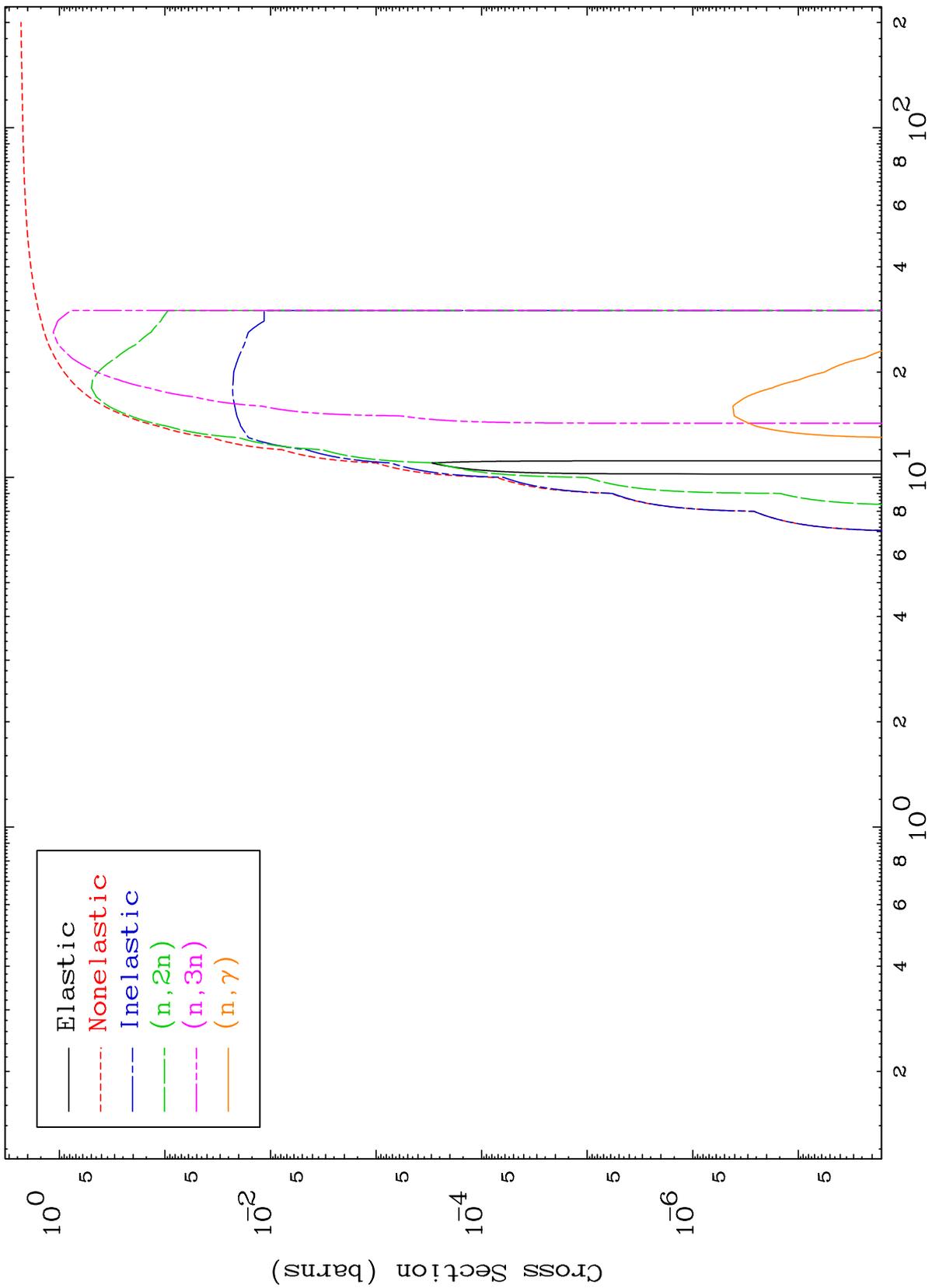
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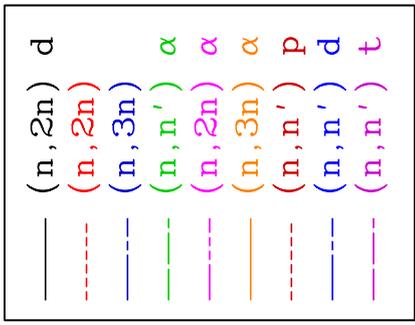
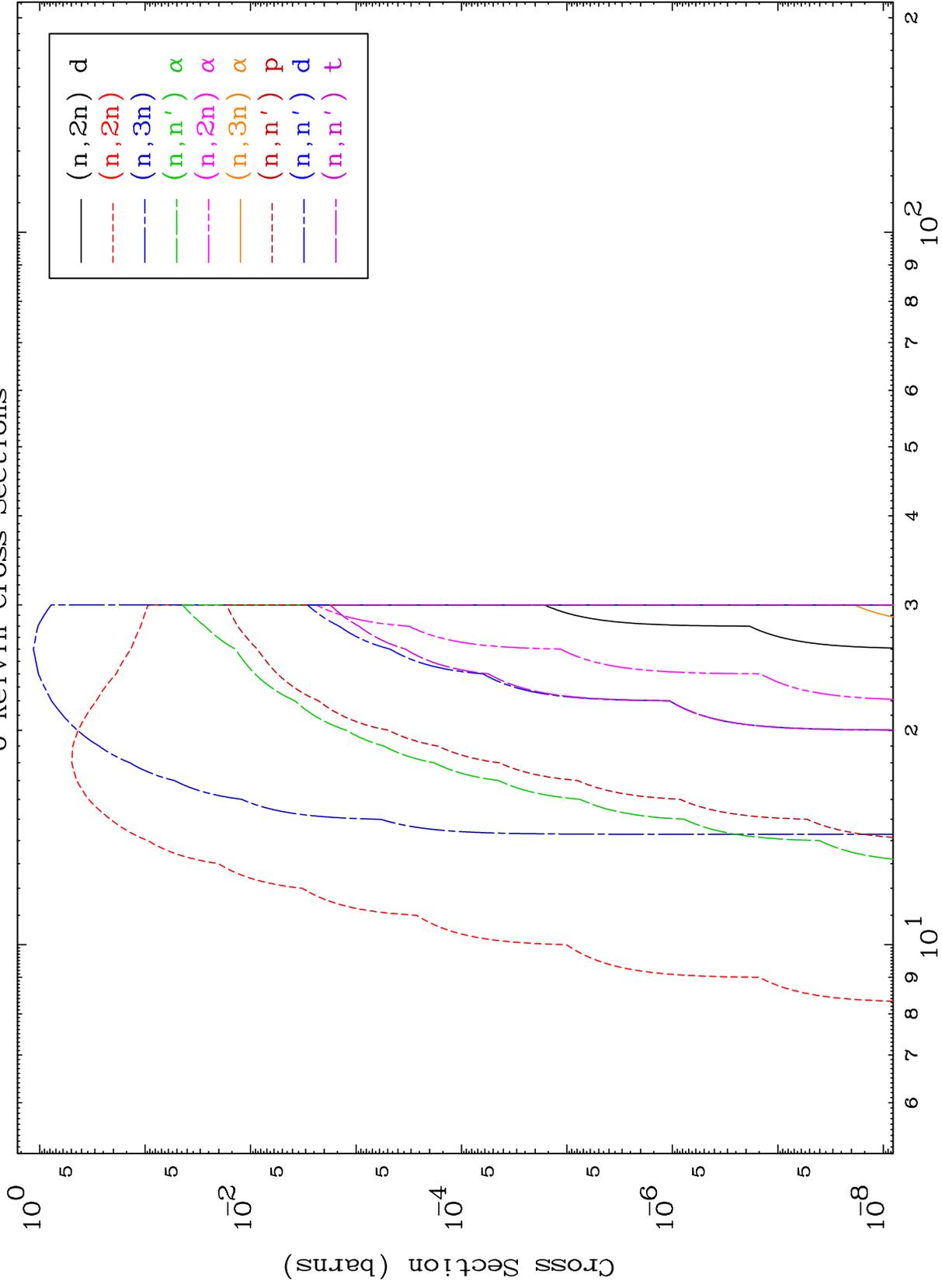
MAT 5082

α Major

50-Sn-131

0 Kelvin Cross Sections

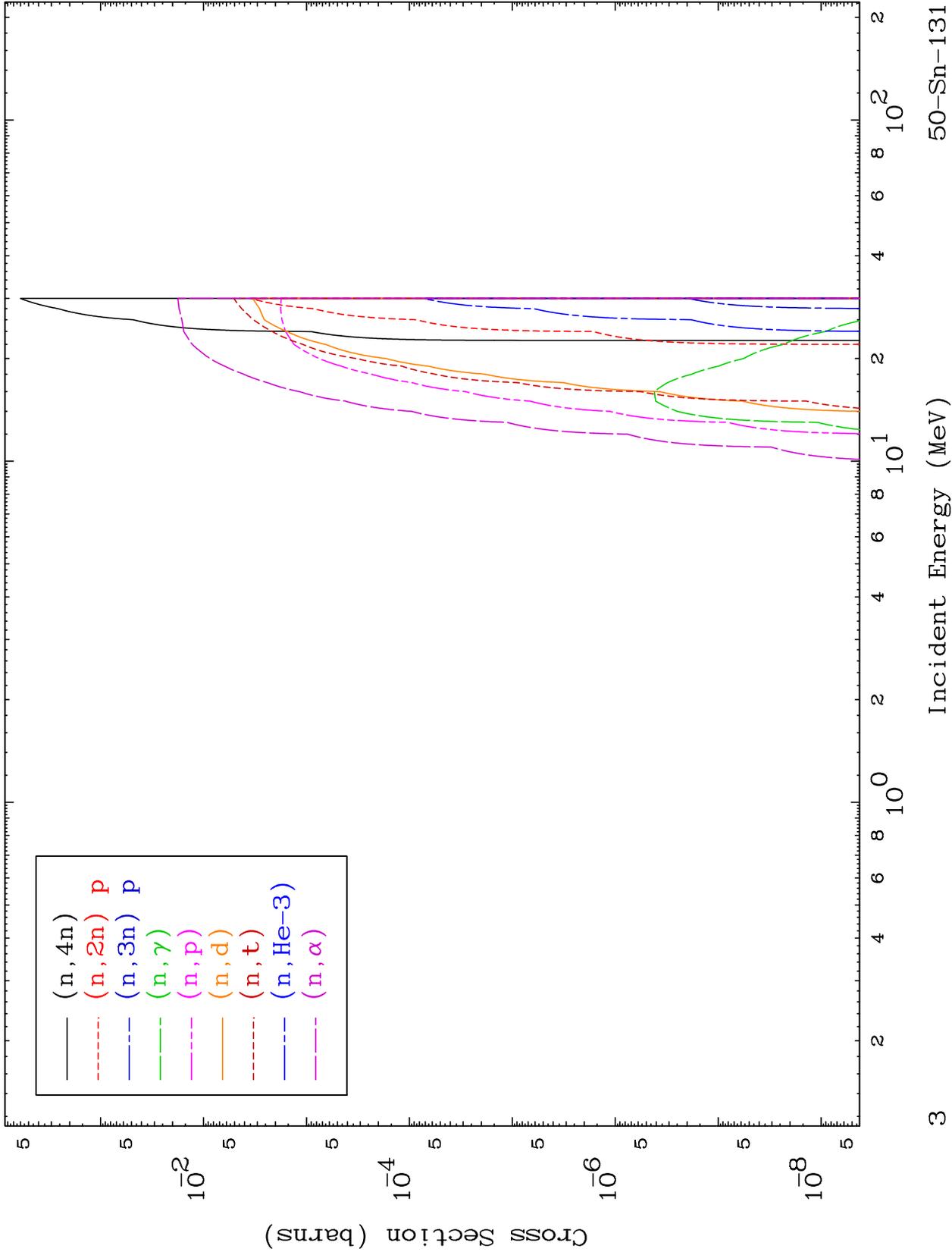




MAT 5082

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-131



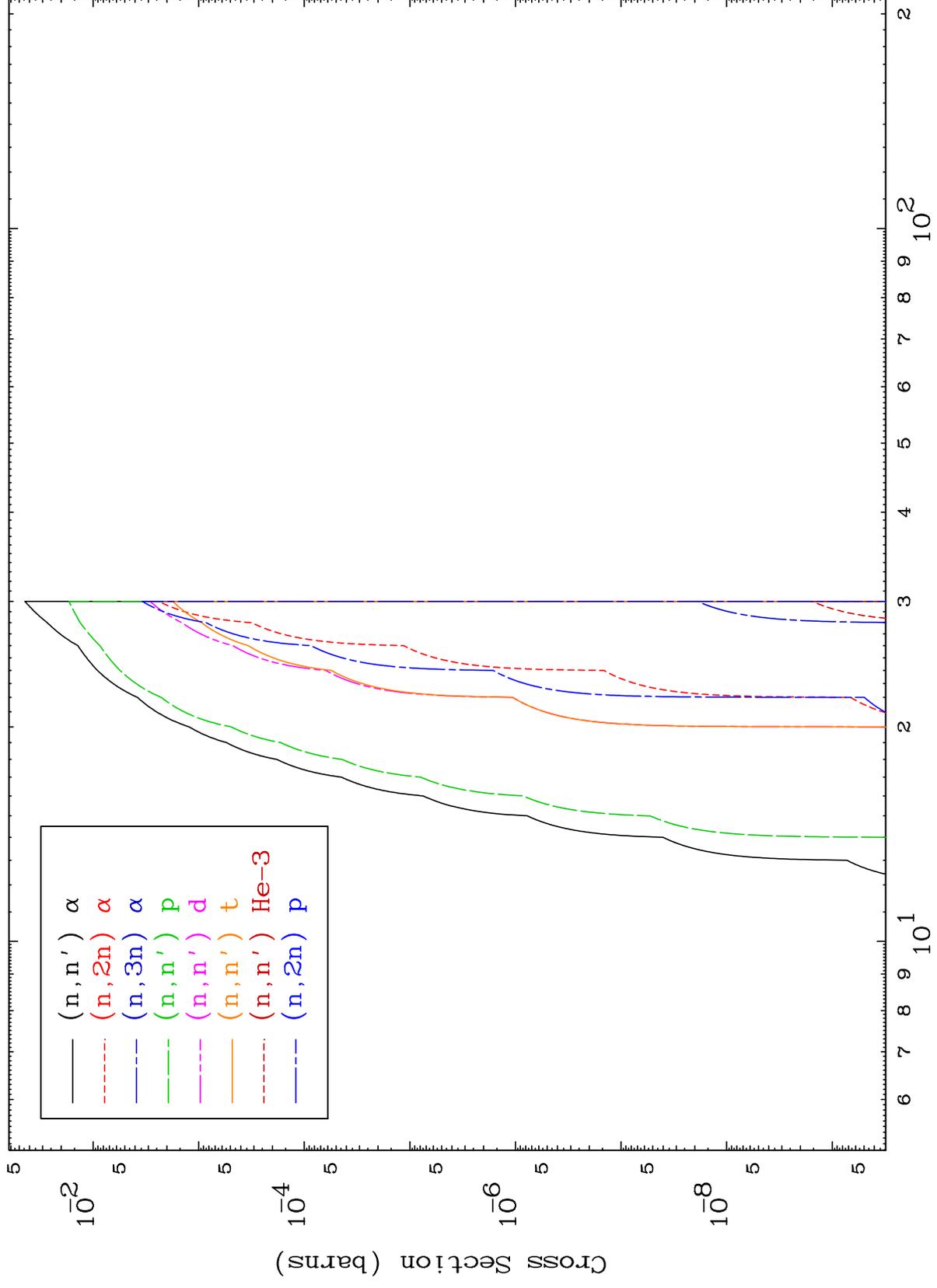
3

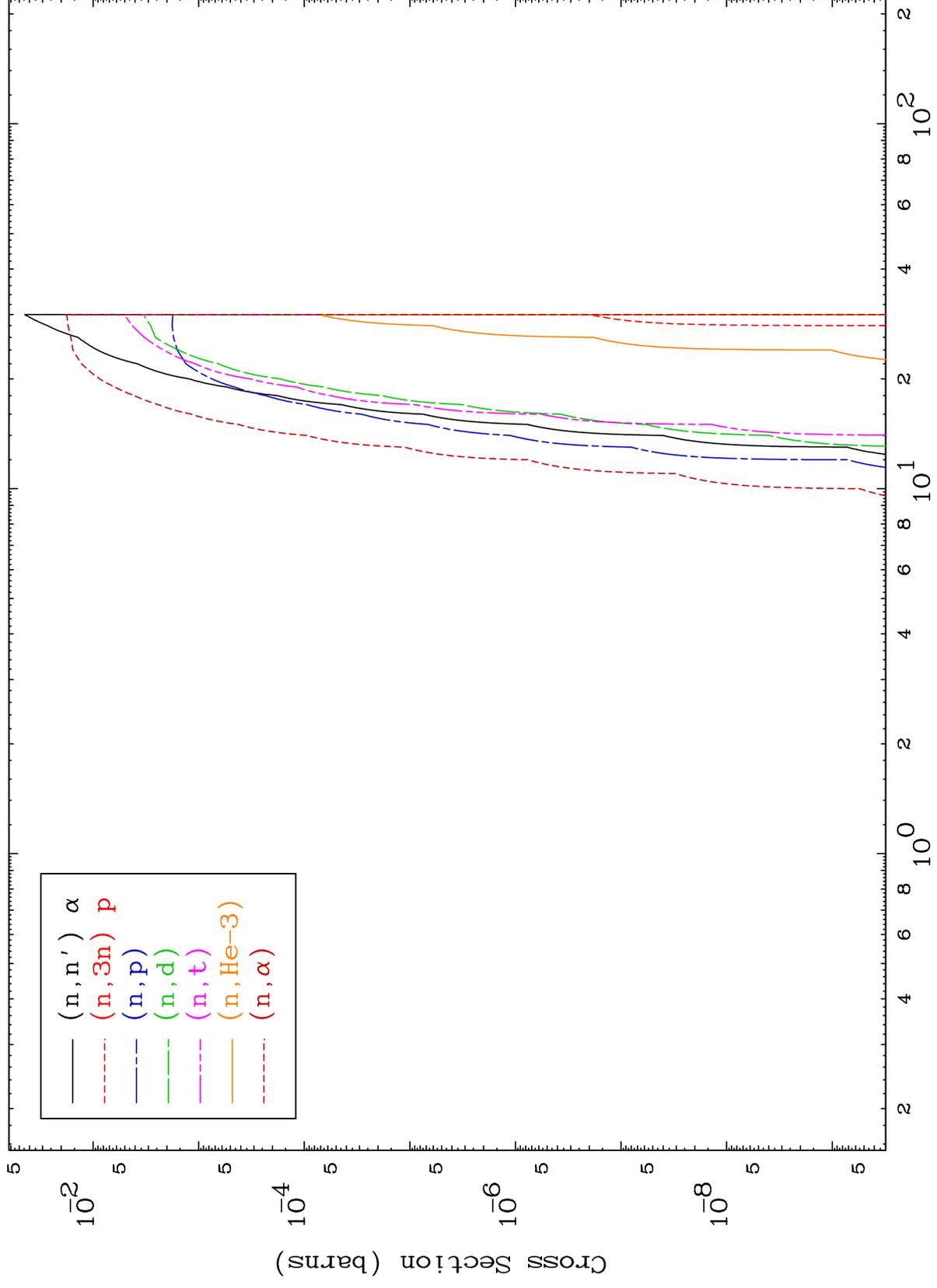
50-Sn-131

MAT 5082

α Charged Particle
0 Kelvin Cross Sections

50-Sn-131

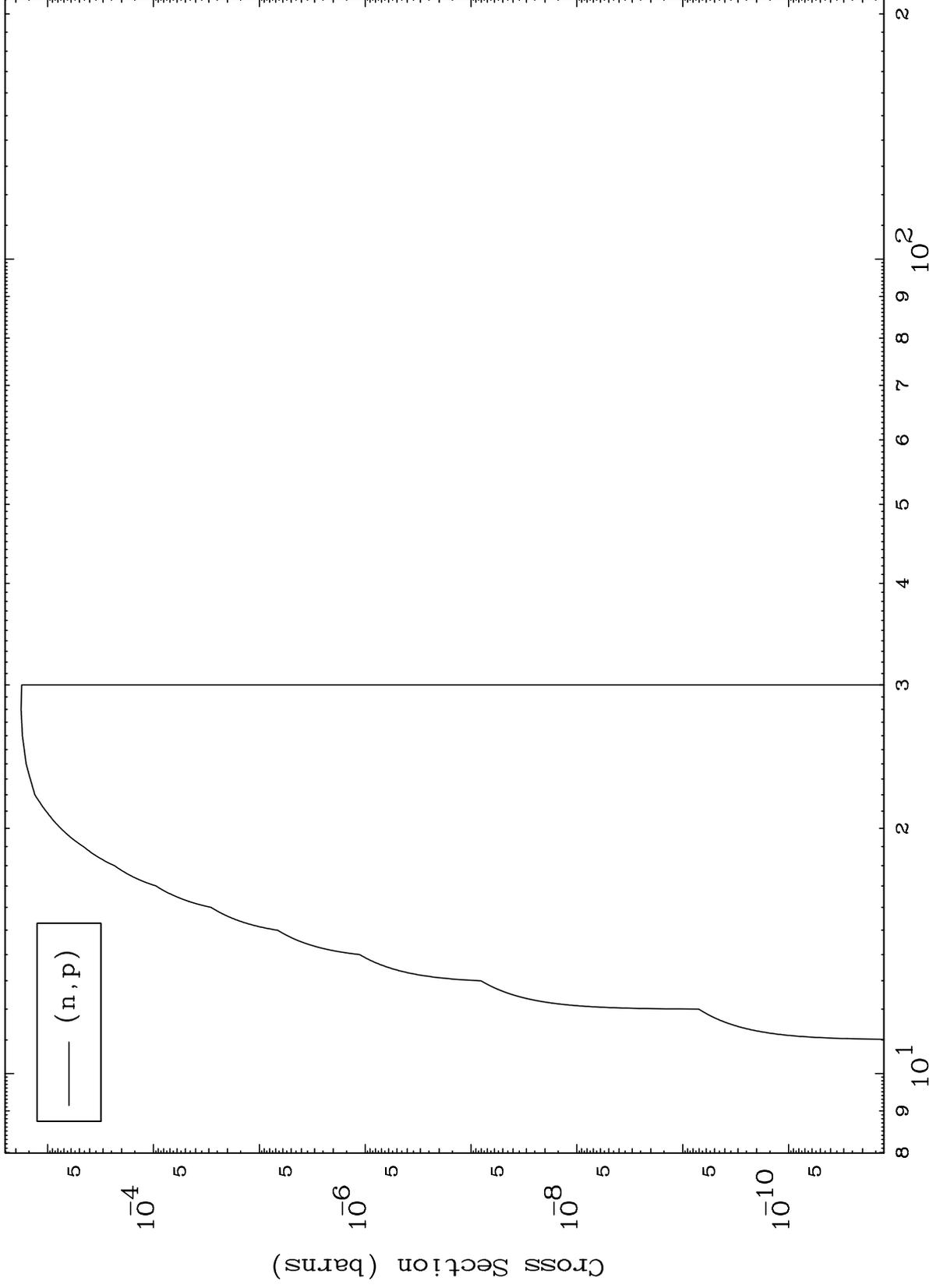




MAT 5082

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-131



6

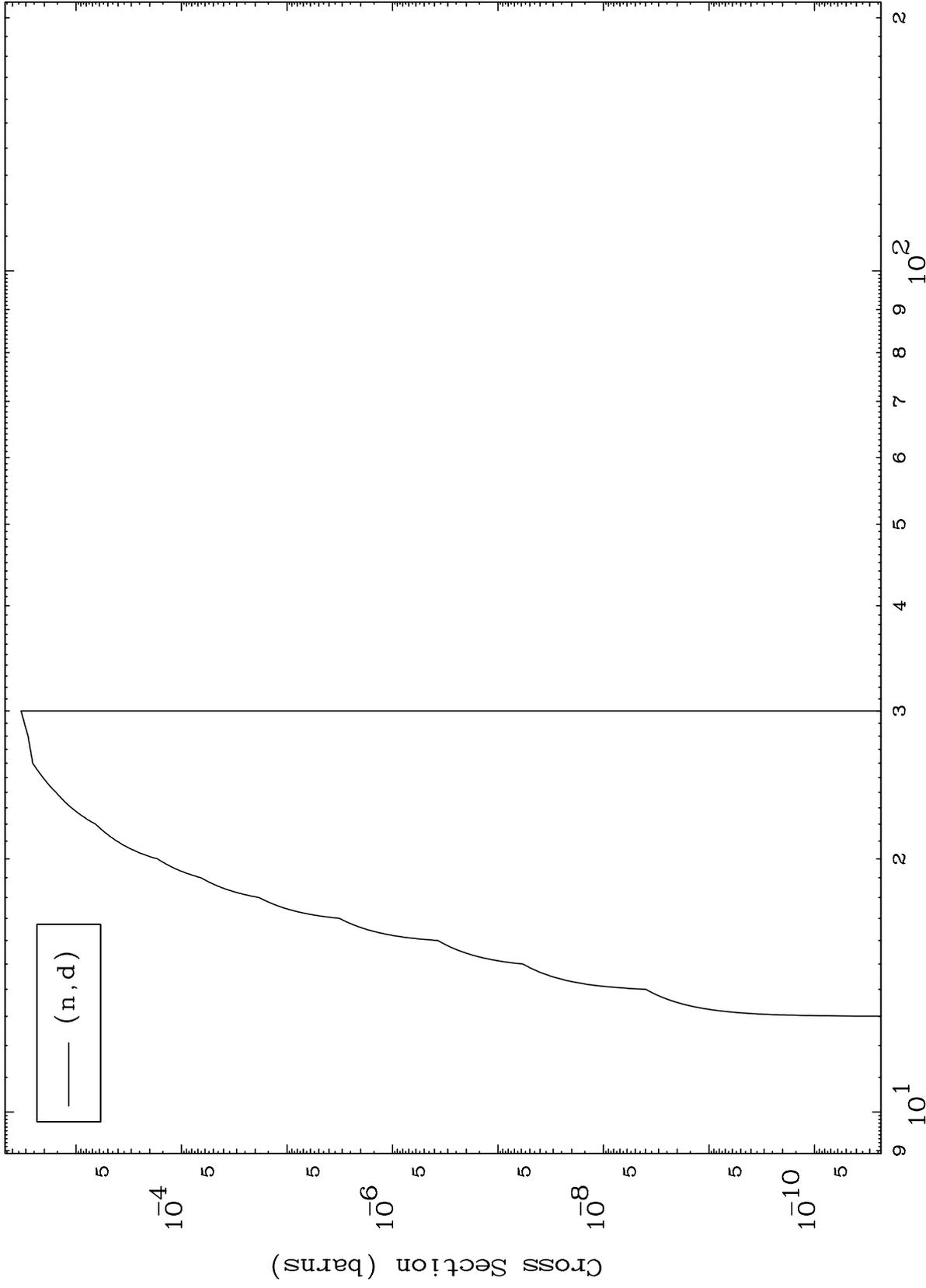
Incident Energy (MeV)

50-Sn-131

MAT 5082

(α, d) Levels
0 Kelvin Cross Sections

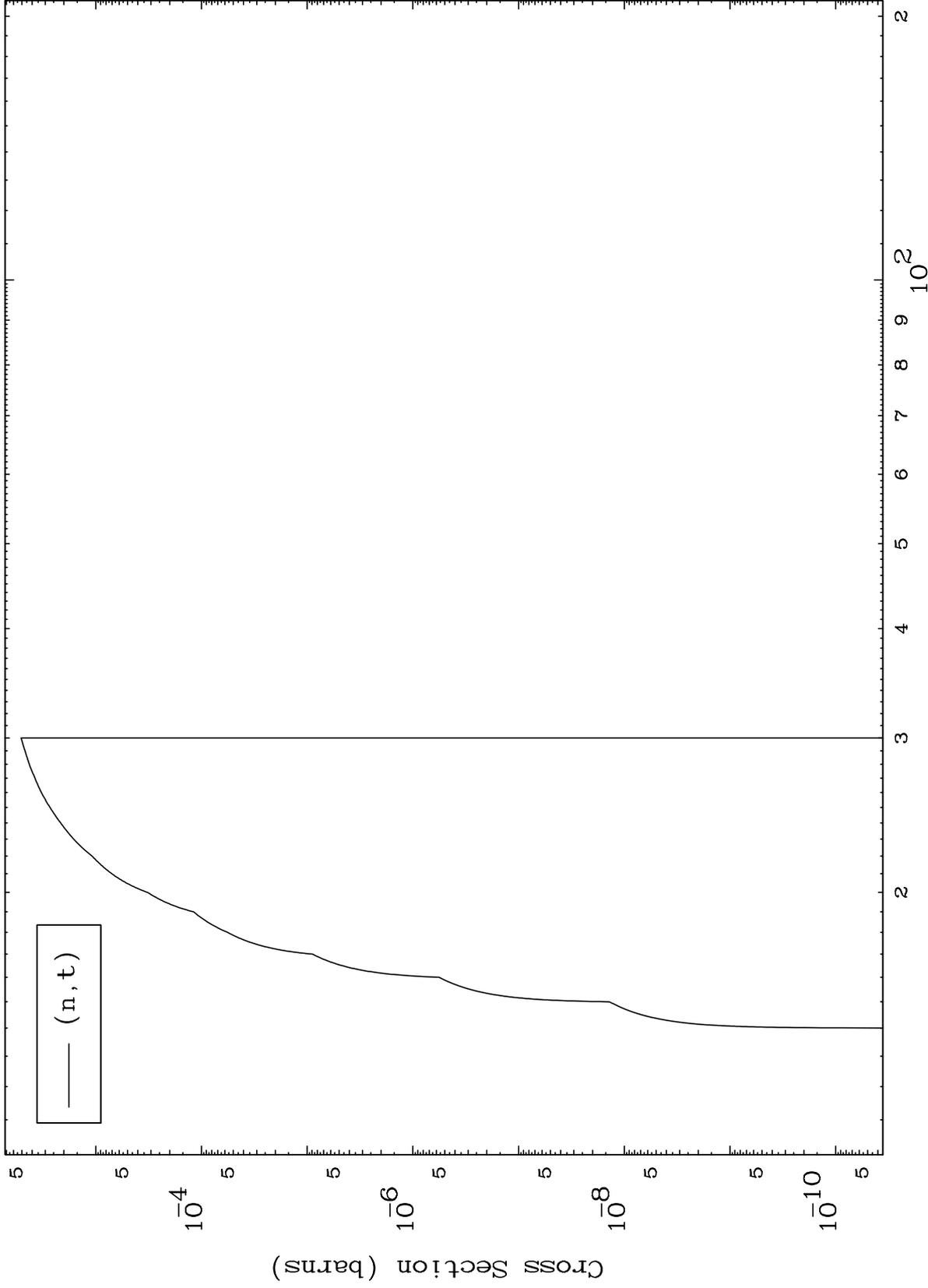
50-Sn-131



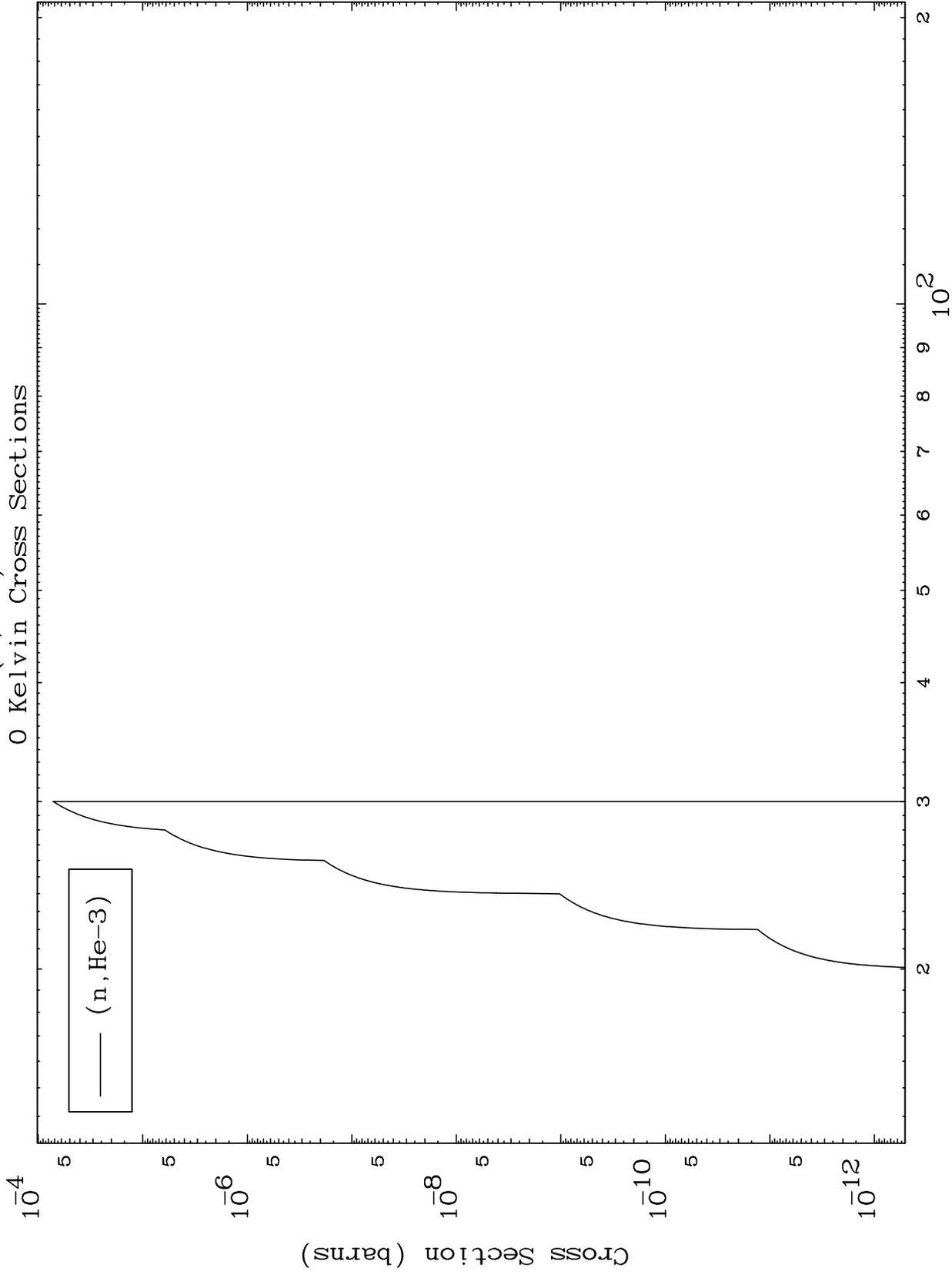
Incident Energy (MeV)

50-Sn-131

7



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

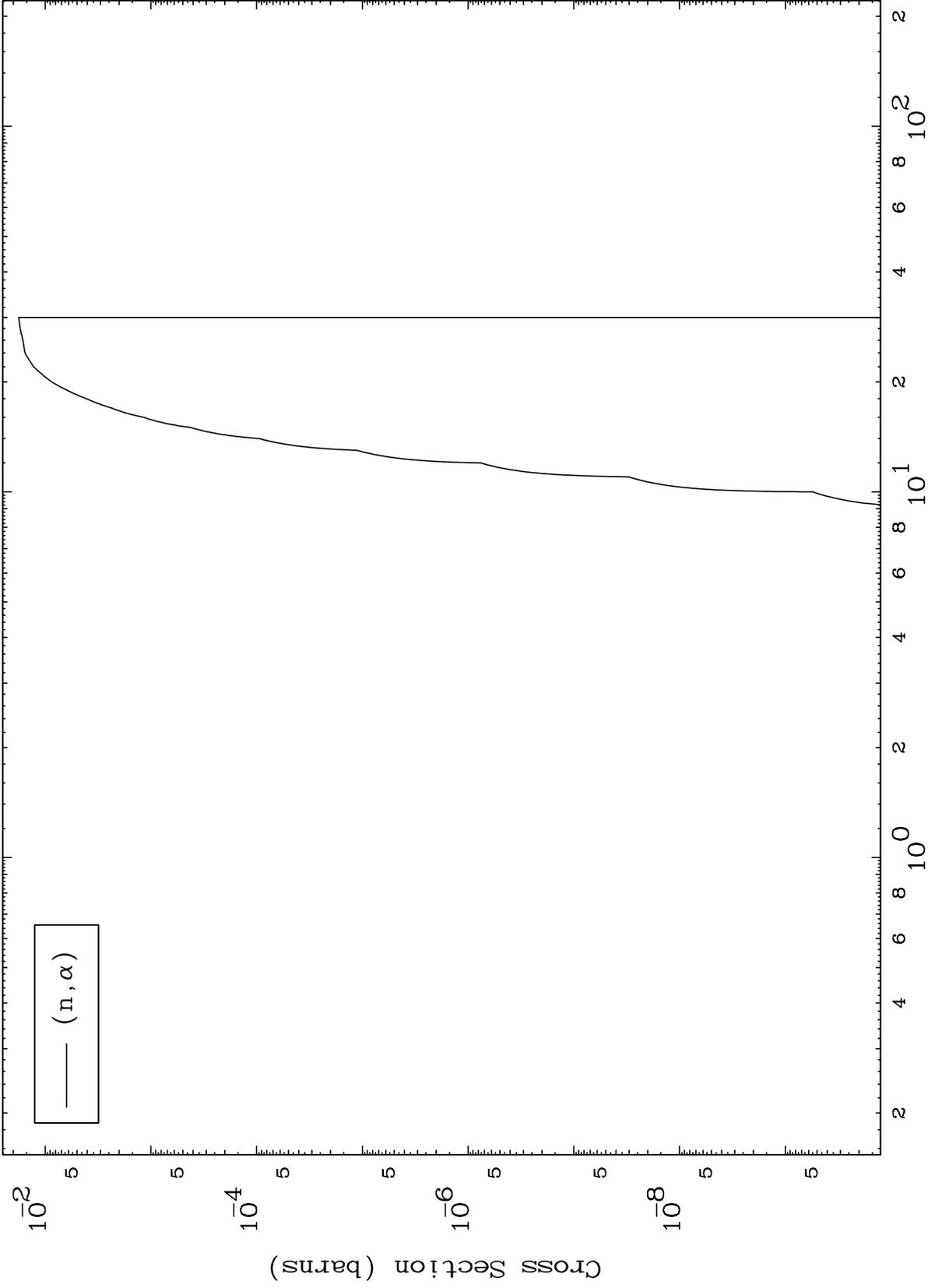


MAT 5082

(α, α) Levels

50-Sn-131

0 Kelvin Cross Sections



10

Incident Energy (MeV)

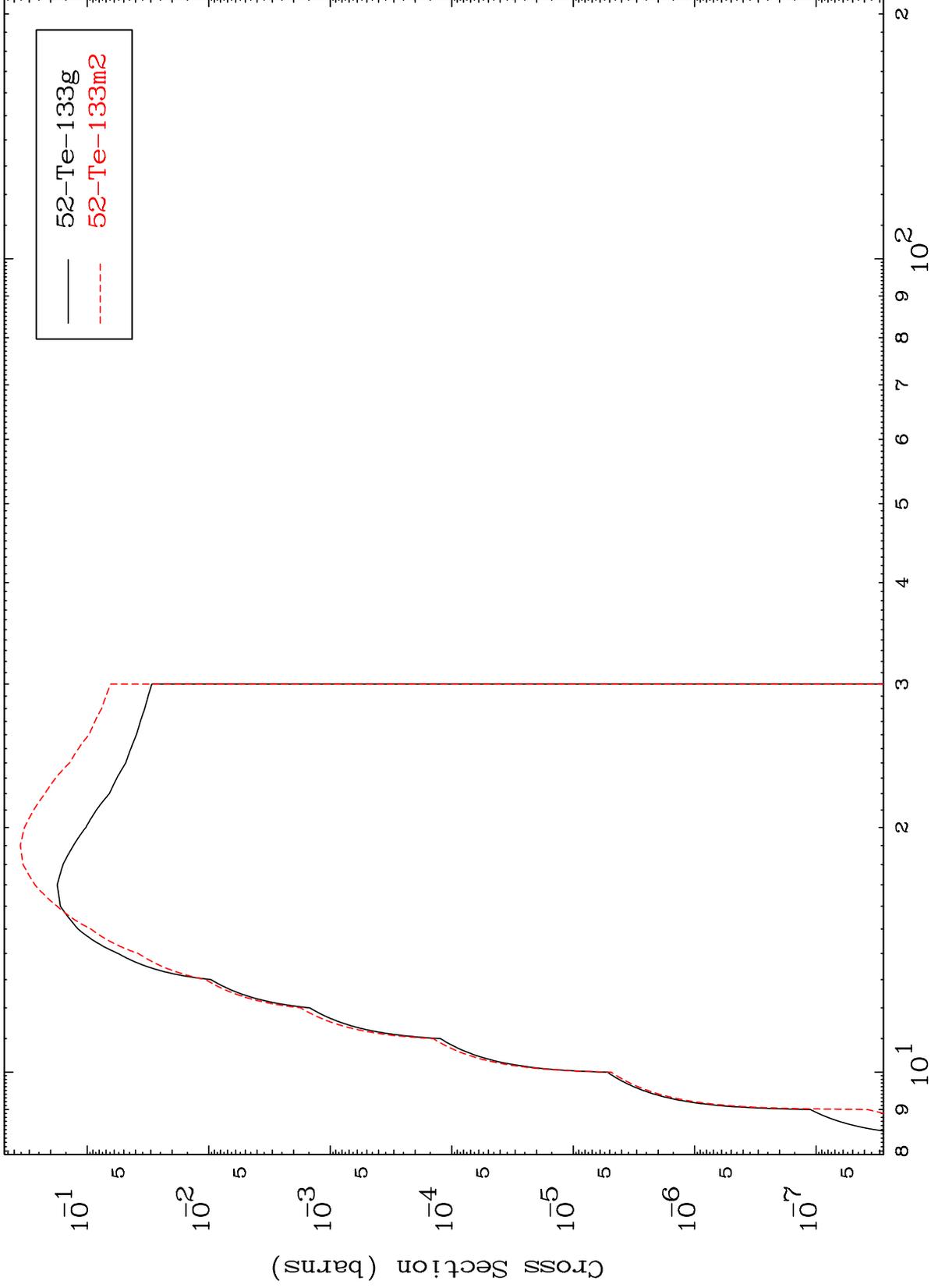
50-Sn-131

MAT 5082

(n,2n)

50-Sn-131

Radionuclide Production Cross Section



11

Incident Energy (MeV)

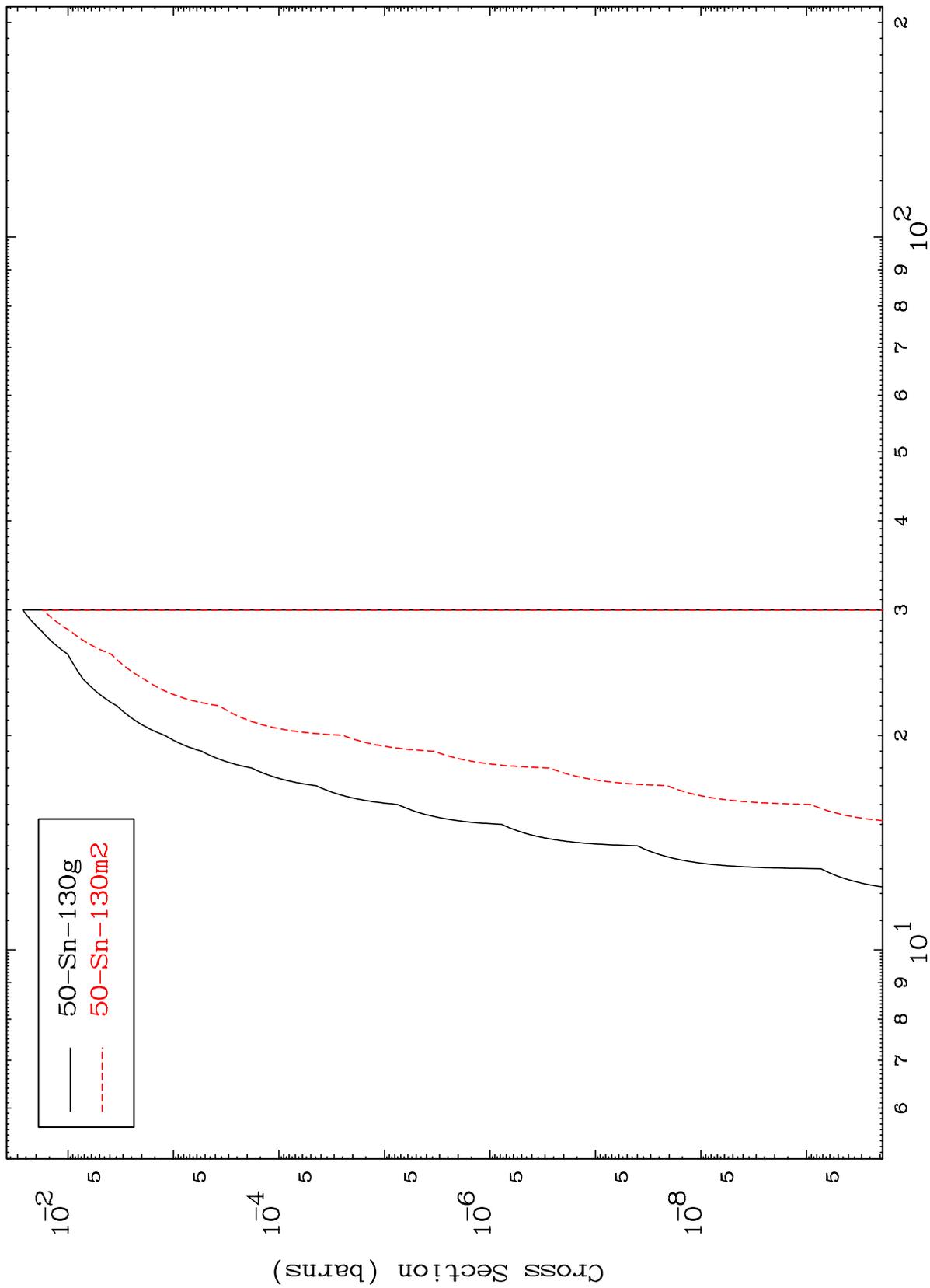
50-Sn-131

MAT 5082

50-Sn-131

(n,n') α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

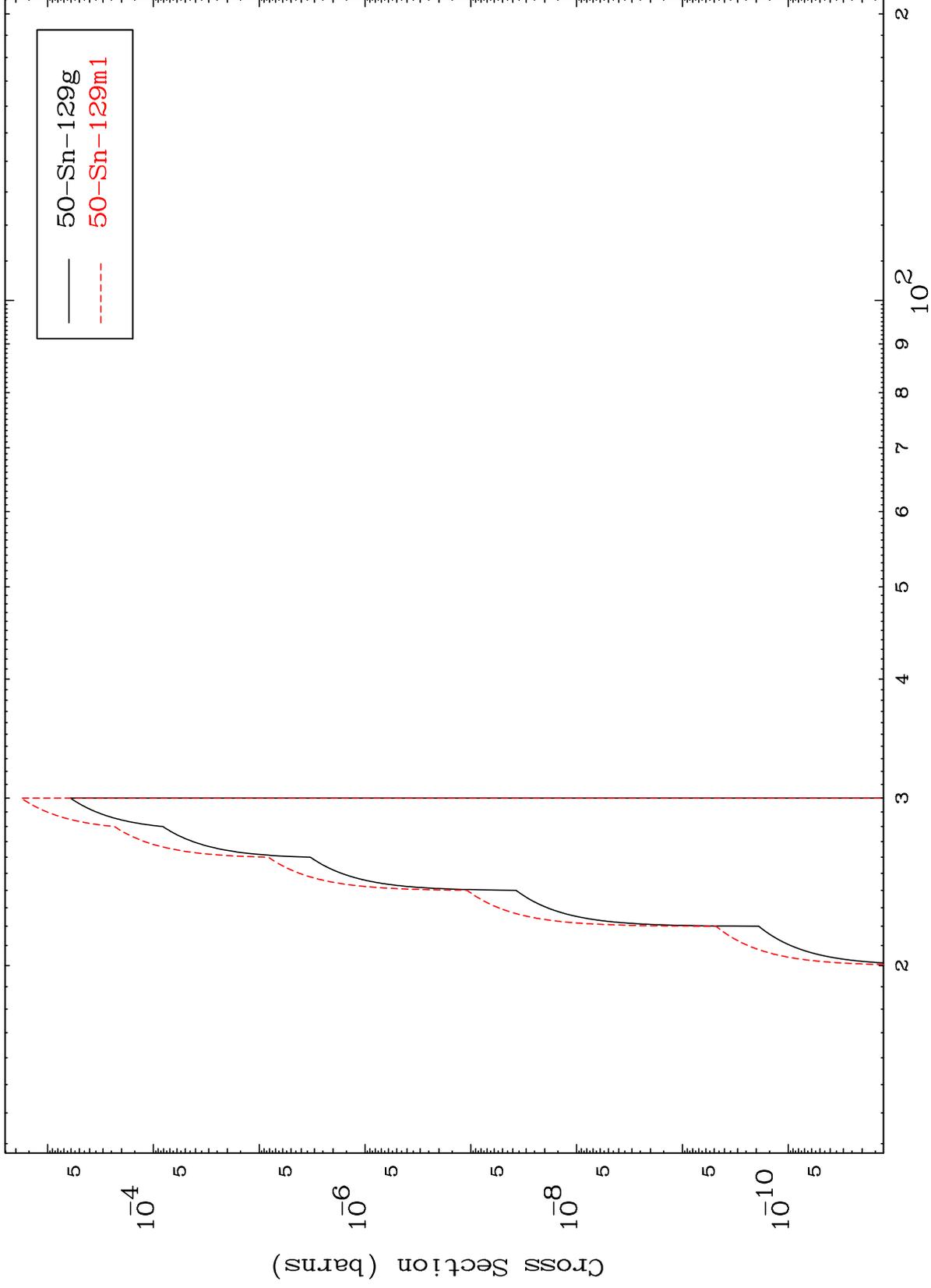
50-Sn-131

MAT 5082

$(n,2n) \alpha$

50-Sn-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

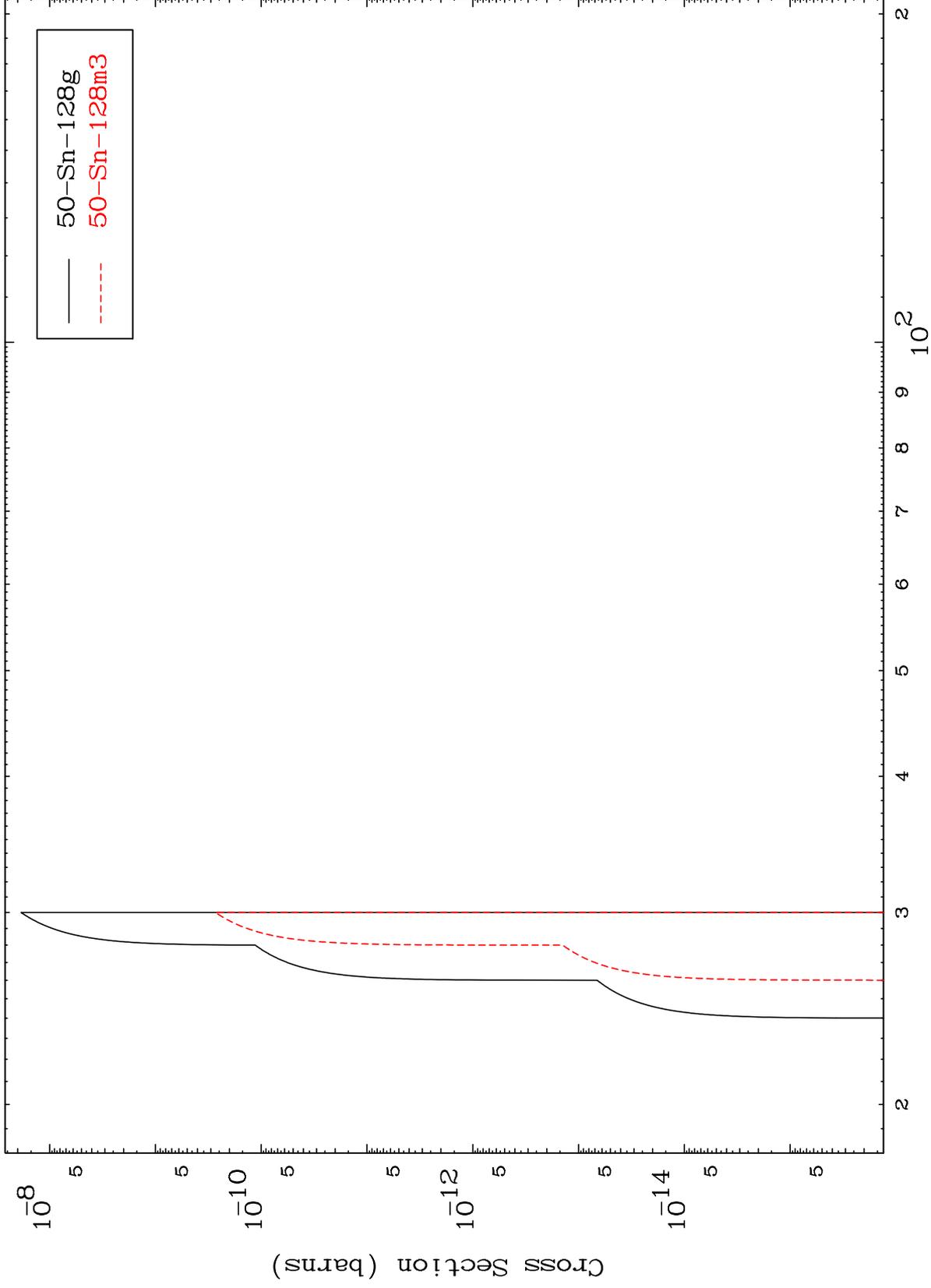
50-Sn-131

MAT 5082

(n,3n) α

50-Sn-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

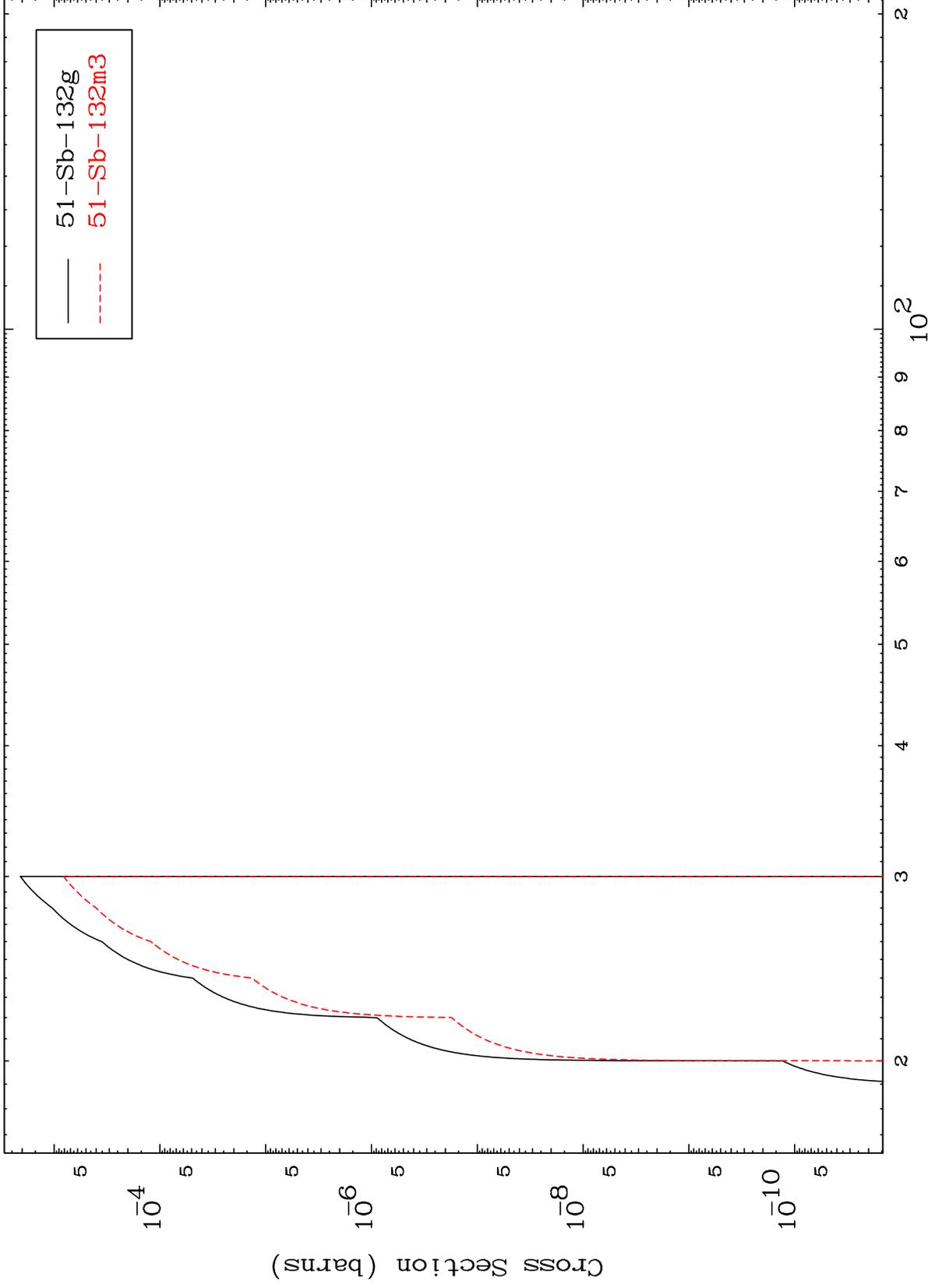
50-Sn-131

MAT 5082

(n,n') d

50-Sn-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

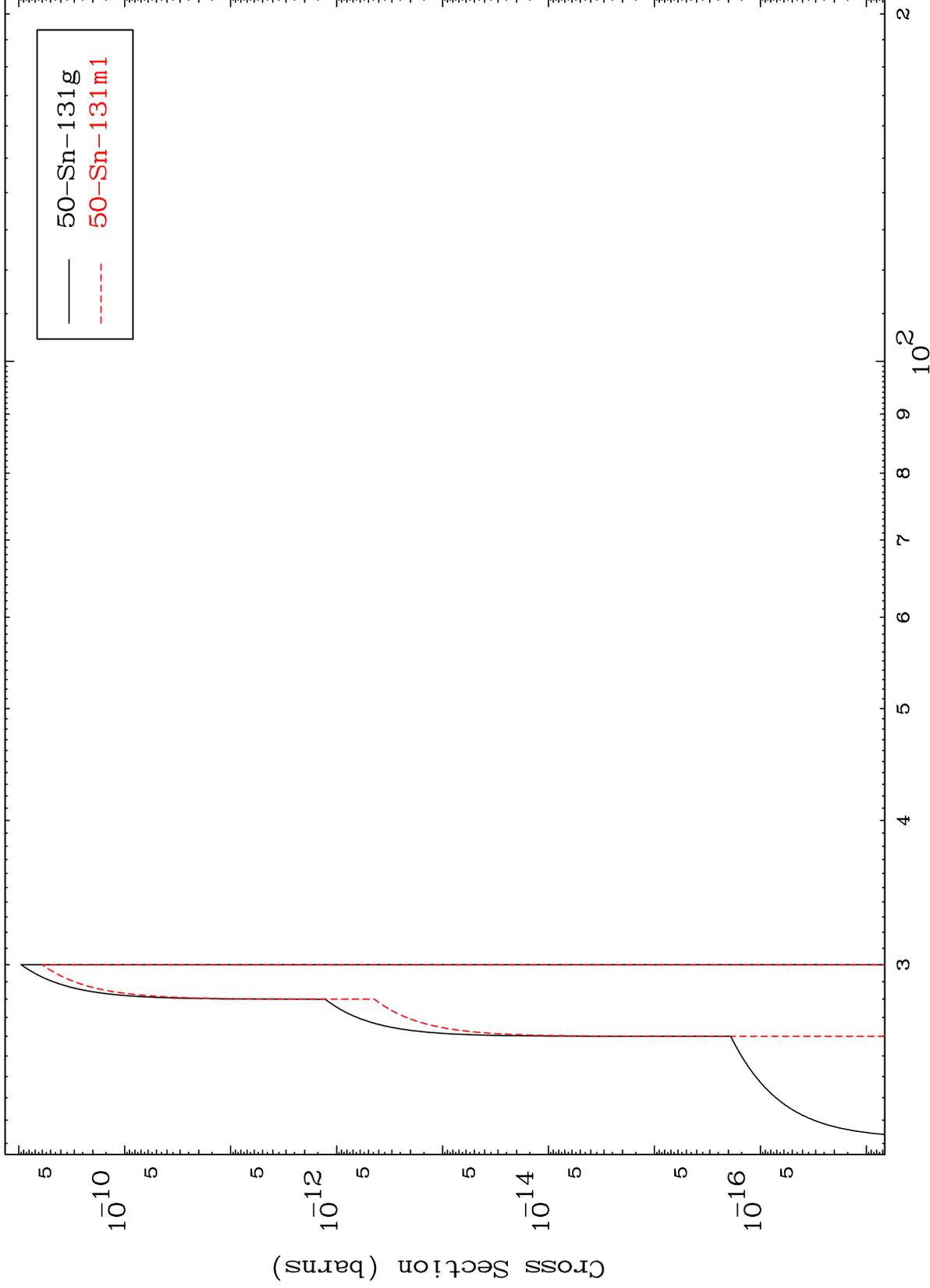
50-Sn-131

MAT 5082

(n,n') He-3

50-Sn-131

Radionuclide Production Cross Section



16

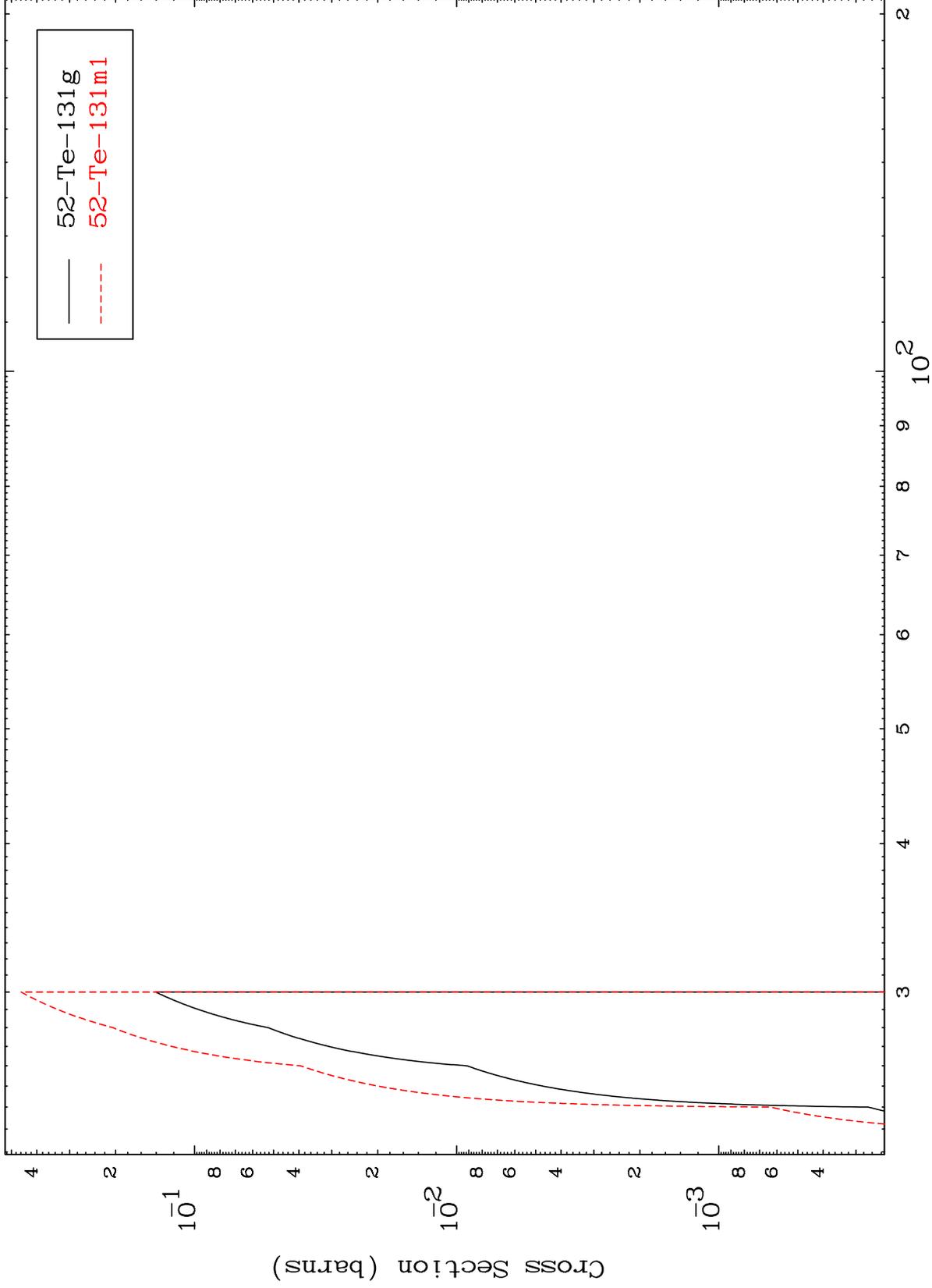
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,4n)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

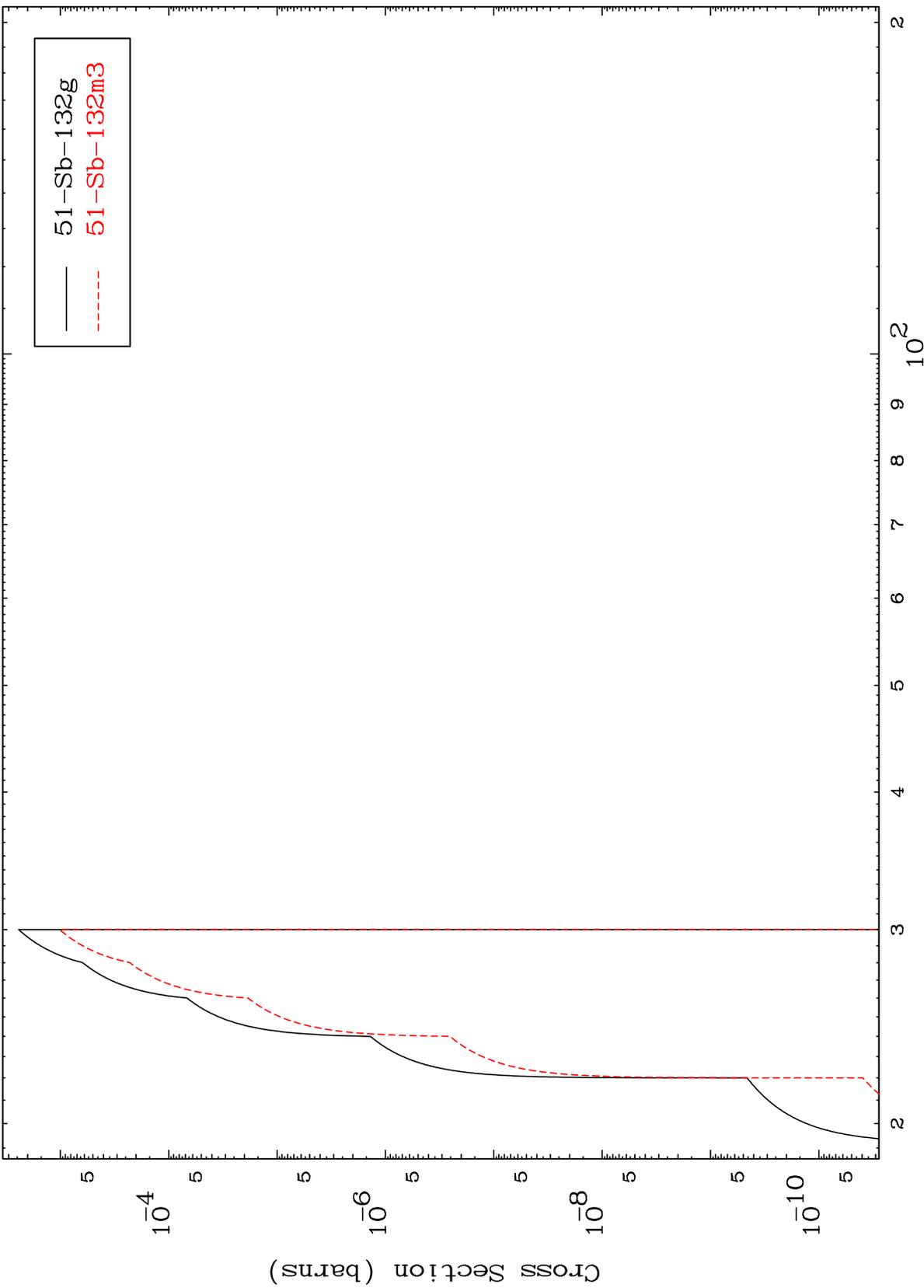
50-Sn-131

MAT 5082

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



18

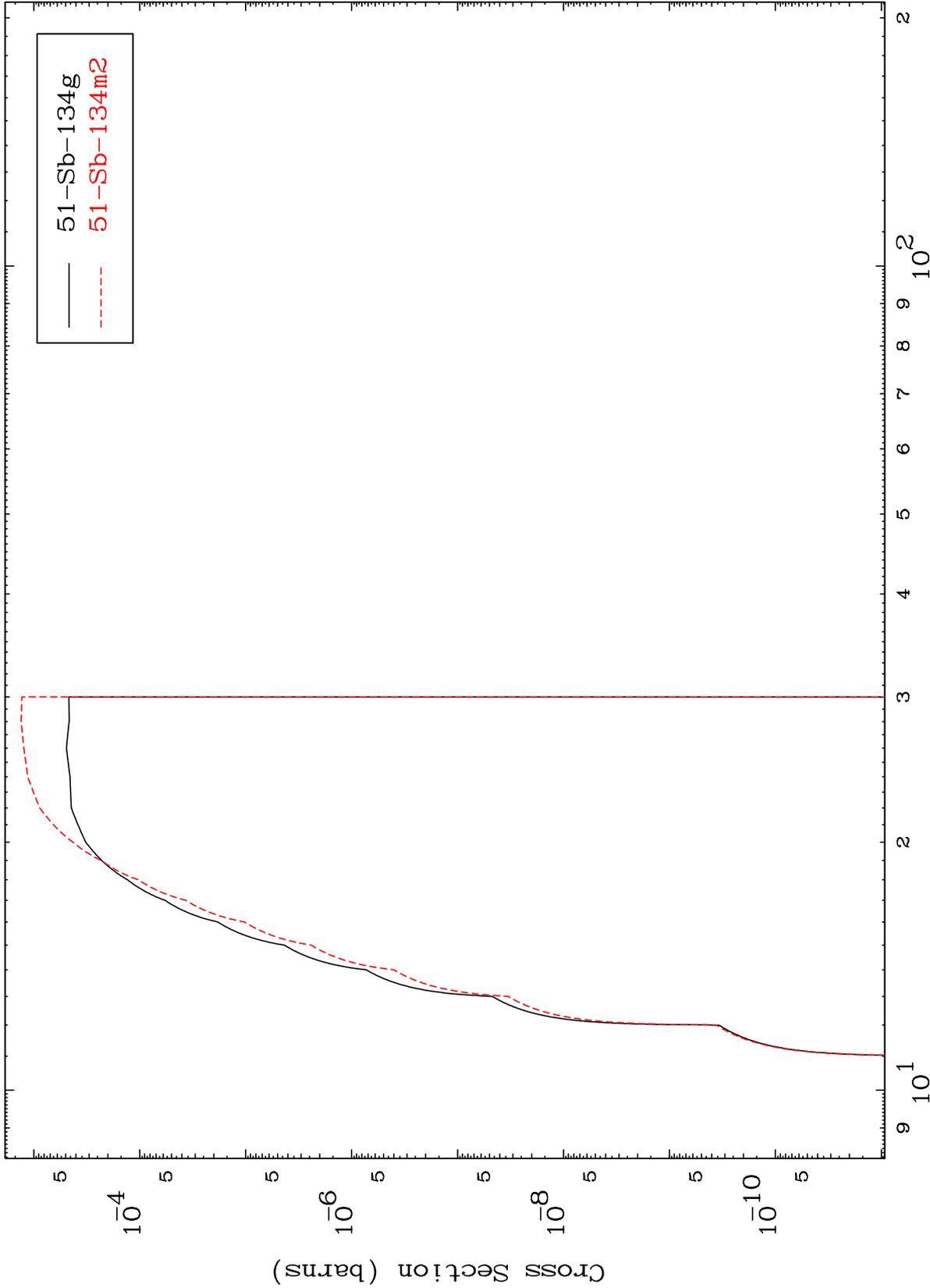
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,p)
Radionuclide Production Cross Section



50-Sn-131

Incident Energy (MeV)

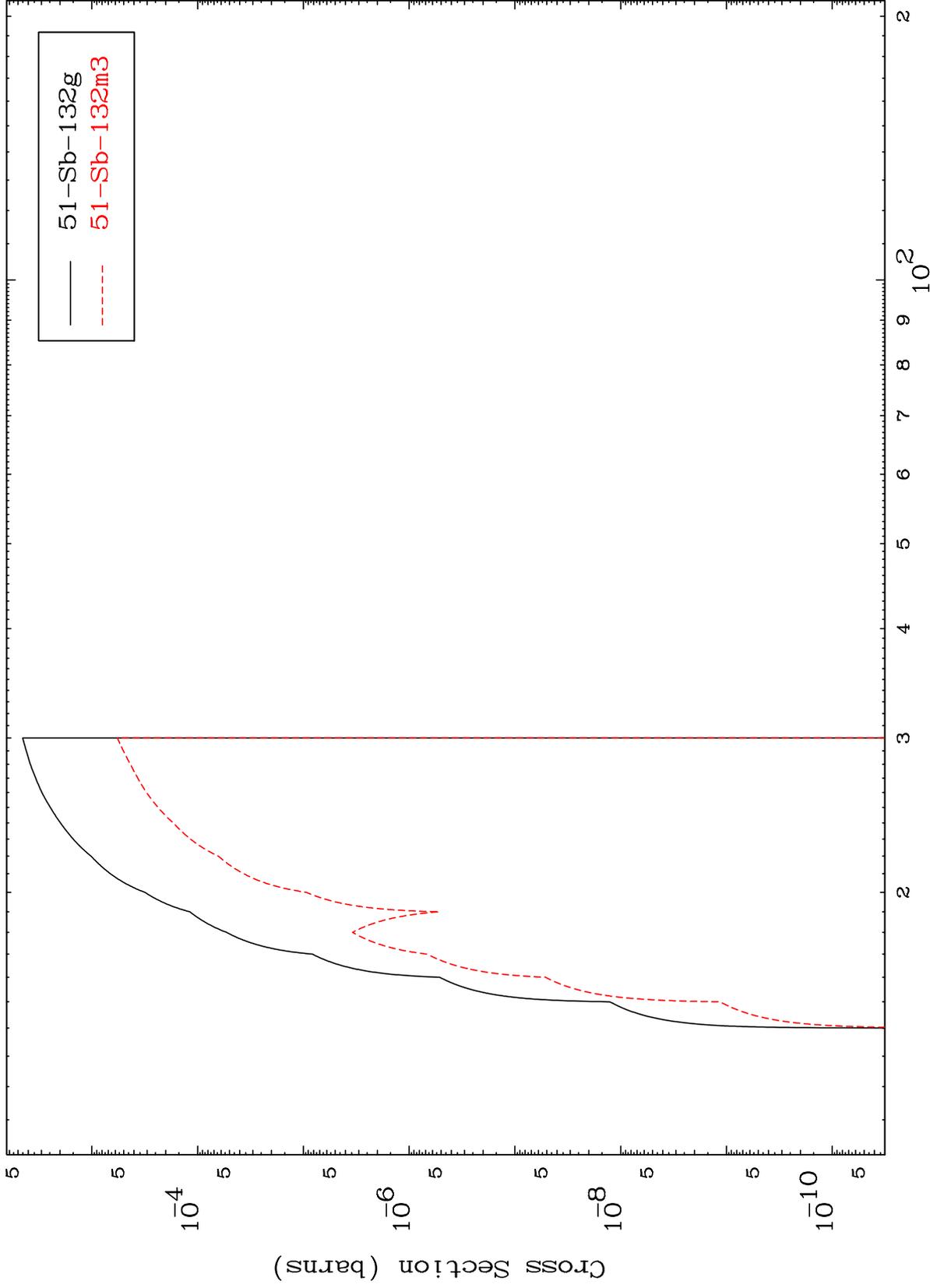
19

MAT 5082

(n, t)

50-Sn-131

Radionuclide Production Cross Section



20

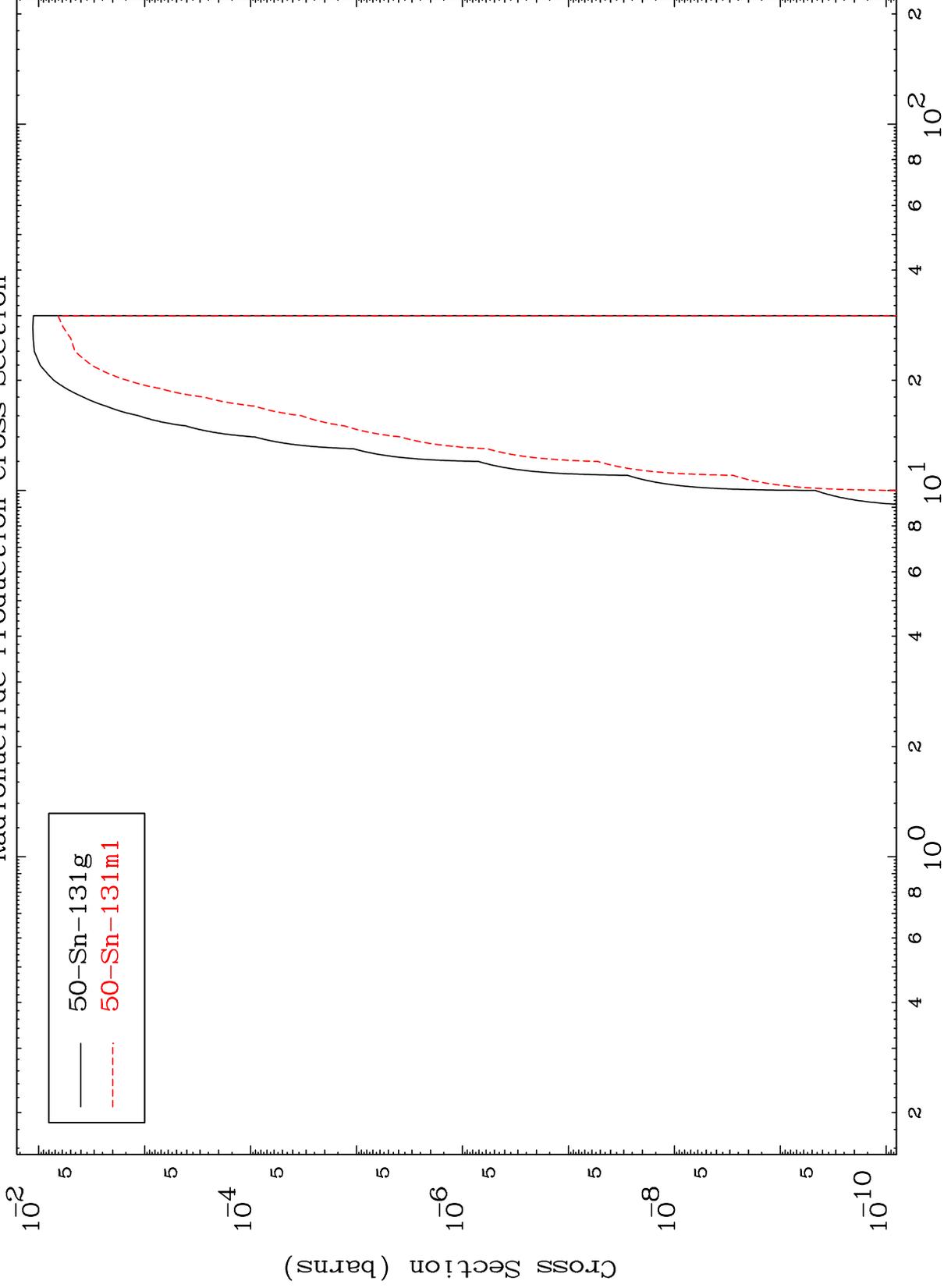
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-131

21