

Program EVALPLOT
(Version 2018-1)

by

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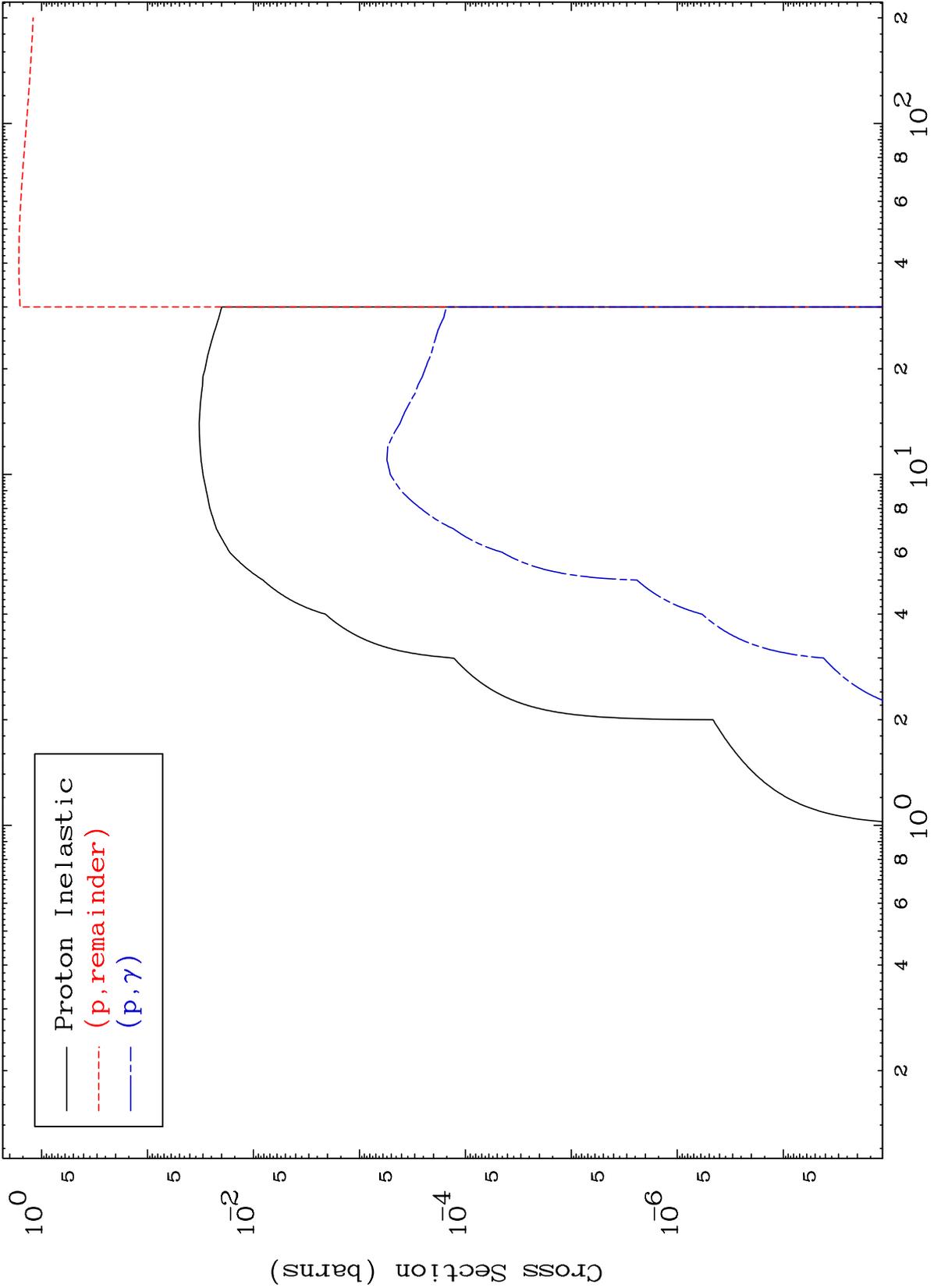
Press Mouse Button to Start

MAT 5080

Proton Major

50-Sn-130

0 Kelvin Cross Sections

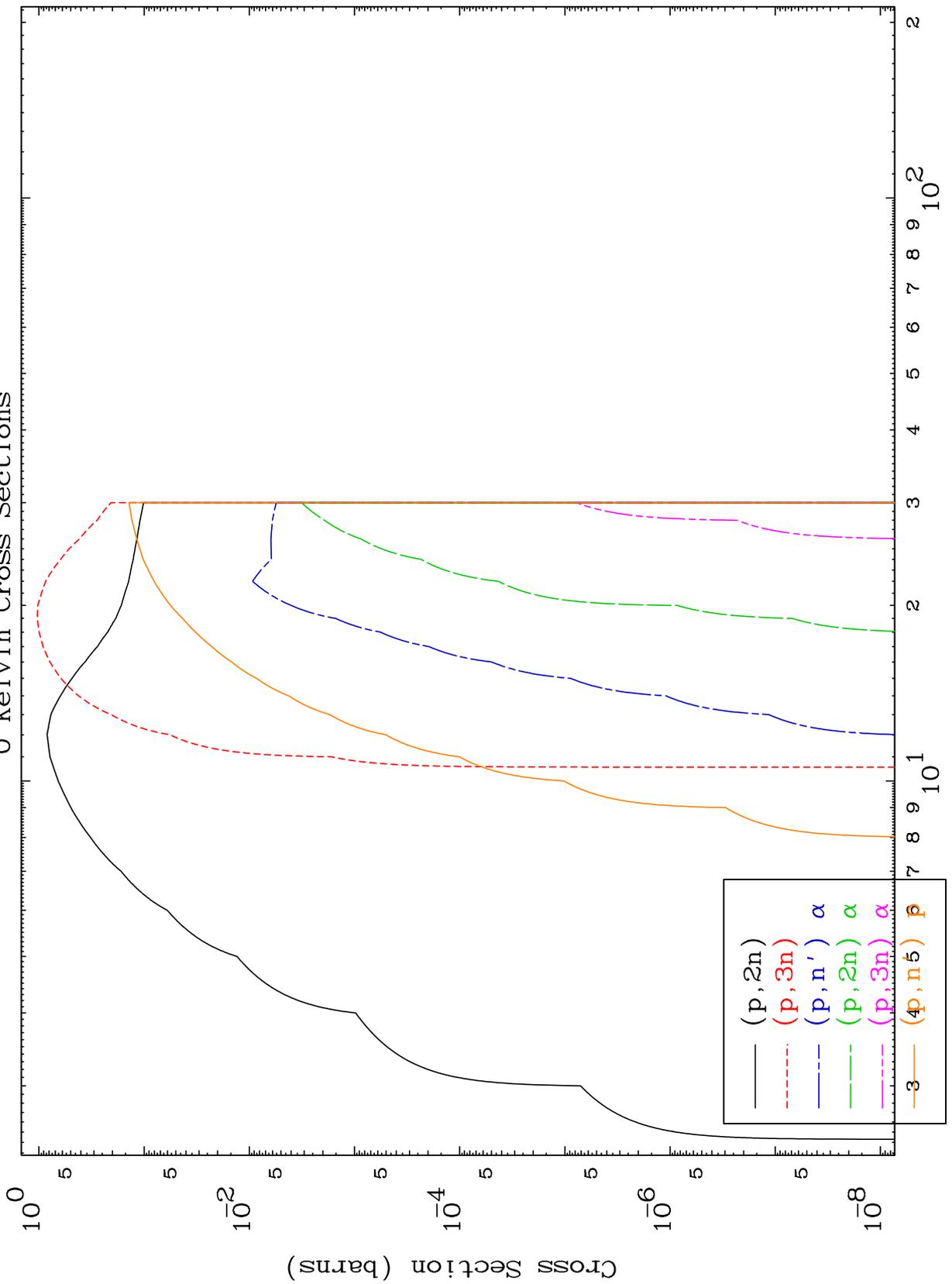


— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

MAT 5080

Proton Neutron Production
0 Kelvin Cross Sections

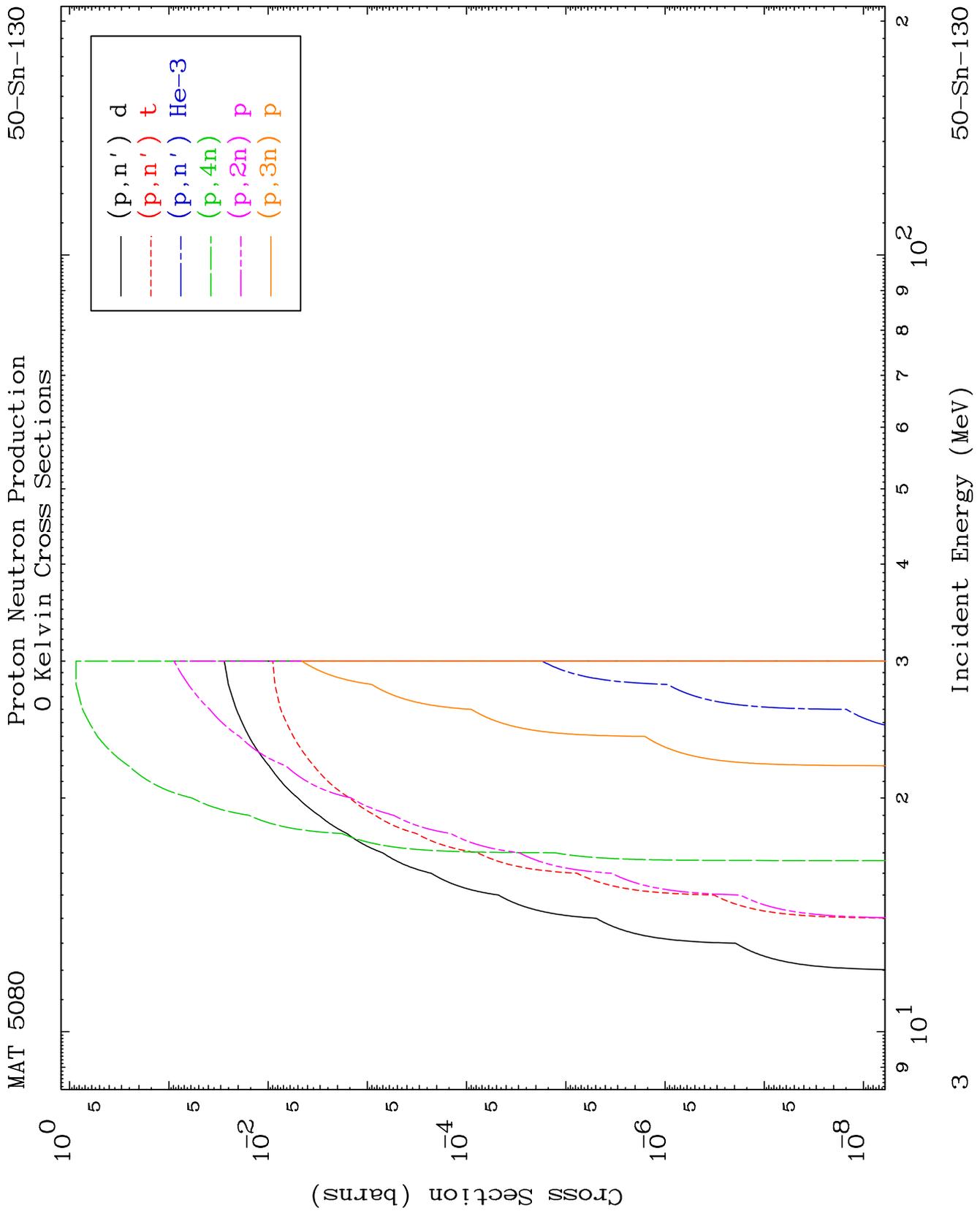
50-Sn-130



Incident Energy (MeV)

50-Sn-130

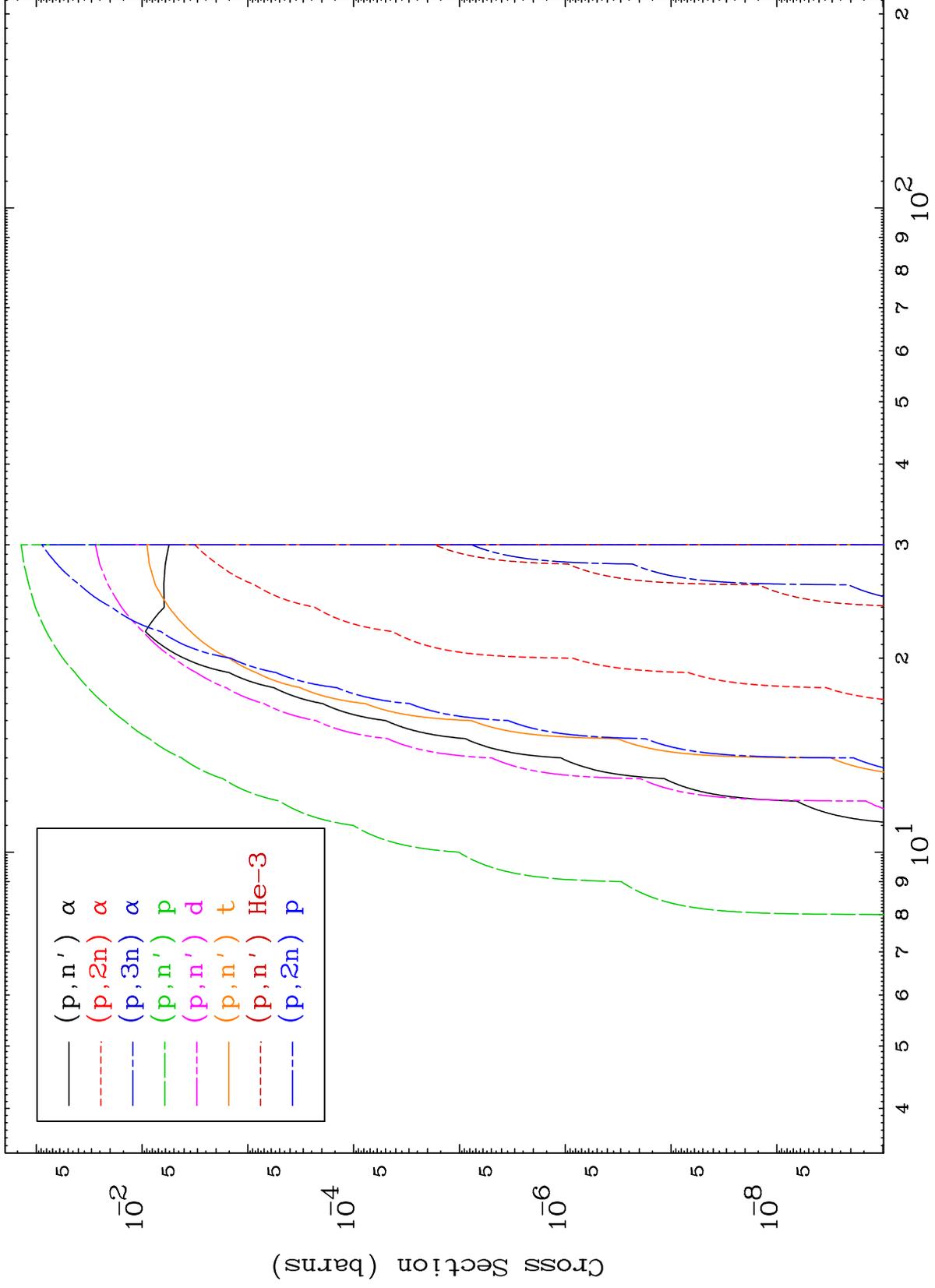
2



MAT 5080

Proton Charged Particle
0 Kelvin Cross Sections

50-Sn-130



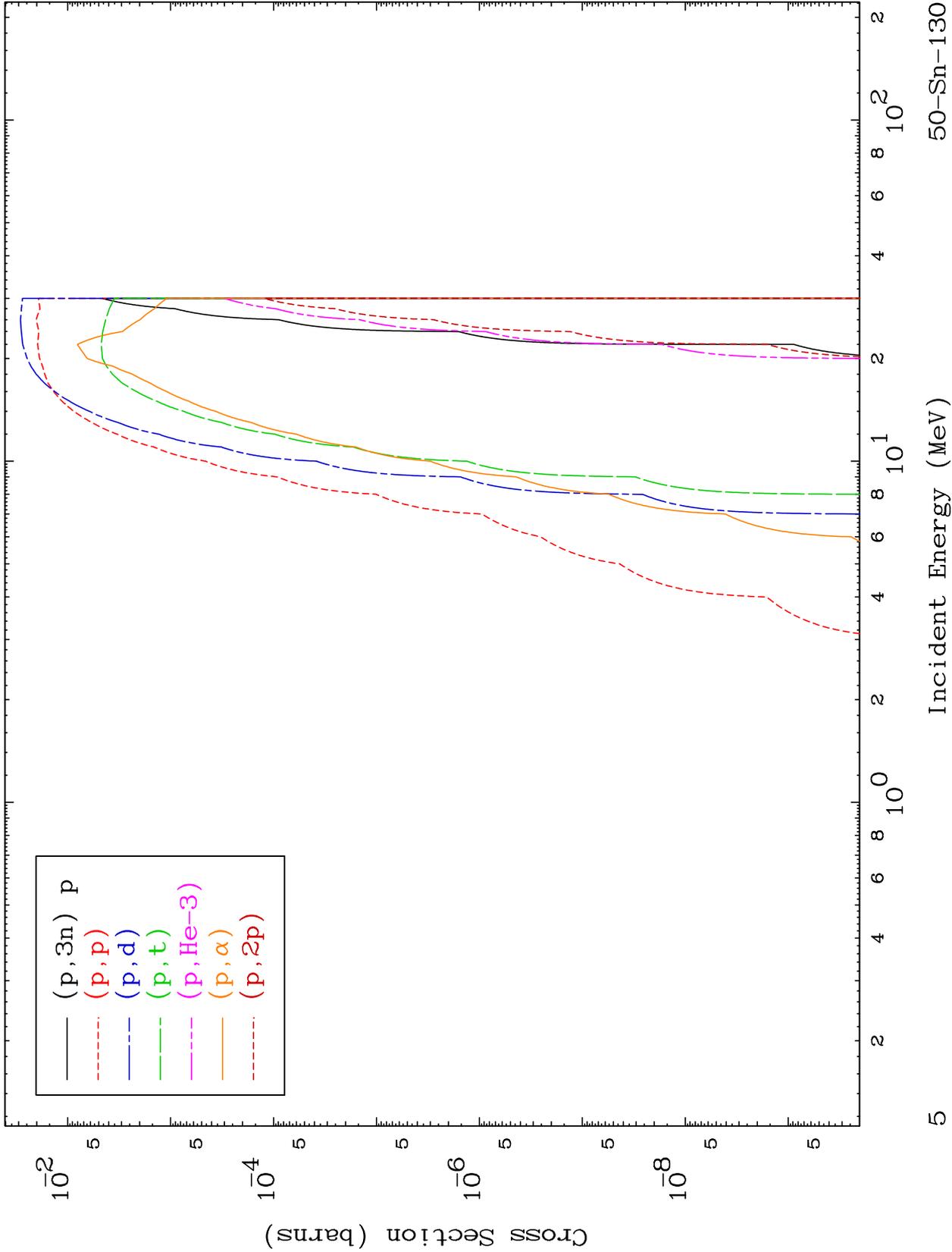
Incident Energy (MeV)

50-Sn-130

MAT 5080

Proton Charged Particle
0 Kelvin Cross Sections

50-Sn-130

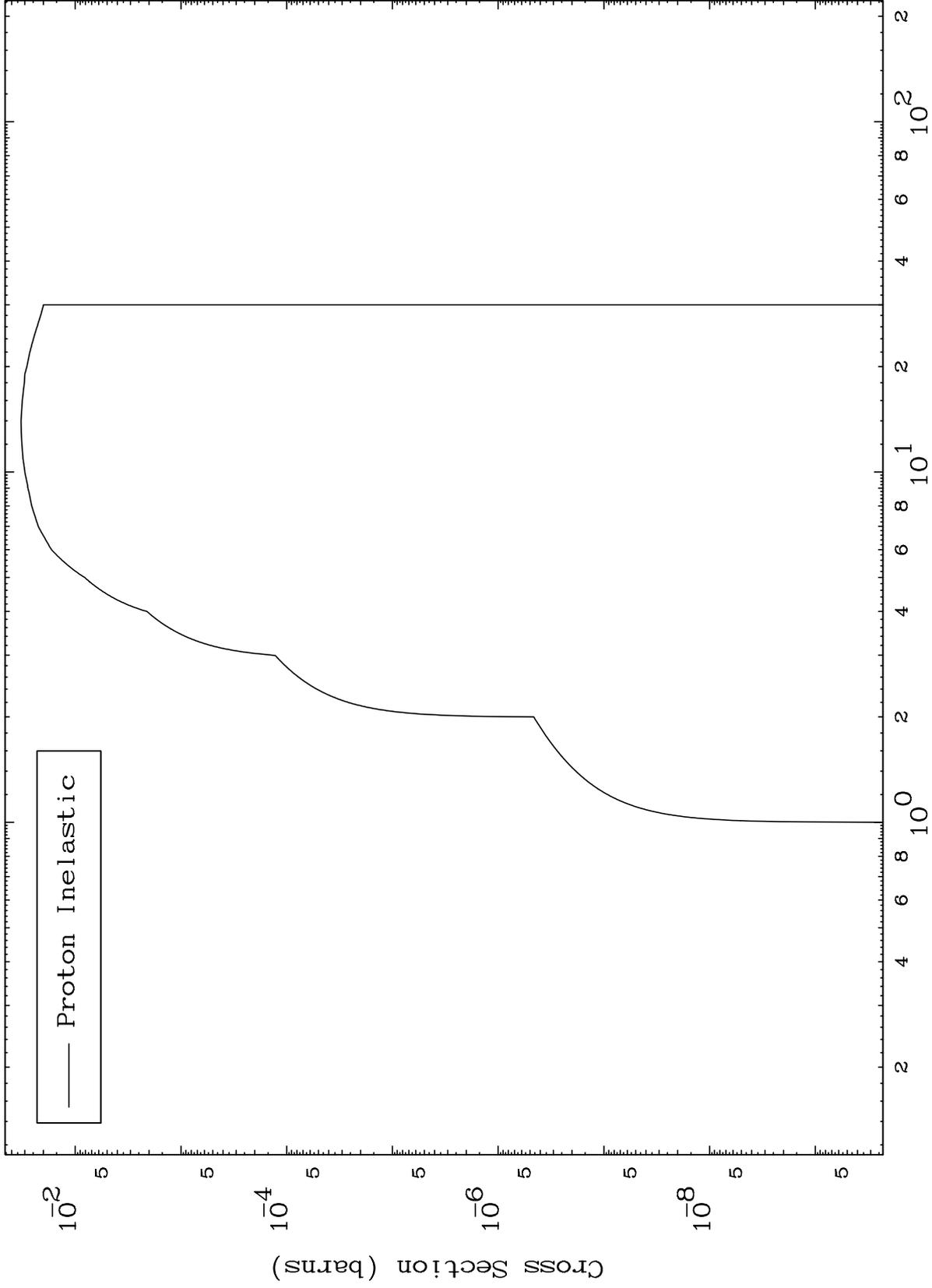


MAT 5080

(p,n') Level

50-Sn-130

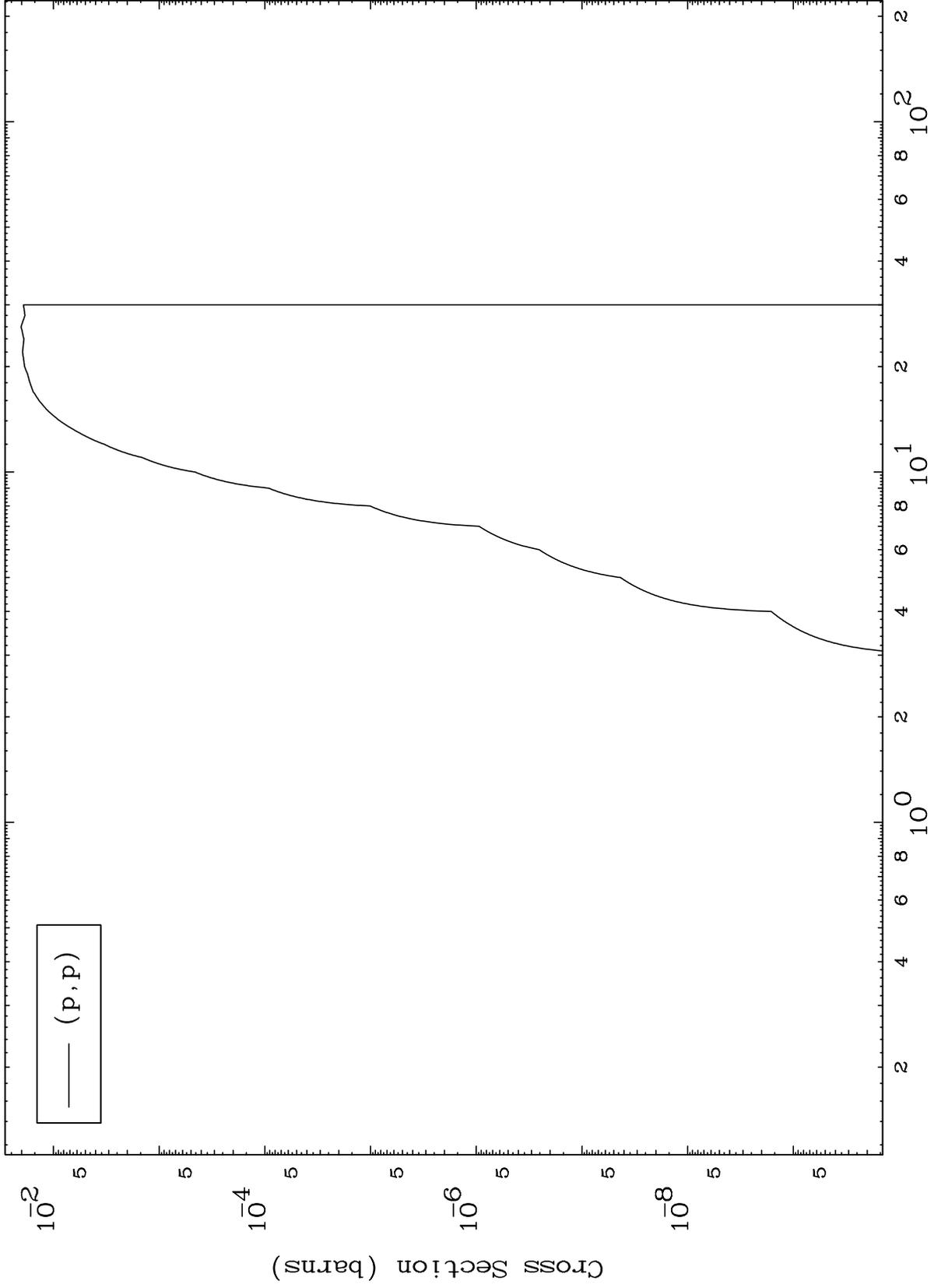
0 Kelvin Cross Sections



MAT 5080

(p,p) Levels
0 Kelvin Cross Sections

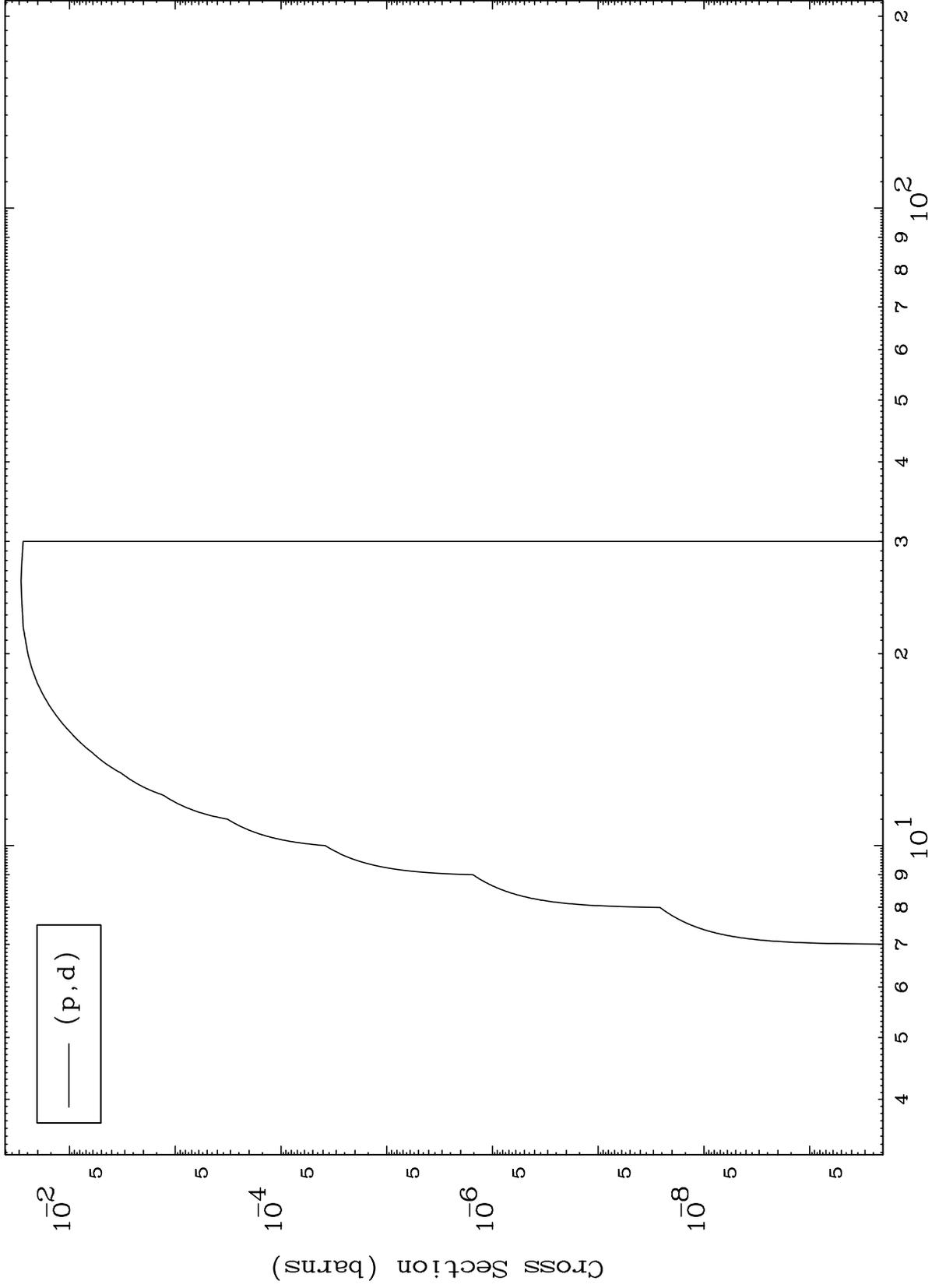
50-Sn-130



MAT 5080

(p,d) Levels
0 Kelvin Cross Sections

50-Sn-130



8

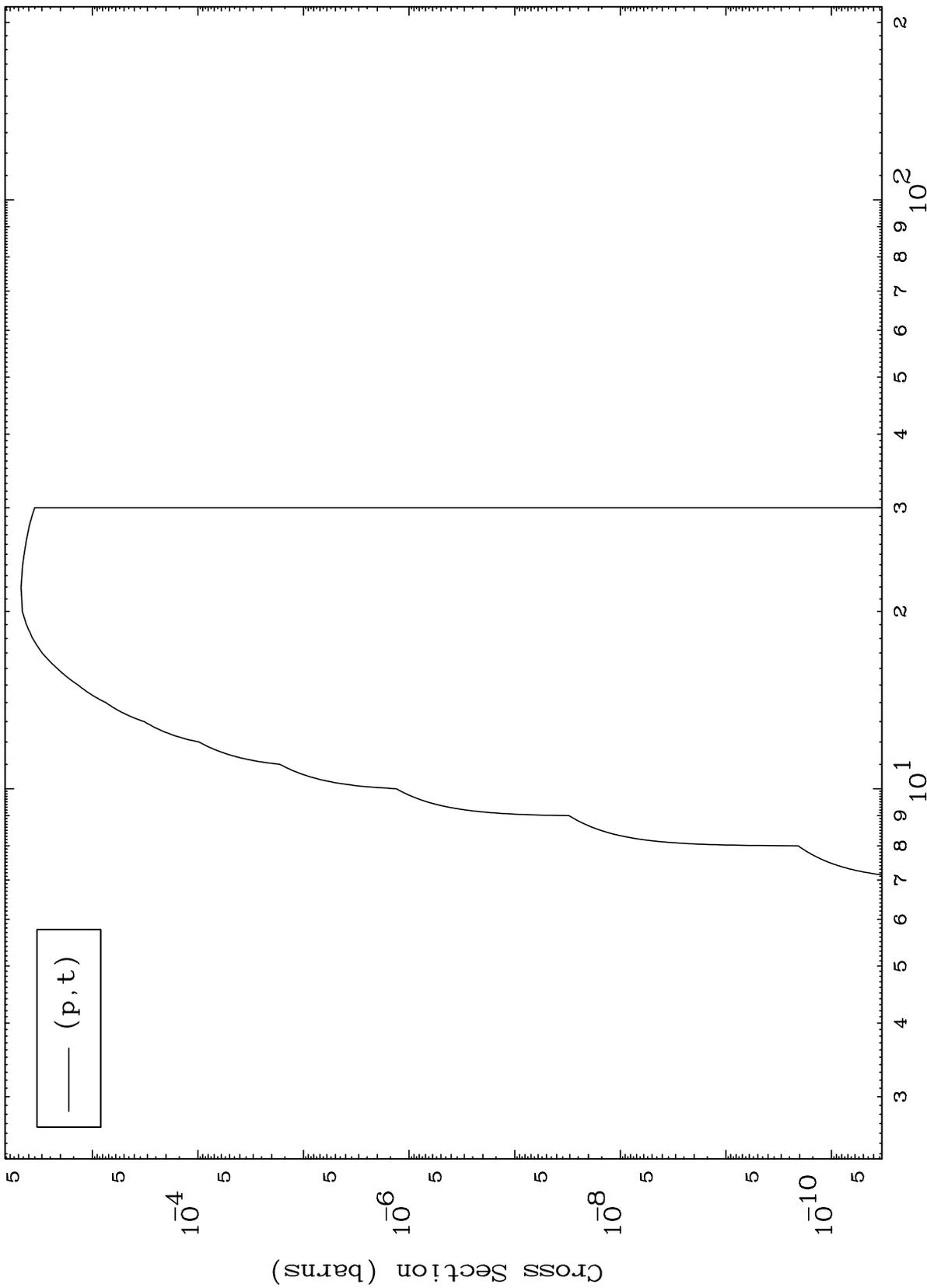
Incident Energy (MeV)

50-Sn-130

MAT 5080

(p, t) Levels
0 Kelvin Cross Sections

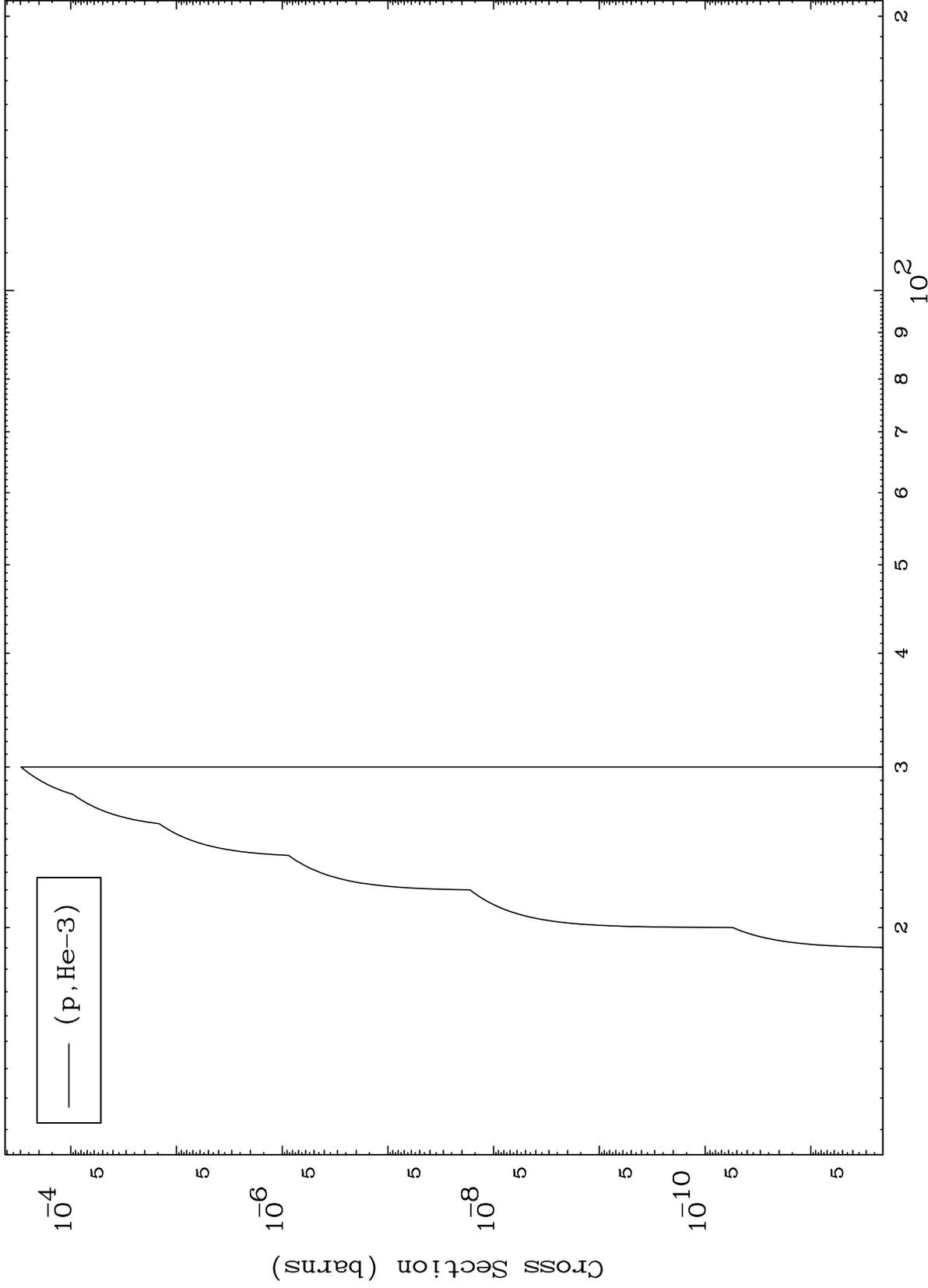
50-Sn-130



MAT 5080

(p,He3) Levels
0 Kelvin Cross Sections

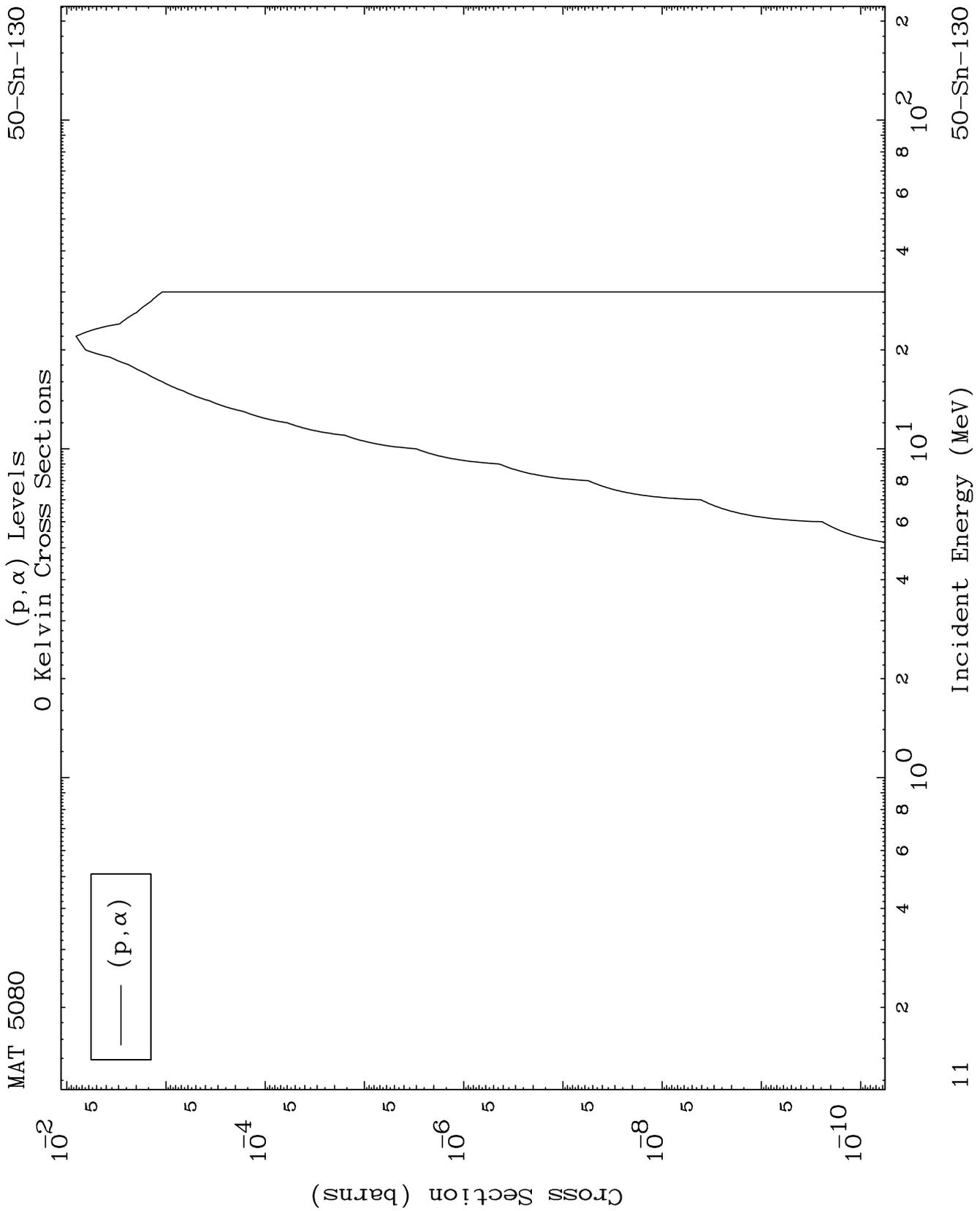
50-Sn-130



10

Incident Energy (MeV)

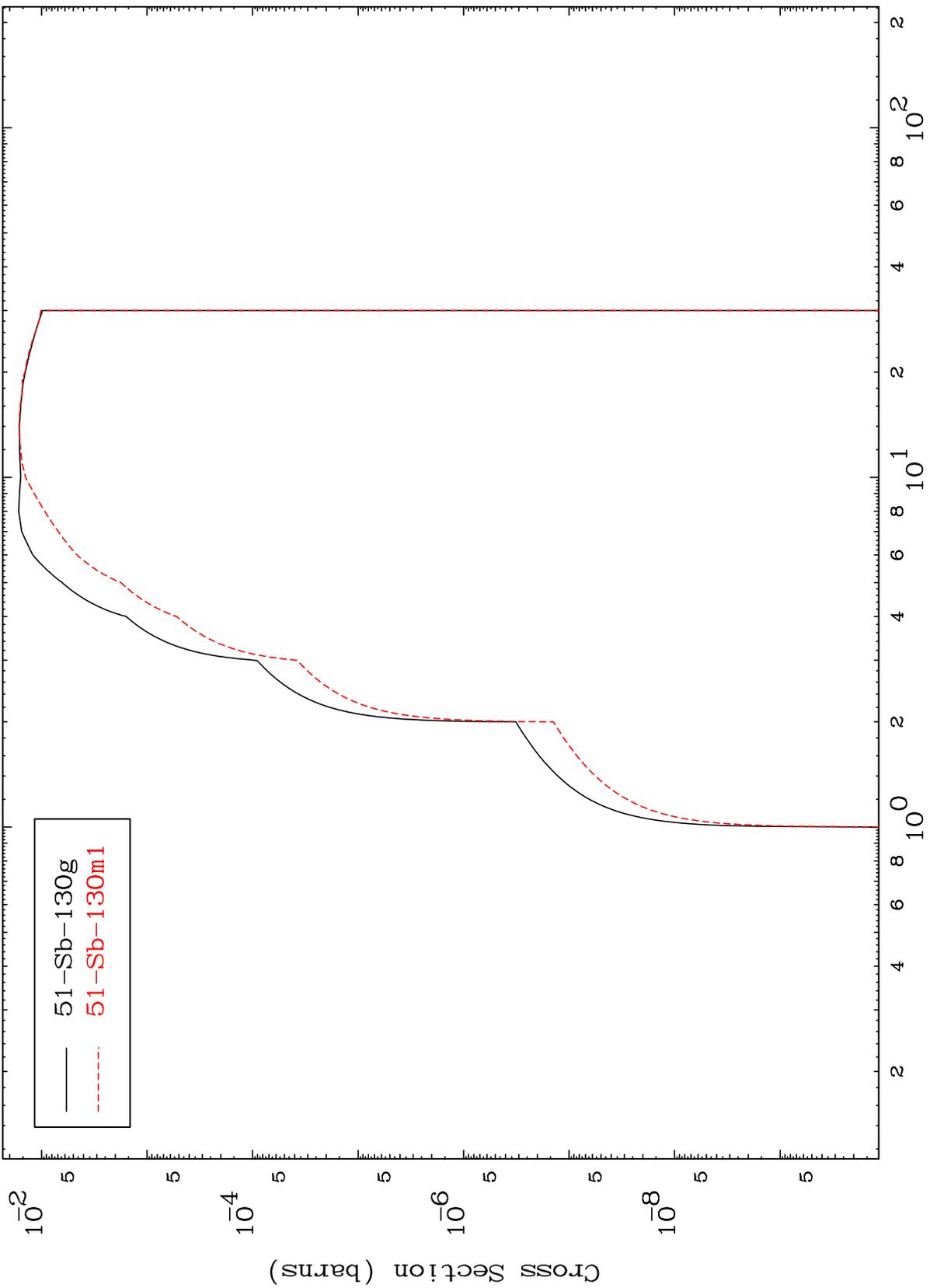
50-Sn-130



MAT 5080

50-Sn-130

Proton Inelastic
Radionuclide Production Cross Section



— 51-Sb-130g
- - - 51-Sb-130m1

50-Sn-130

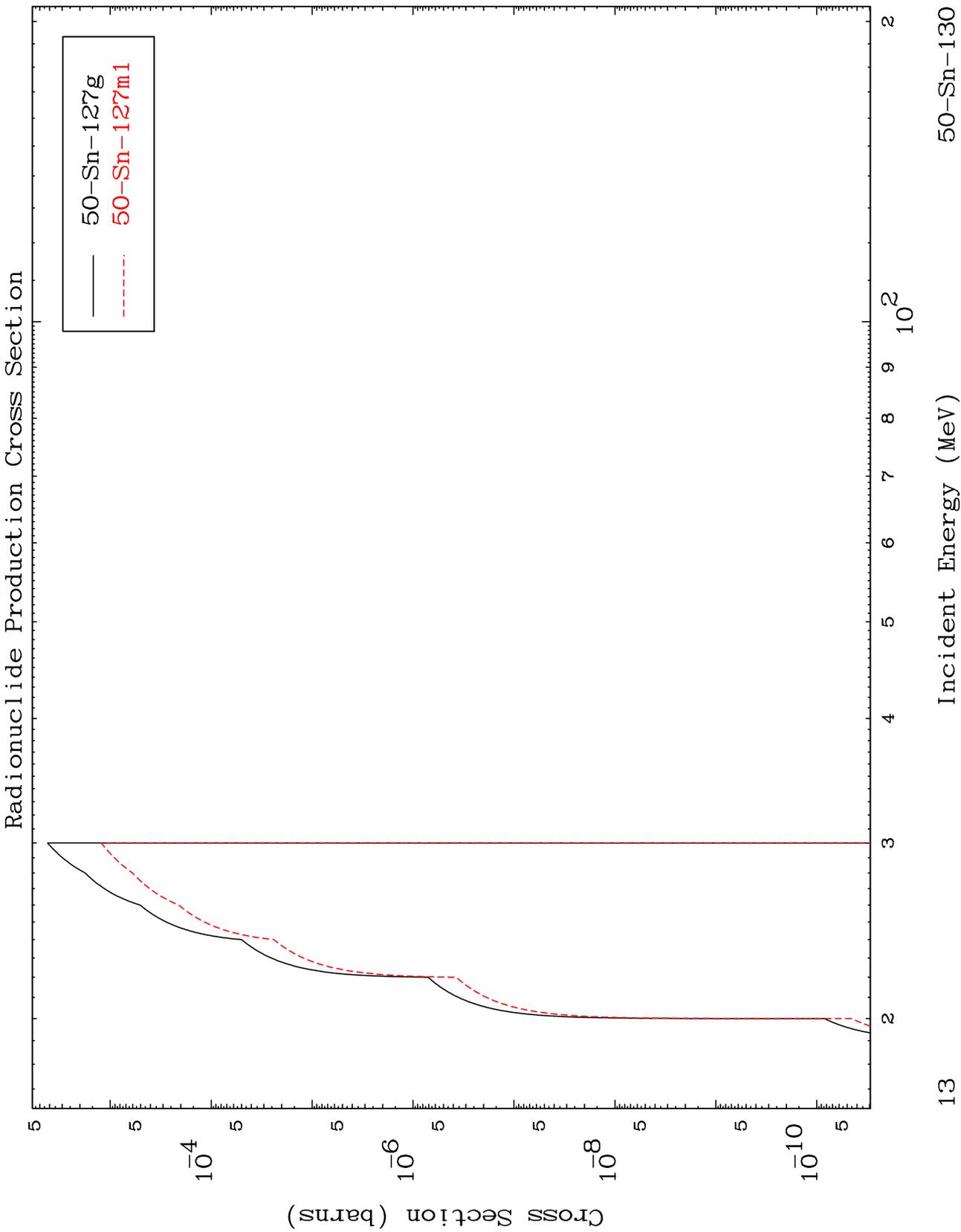
Incident Energy (MeV)

12

MAT 5080

(p,2n) d

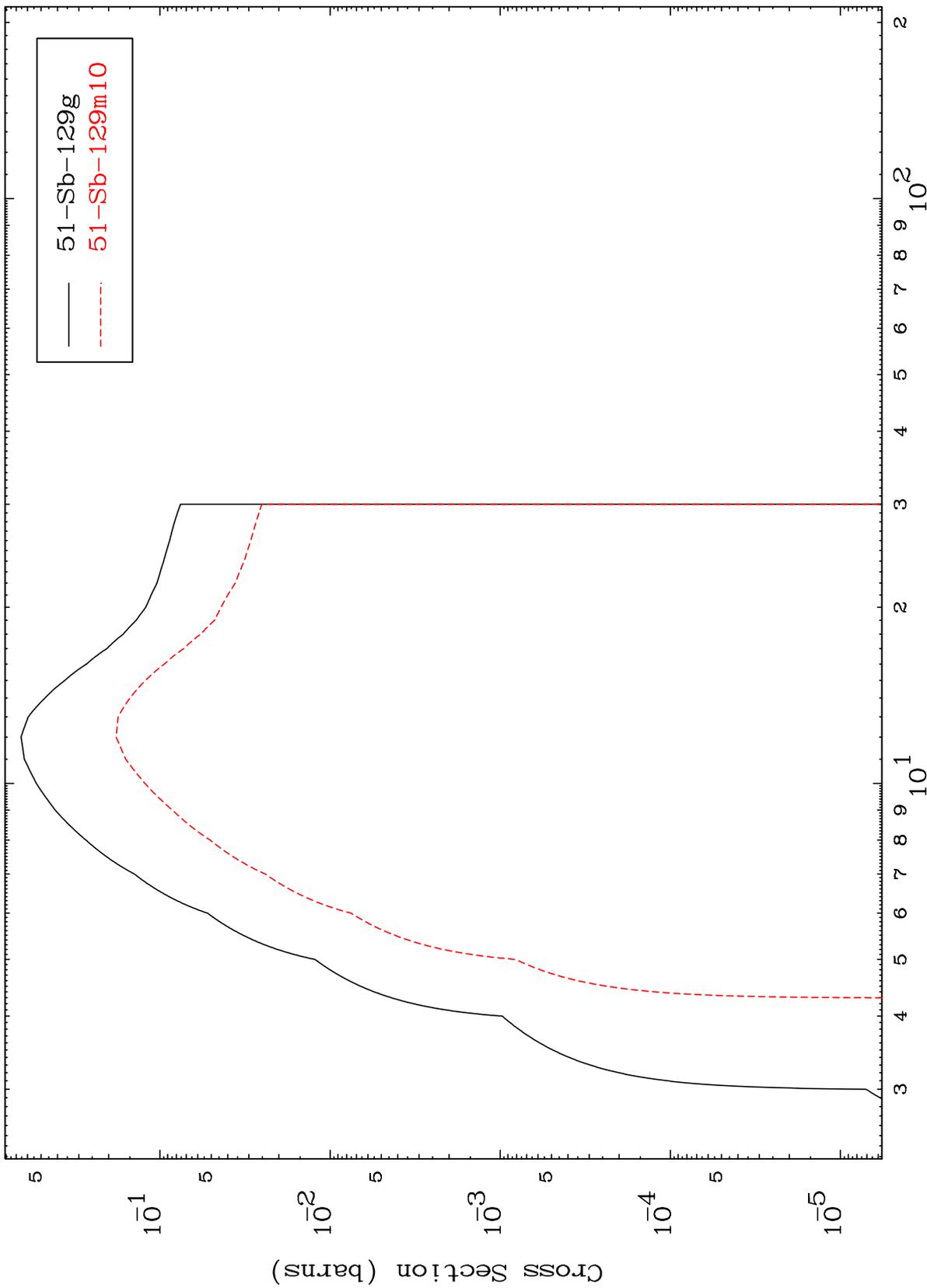
50-Sn-130



MAT 5080

50-Sn-130

(p,2n)
Radionuclide Production Cross Section



51-Sb-129g
51-Sb-129m10

14

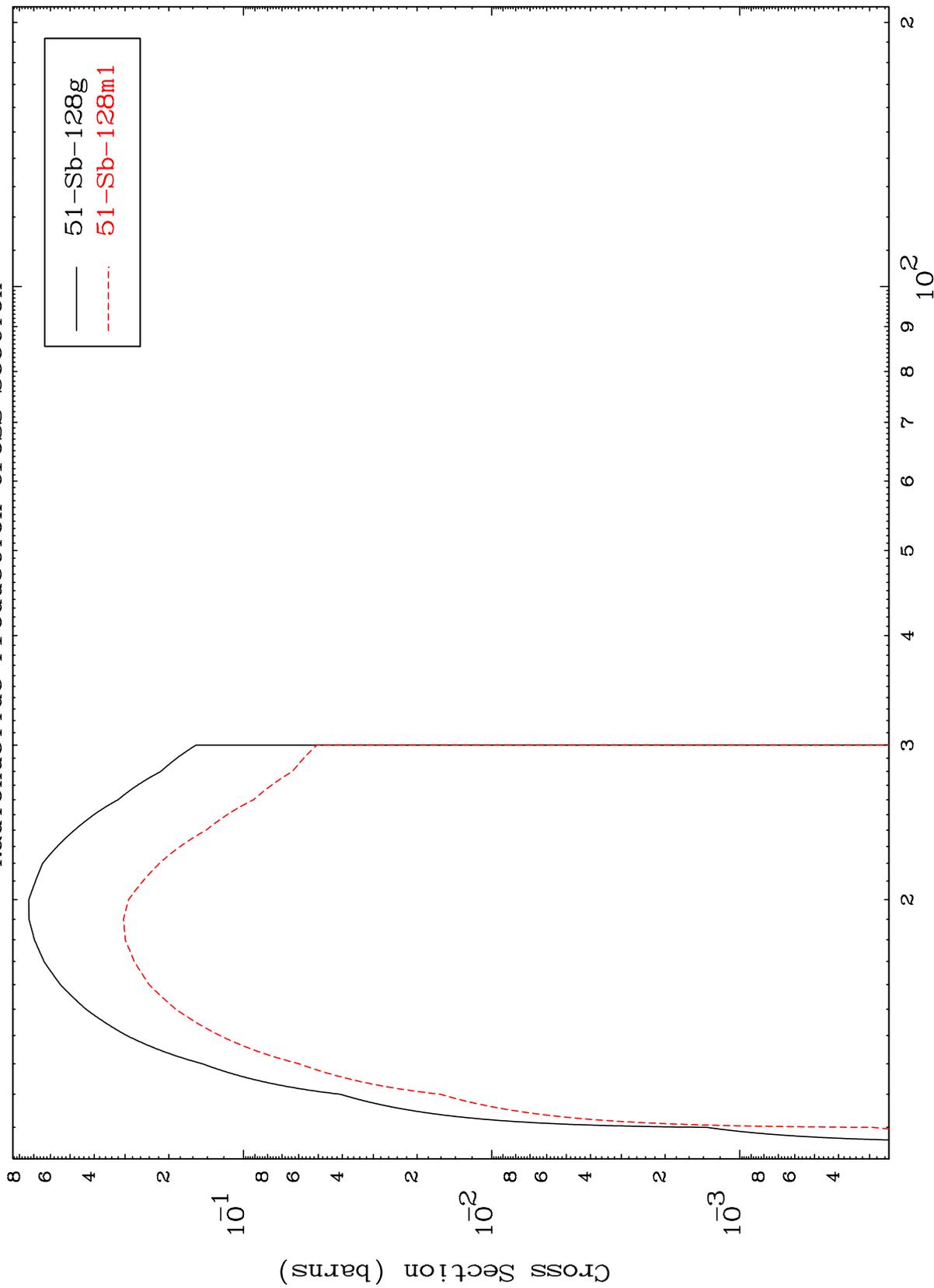
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

(p,3n)
Radionuclide Production Cross Section



50-Sn-130

Incident Energy (MeV)

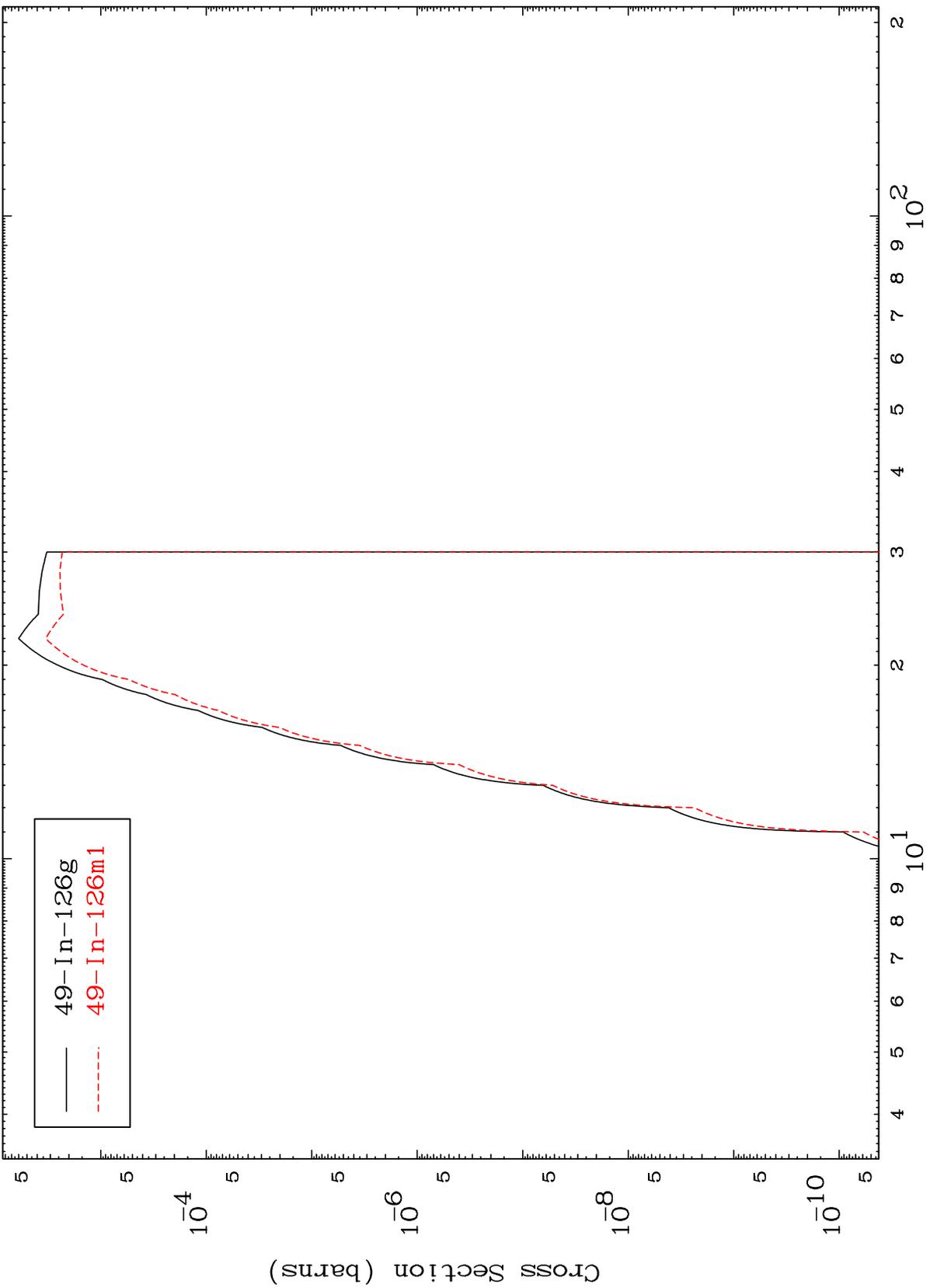
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MAT 5080

50-Sn-130

(p,n') α

Radionuclide Production Cross Section



16

Incident Energy (MeV)

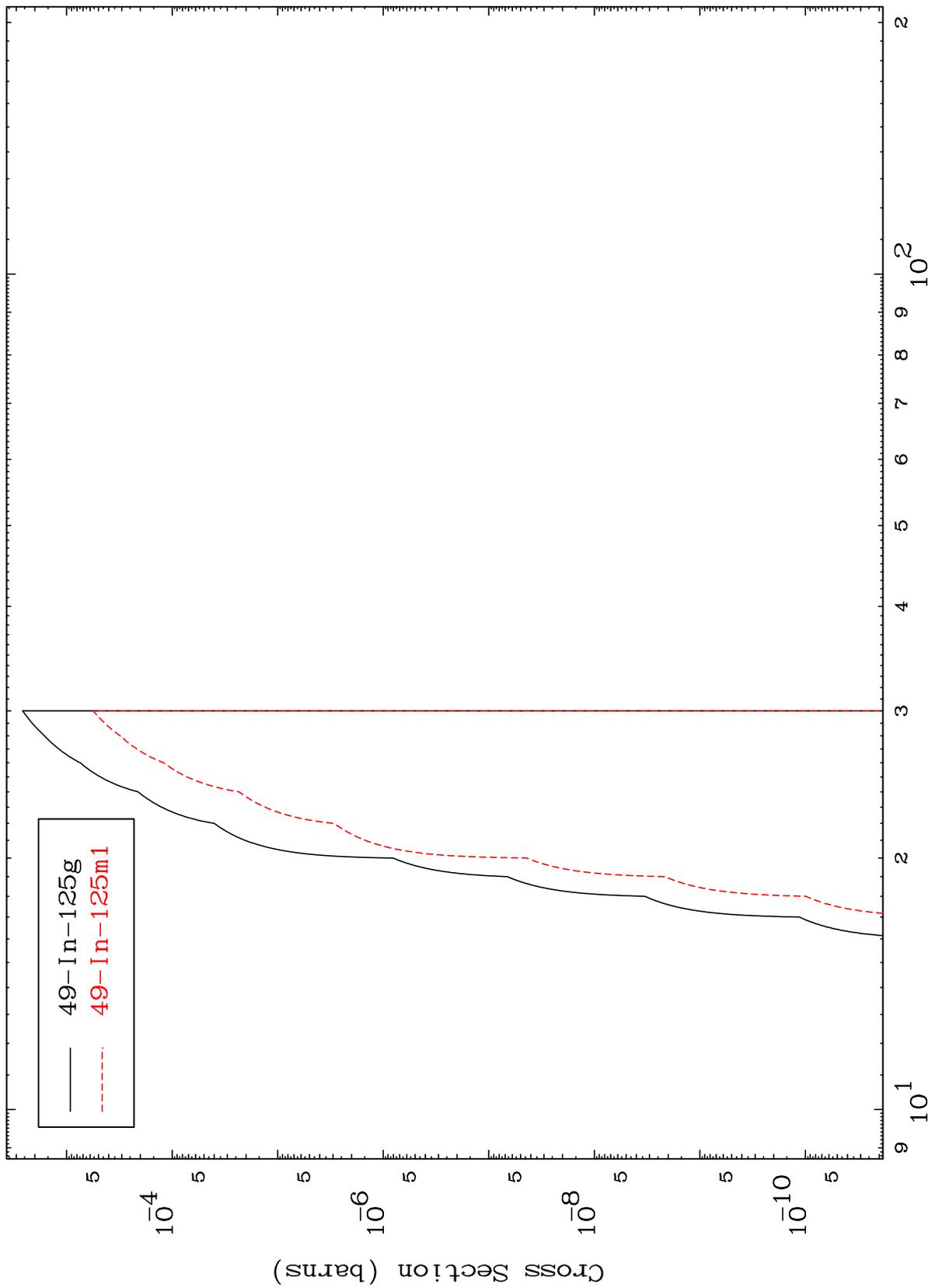
50-Sn-130

MAT 5080

(p,2n) α

50-Sn-130

Radionuclide Production Cross Section



17

Incident Energy (MeV)

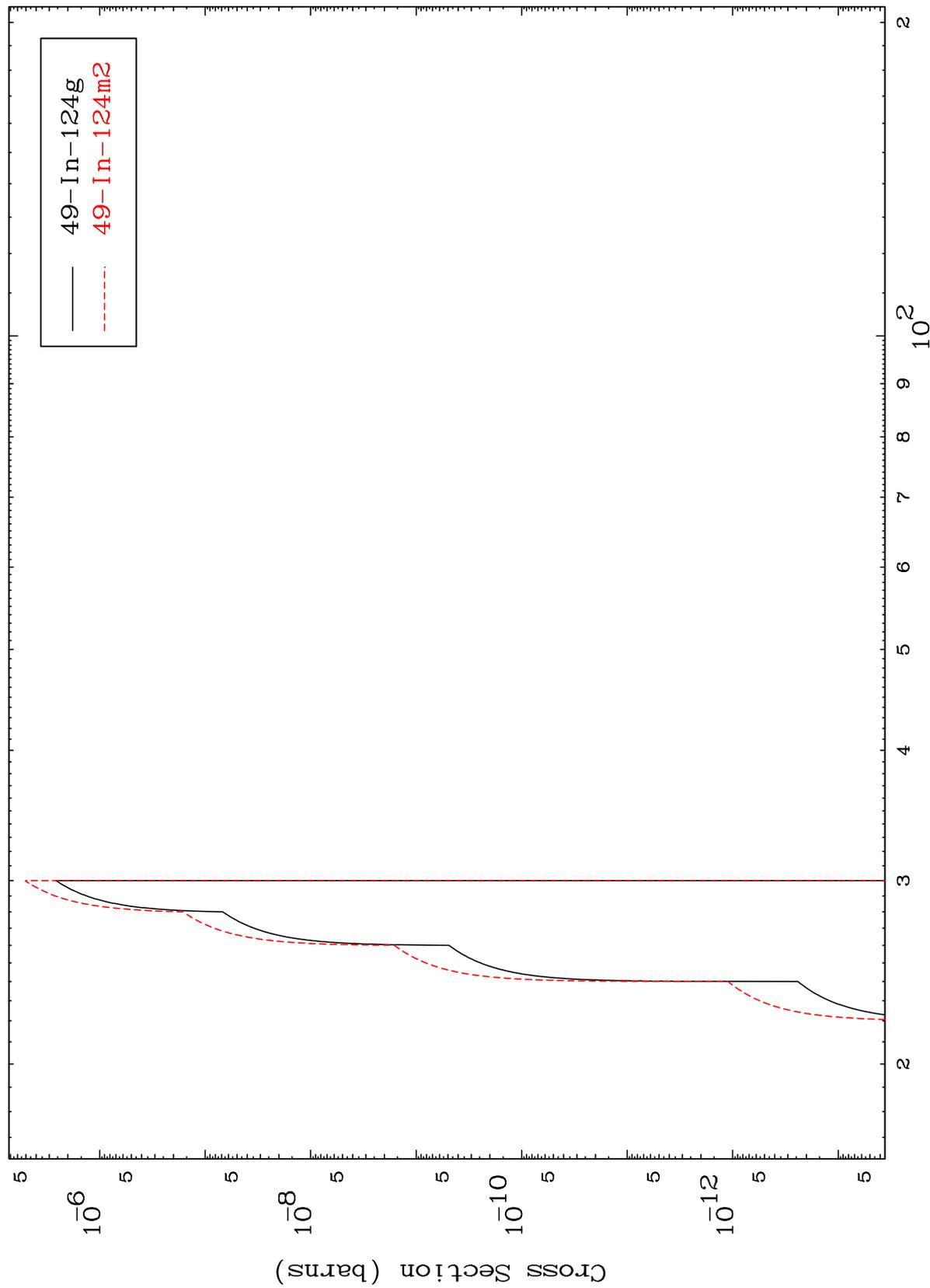
50-Sn-130

MAT 5080

(p,3n) α

50-Sn-130

Radionuclide Production Cross Section

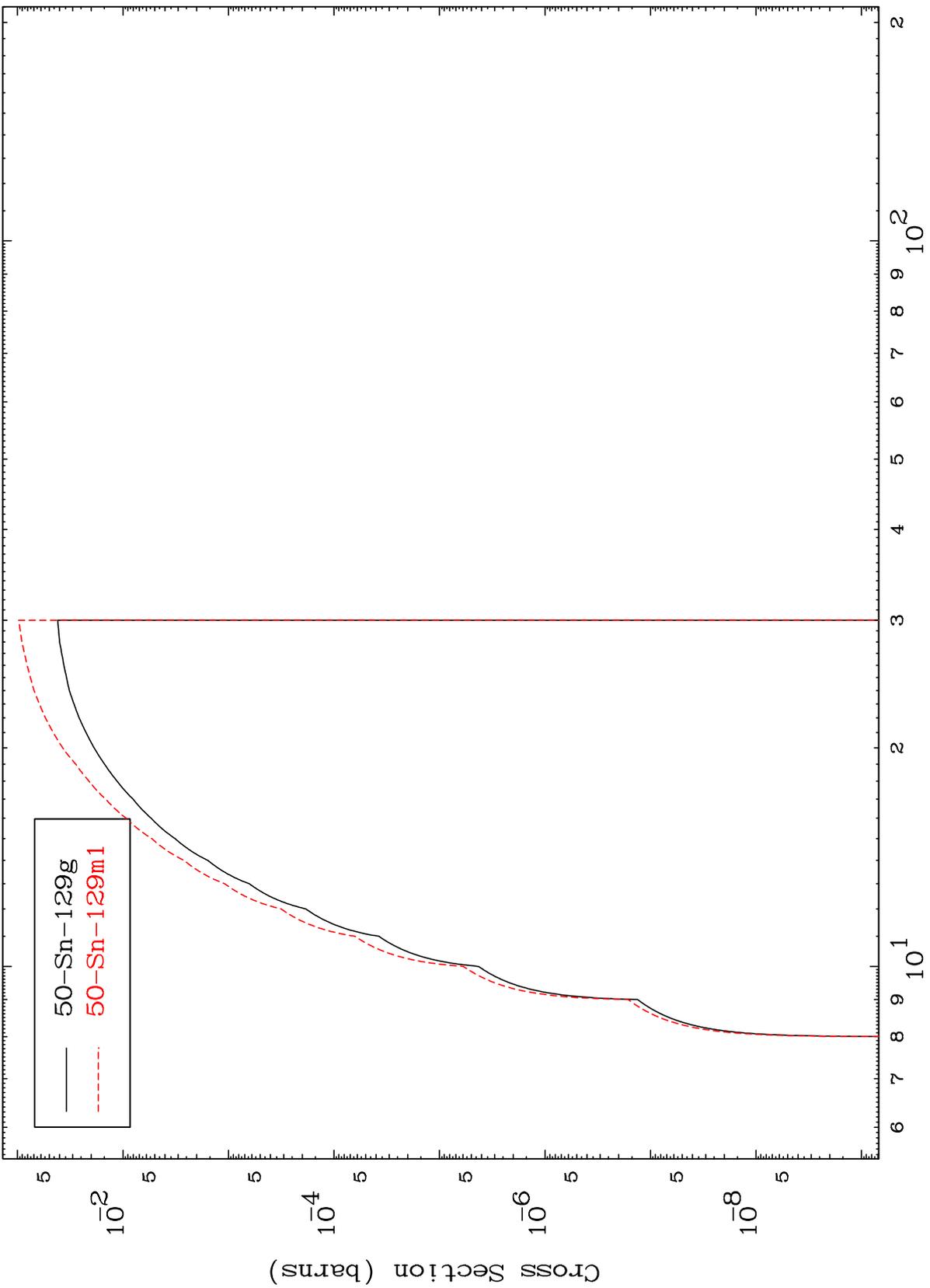


MAT 5080

(p,n') p

50-Sn-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

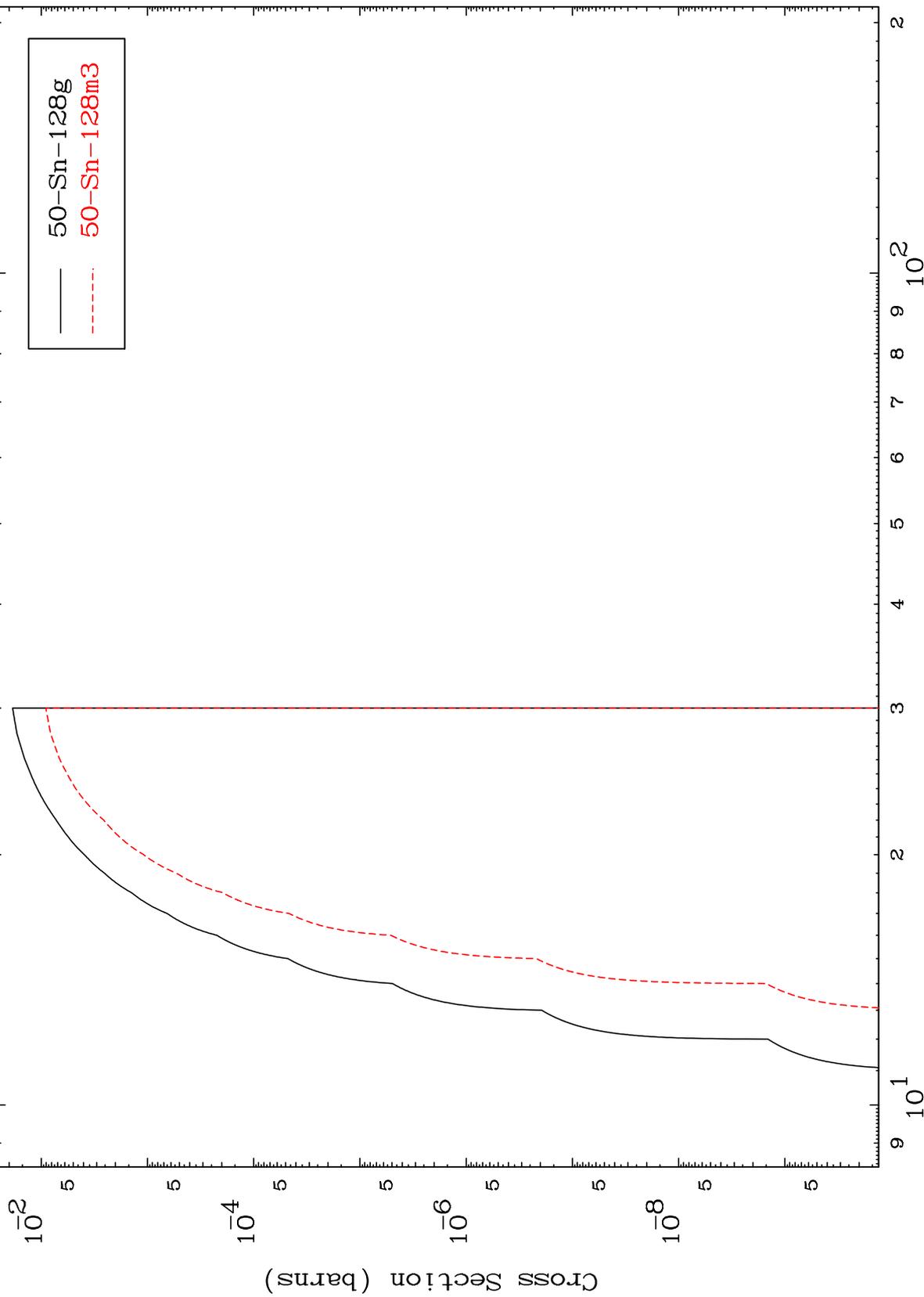
50-Sn-130

MAT 5080

(p,n') d

50-Sn-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

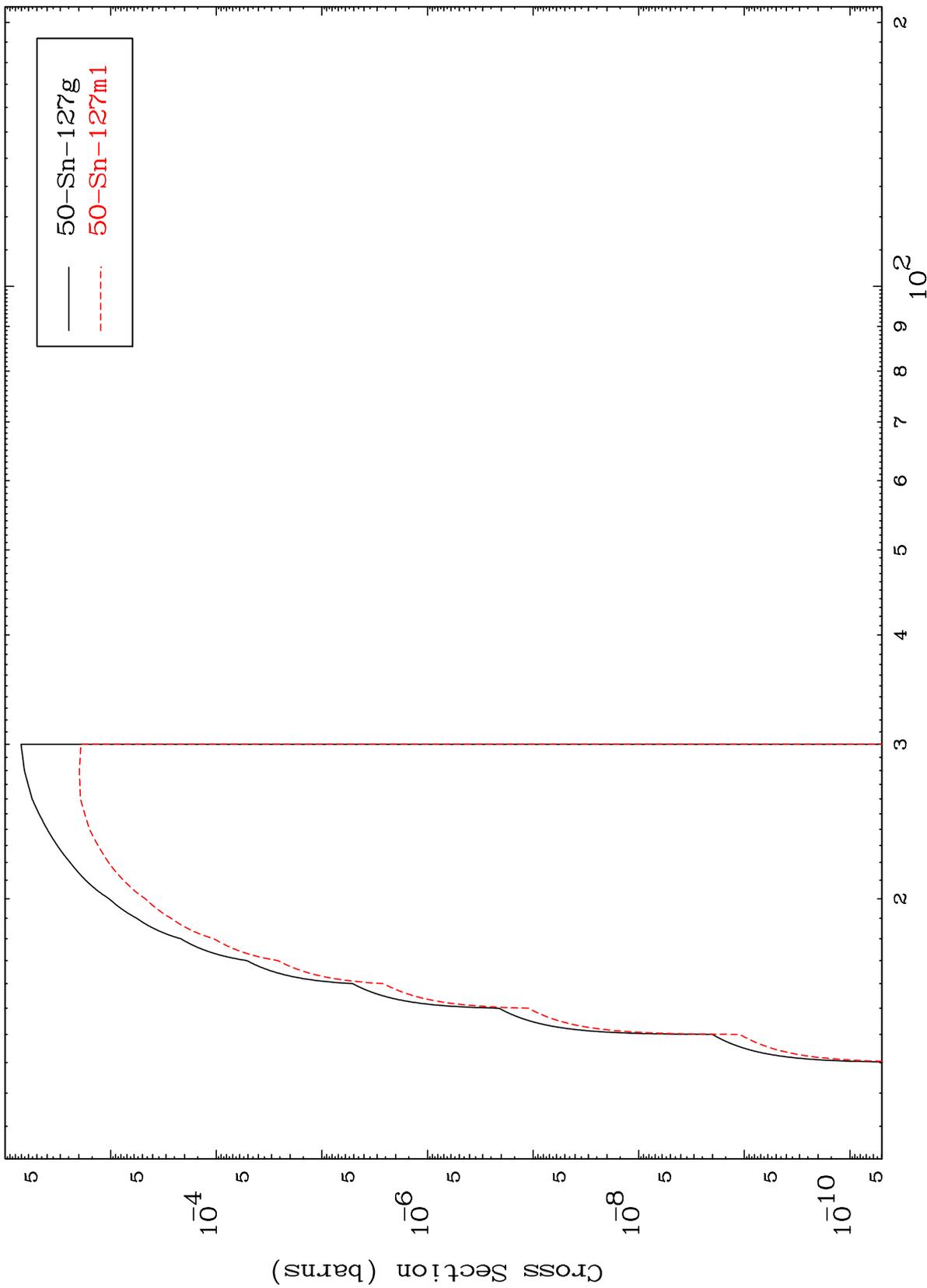
50-Sn-130

MAT 5080

(p,n') t

50-Sn-130

Radionuclide Production Cross Section

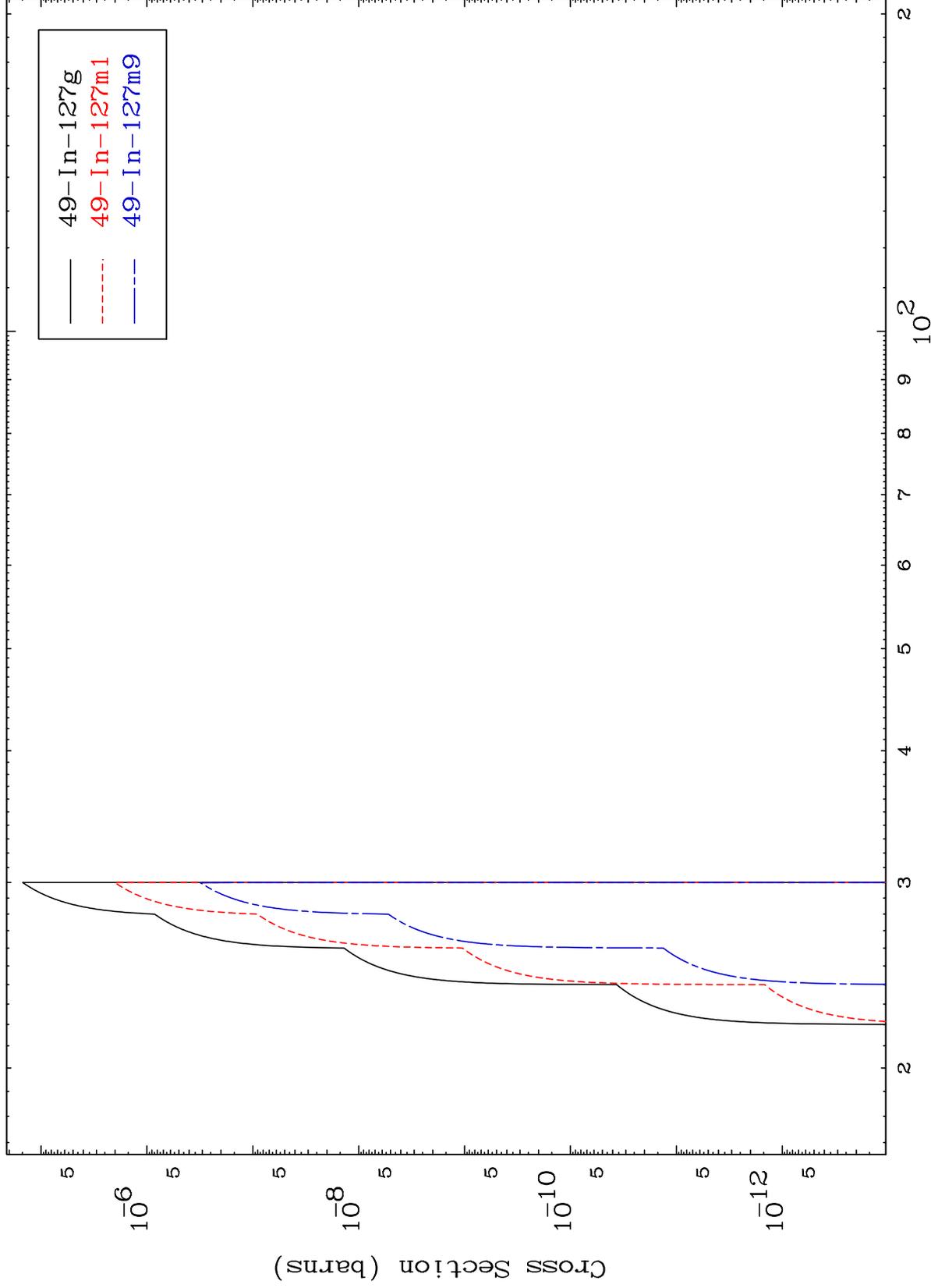


21

Incident Energy (MeV)

50-Sn-130

Radionuclide Production Cross Section

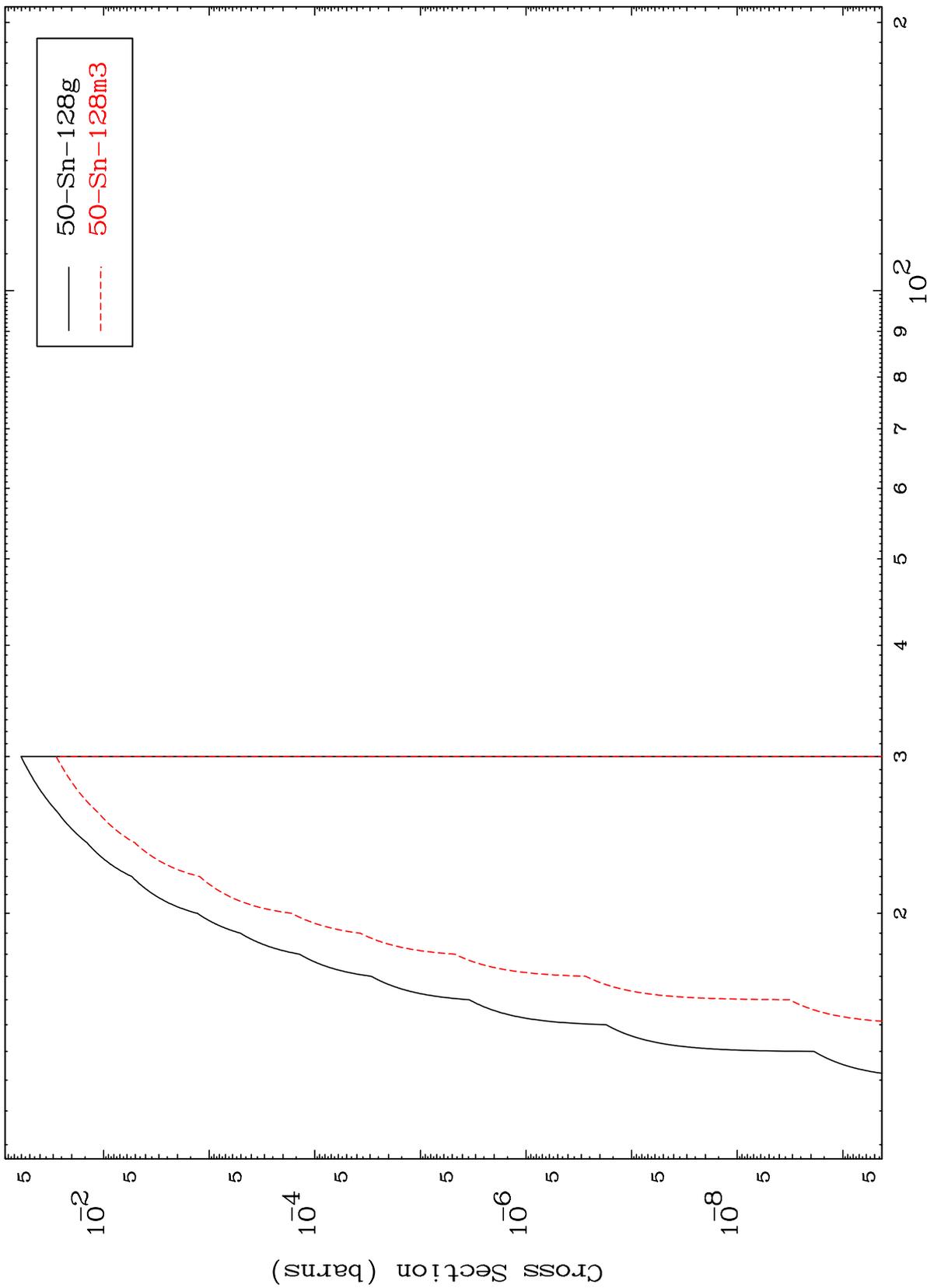


MAT 5080

(p,2n) p

50-Sn-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

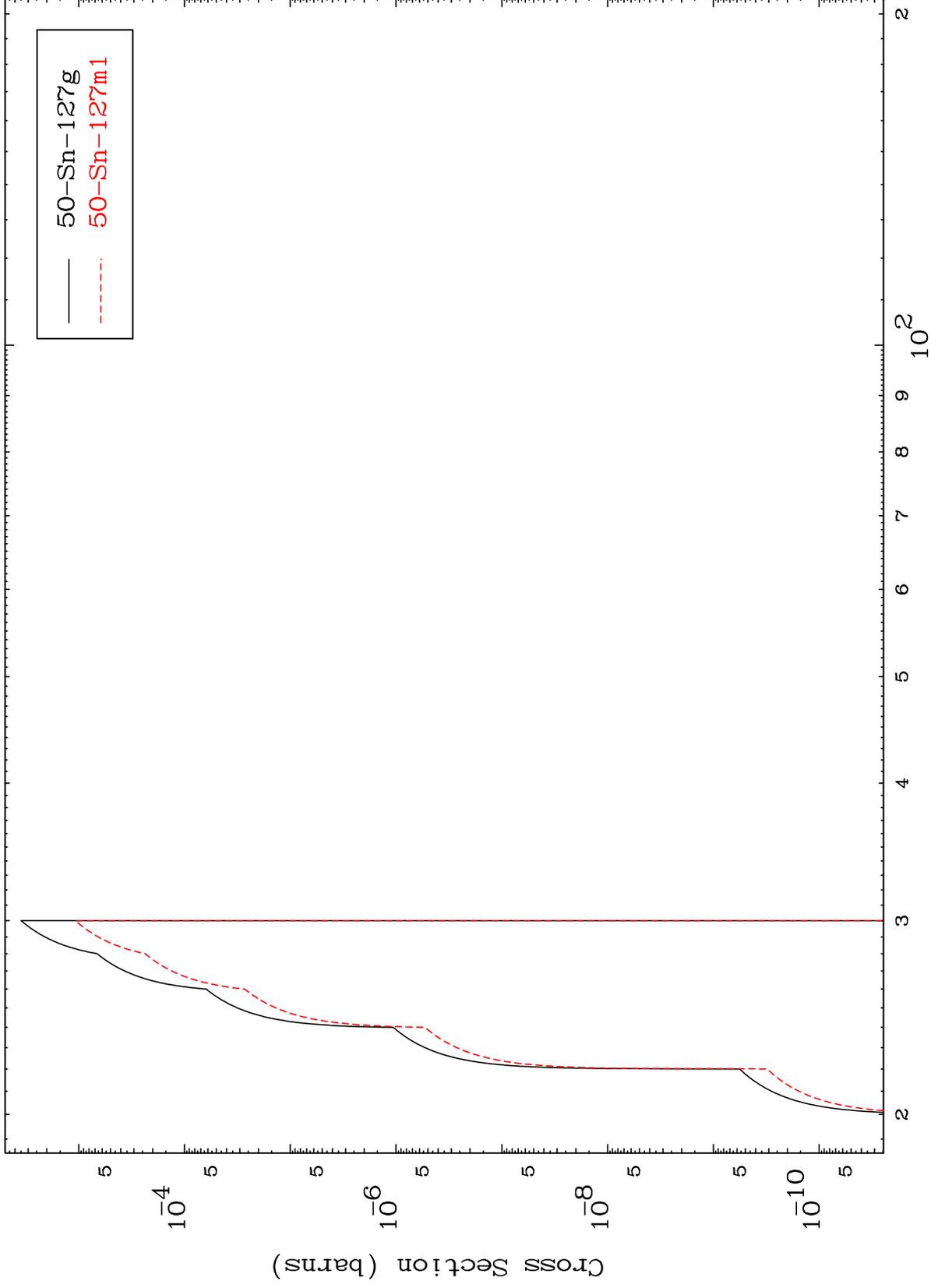
50-Sn-130

MAT 5080

(p,3n) p

50-Sn-130

Radionuclide Production Cross Section



24

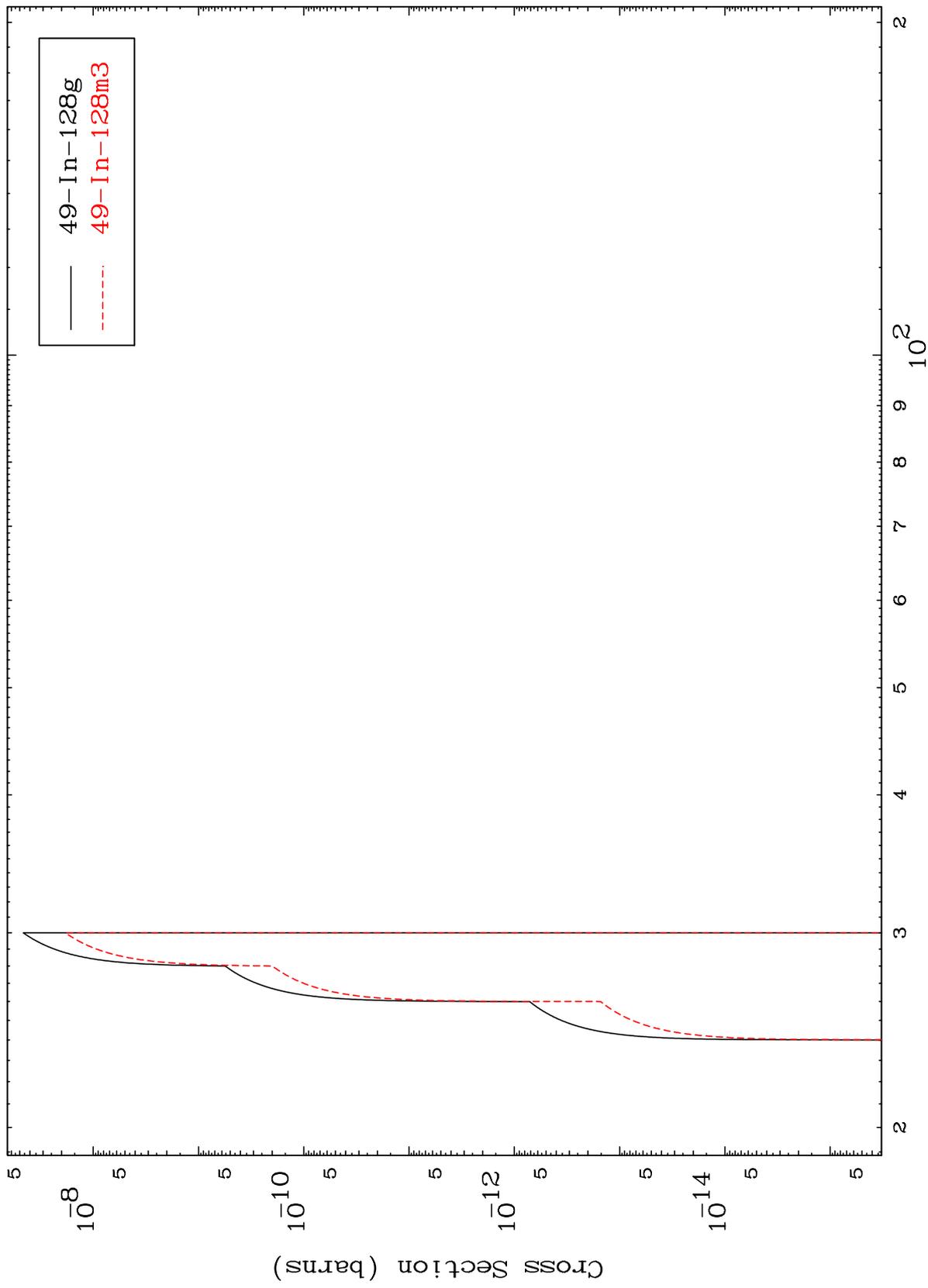
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

(p,2n) p
Radionuclide Production Cross Section



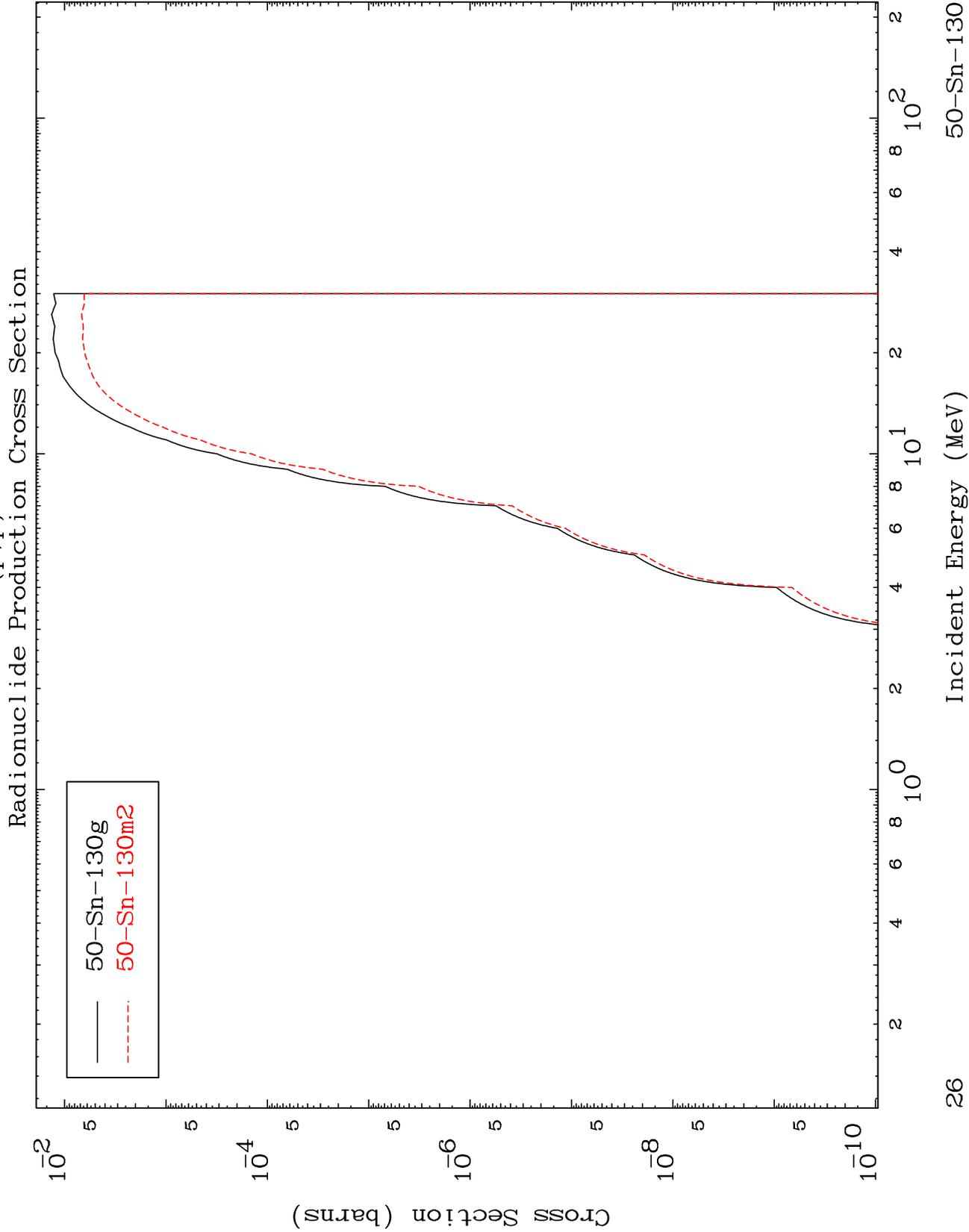
50-Sn-130

Incident Energy (MeV)

25

MAT 5080

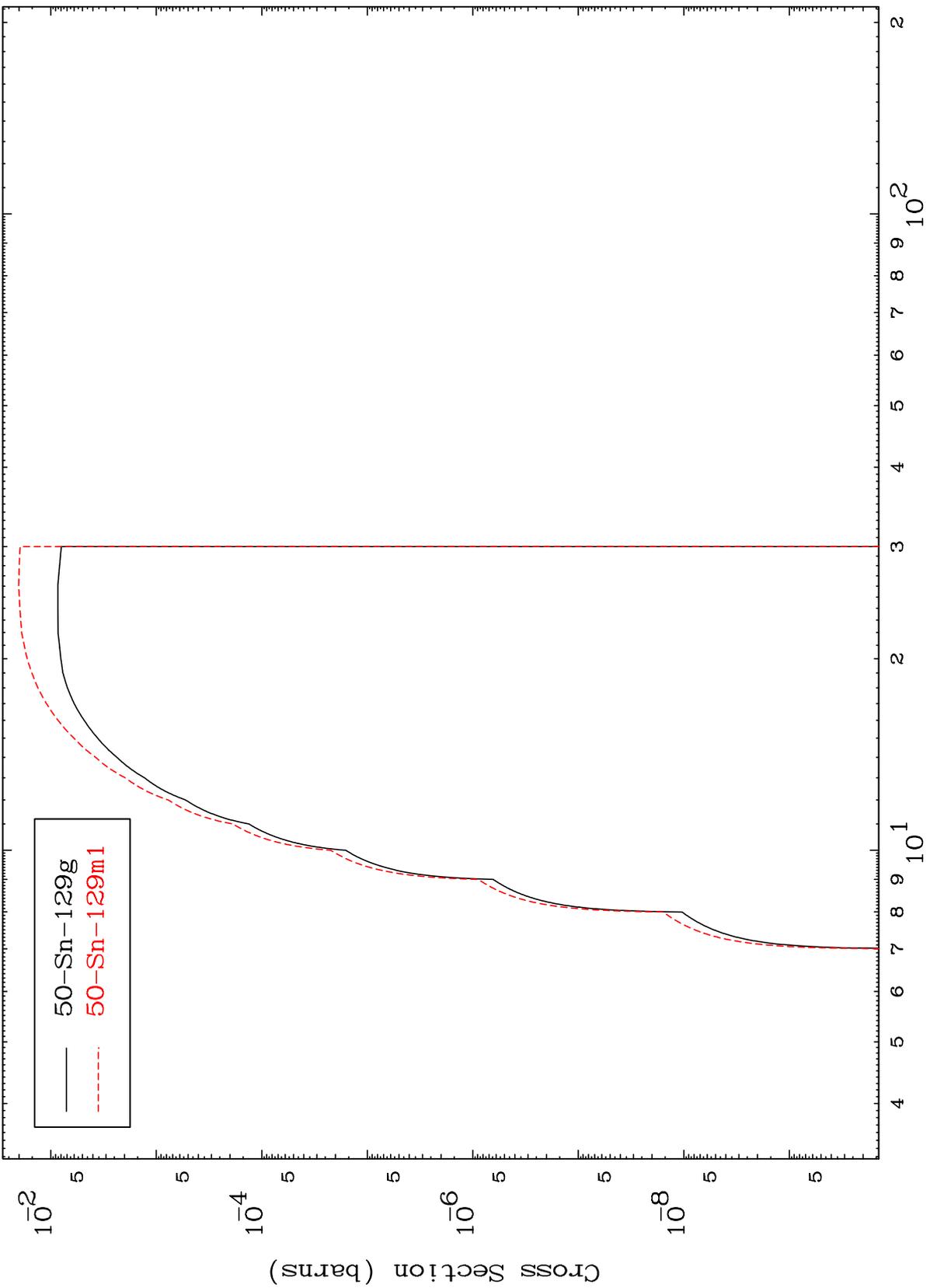
50-Sn-130



MAT 5080

50-Sn-130

(p,d)
Radionuclide Production Cross Section

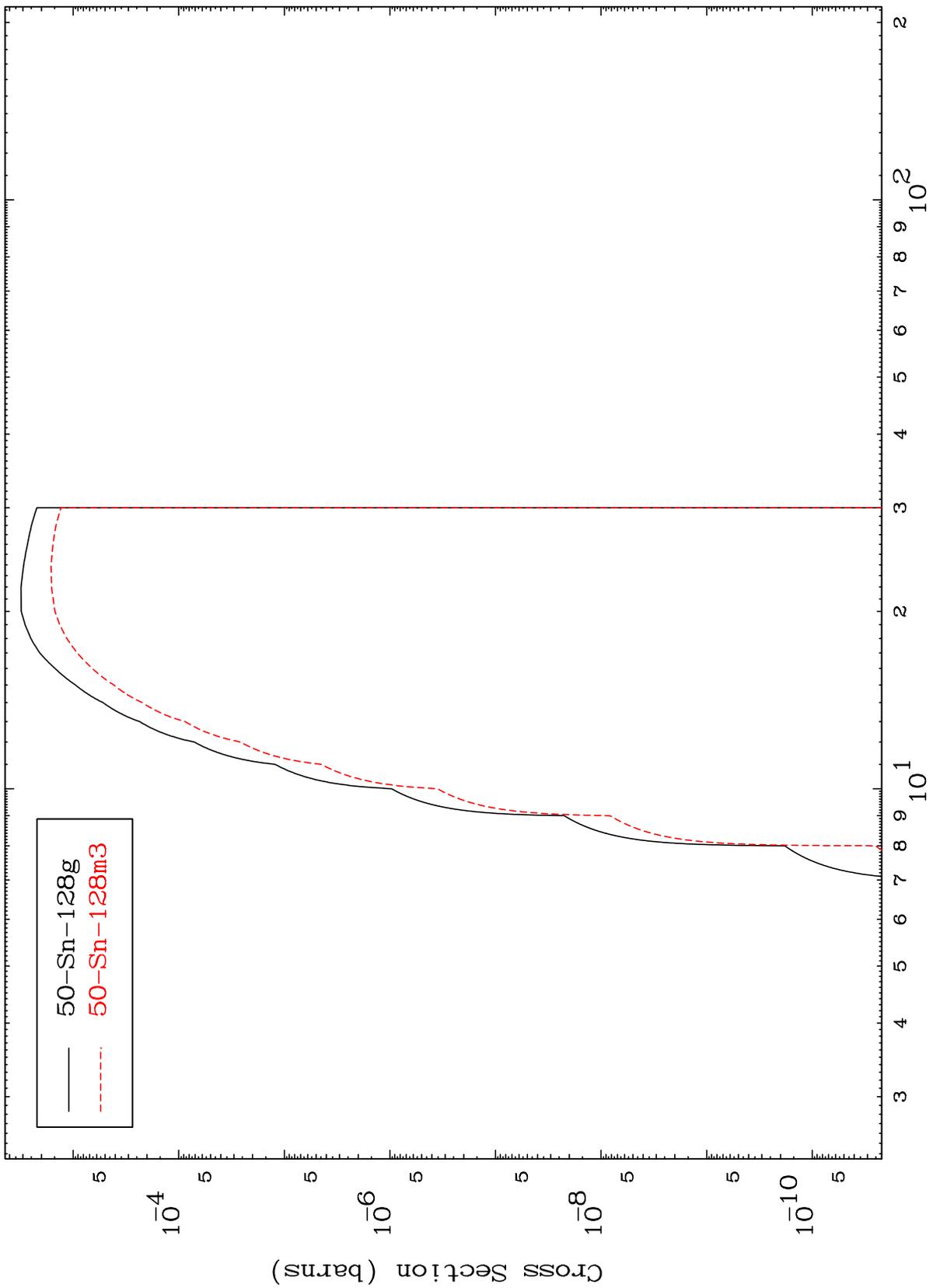


50-Sn-129g
50-Sn-129m1

MAT 5080

50-Sn-130

Radionuclide Production Cross Section
(p, t)



— 50-Sn-128g
- - - 50-Sn-128m3

28

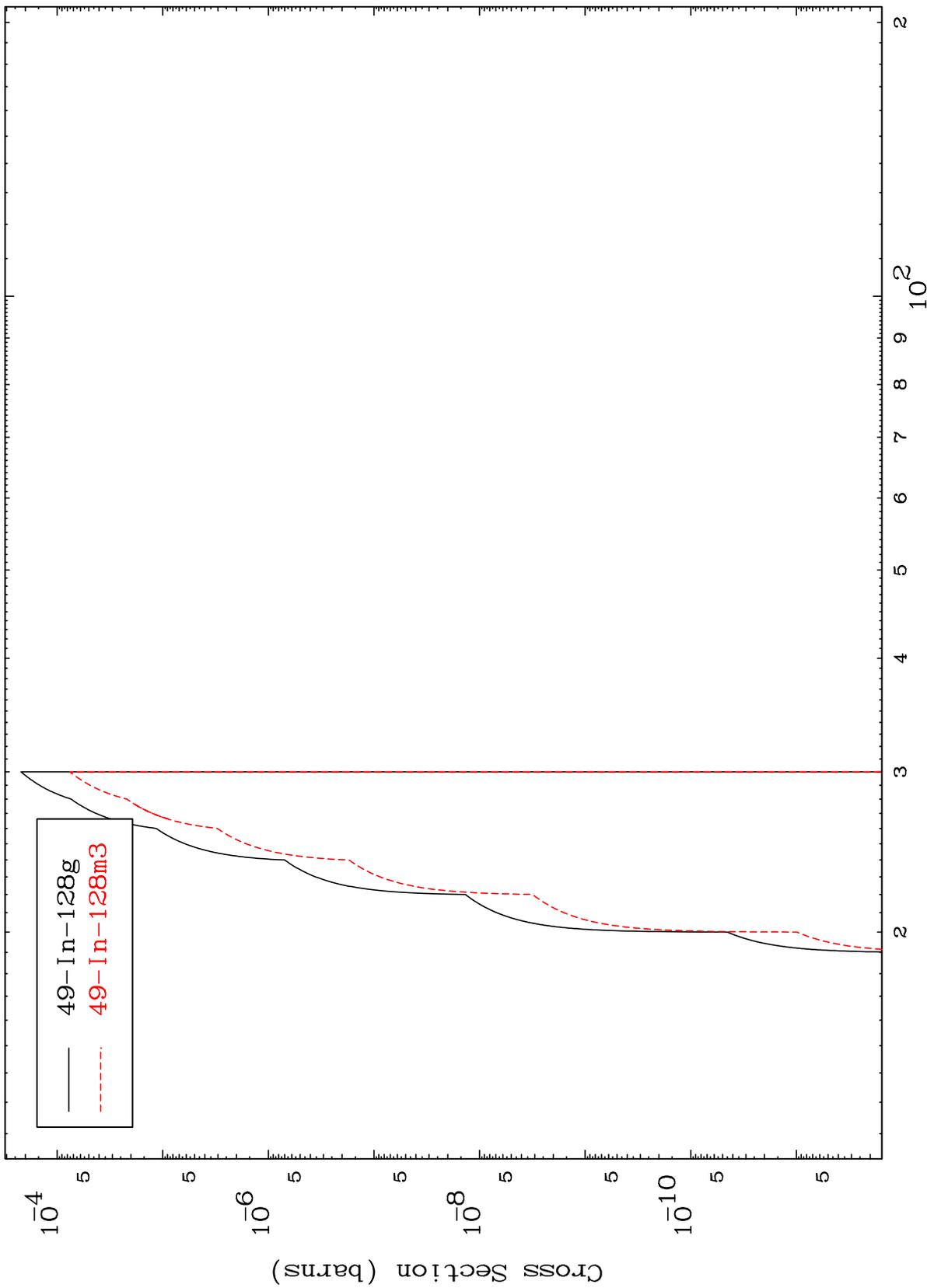
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

Radionuclide Production Cross Section
(p,He-3)



Incident Energy (MeV)

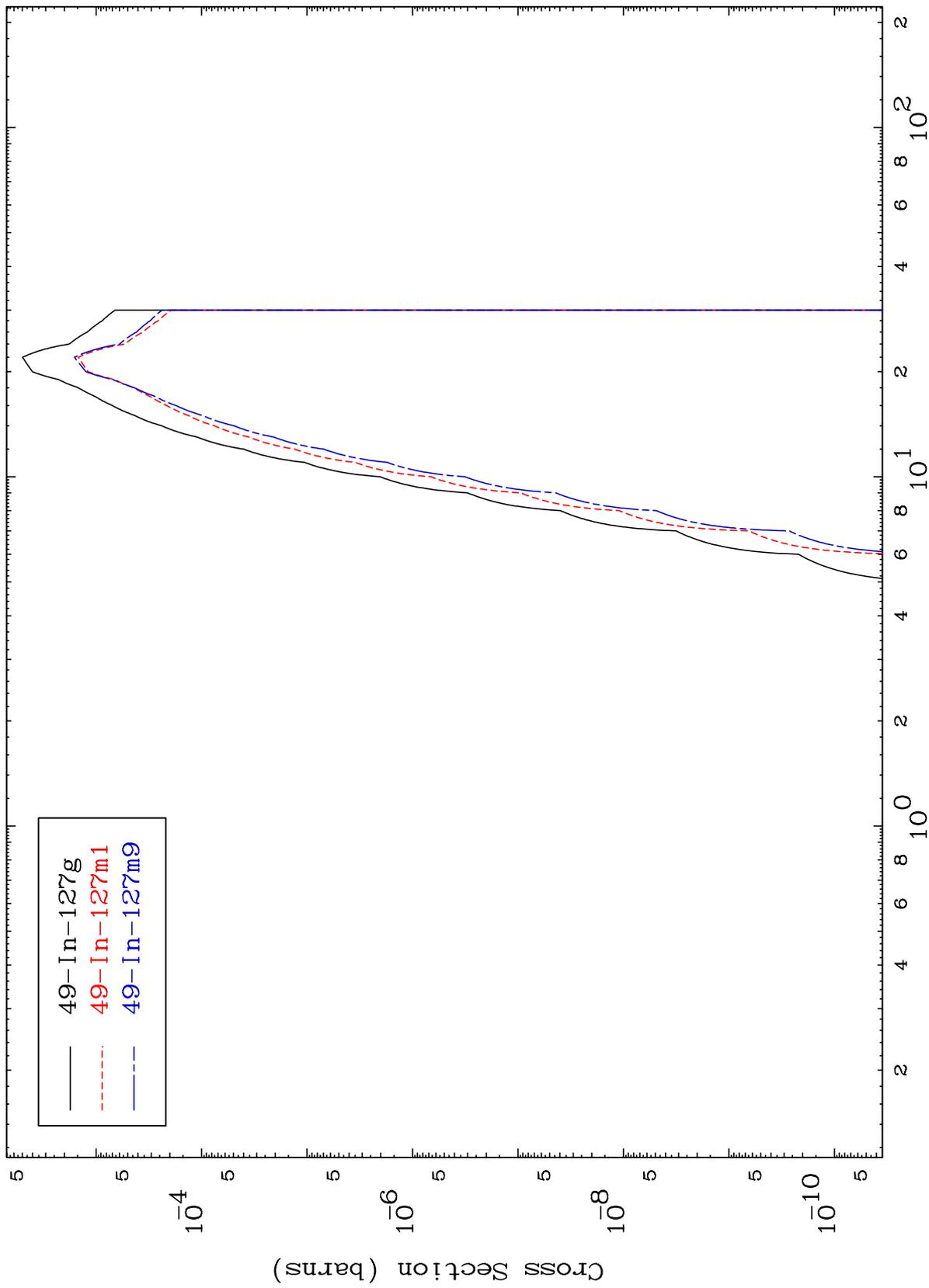
50-Sn-130

29

MAT 5080

50-Sn-130

Radionuclide Production Cross Section
(p, α)



30

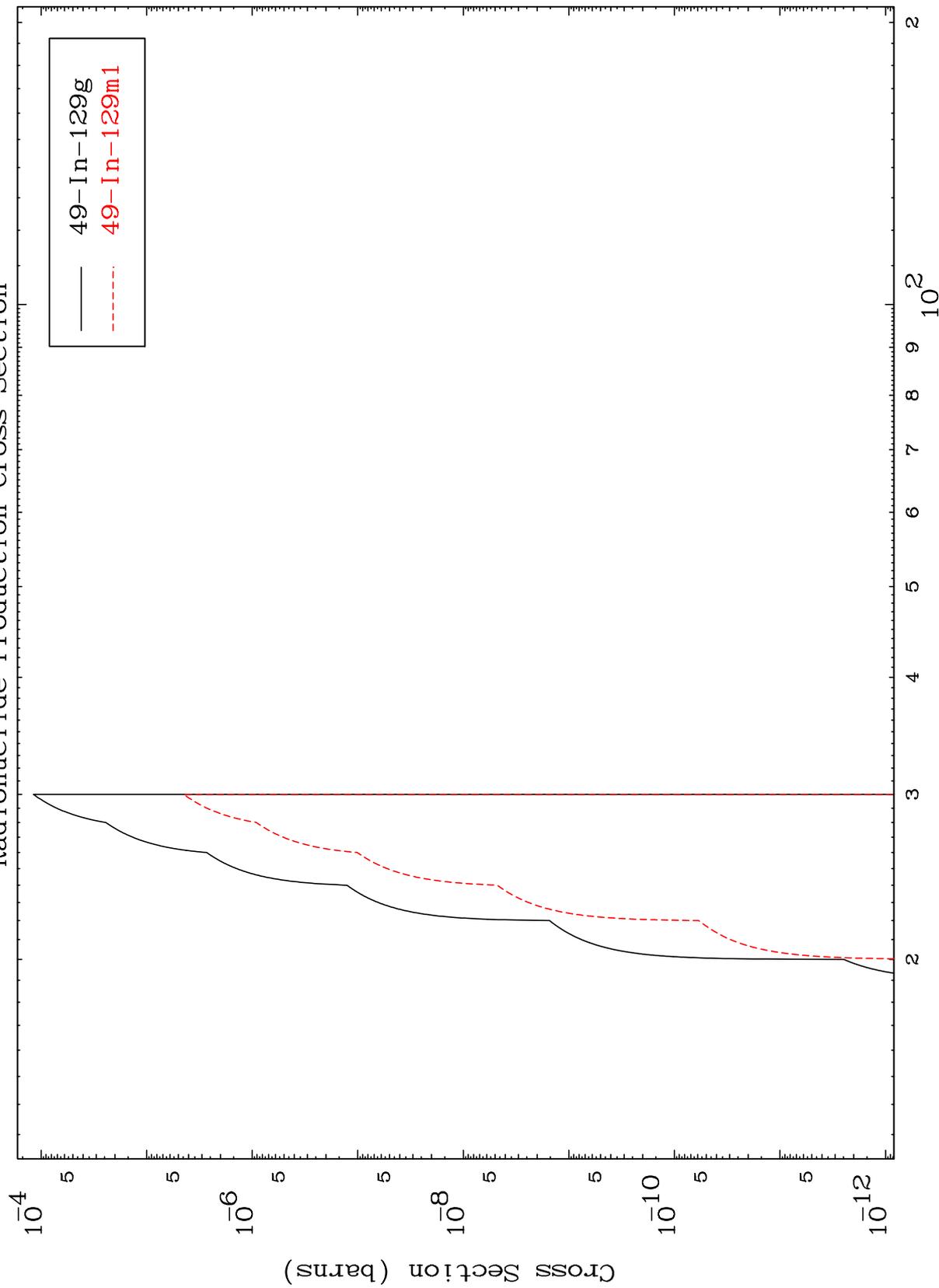
50-Sn-130

Incident Energy (MeV)

MAT 5080

50-Sn-130

(p,2p)
Radionuclide Production Cross Section



49-In-129g
49-In-129m1

Incident Energy (MeV)

50-Sn-130

31