

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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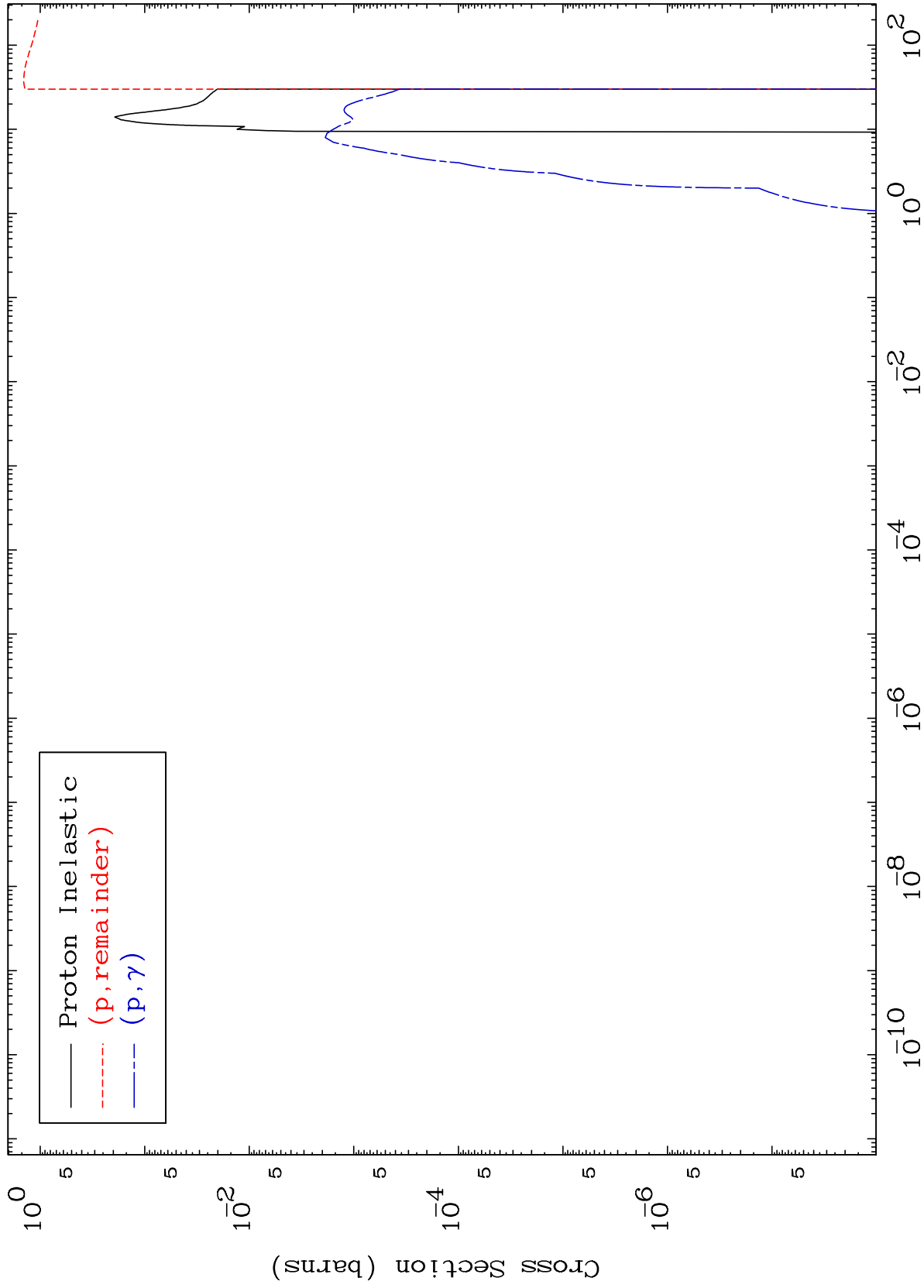
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5019

Proton Major
0 Kelvin Cross Sections

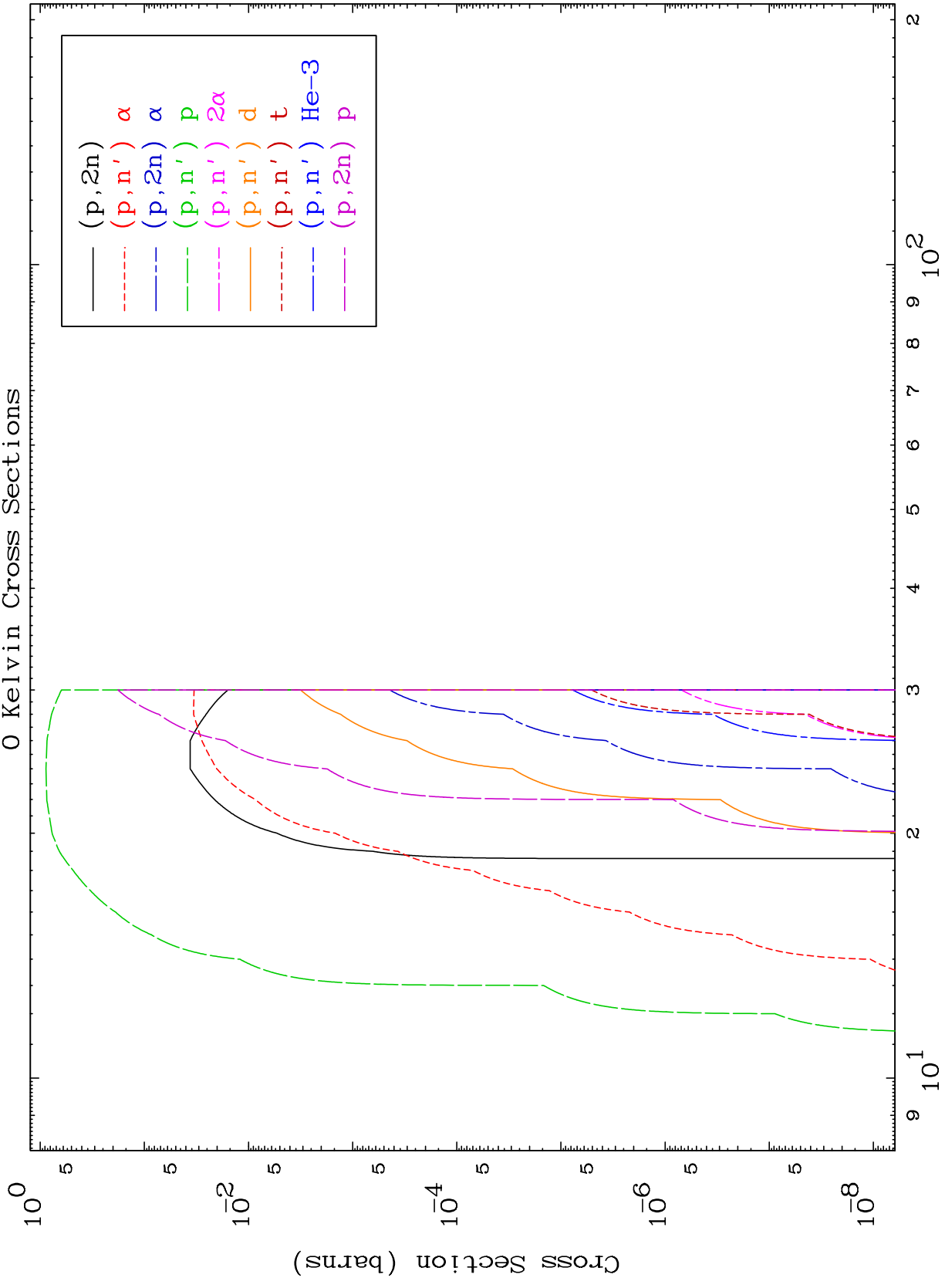
50-Sn-110



MAT 5019

Proton Neutron Production
0 Kelvin Cross Sections

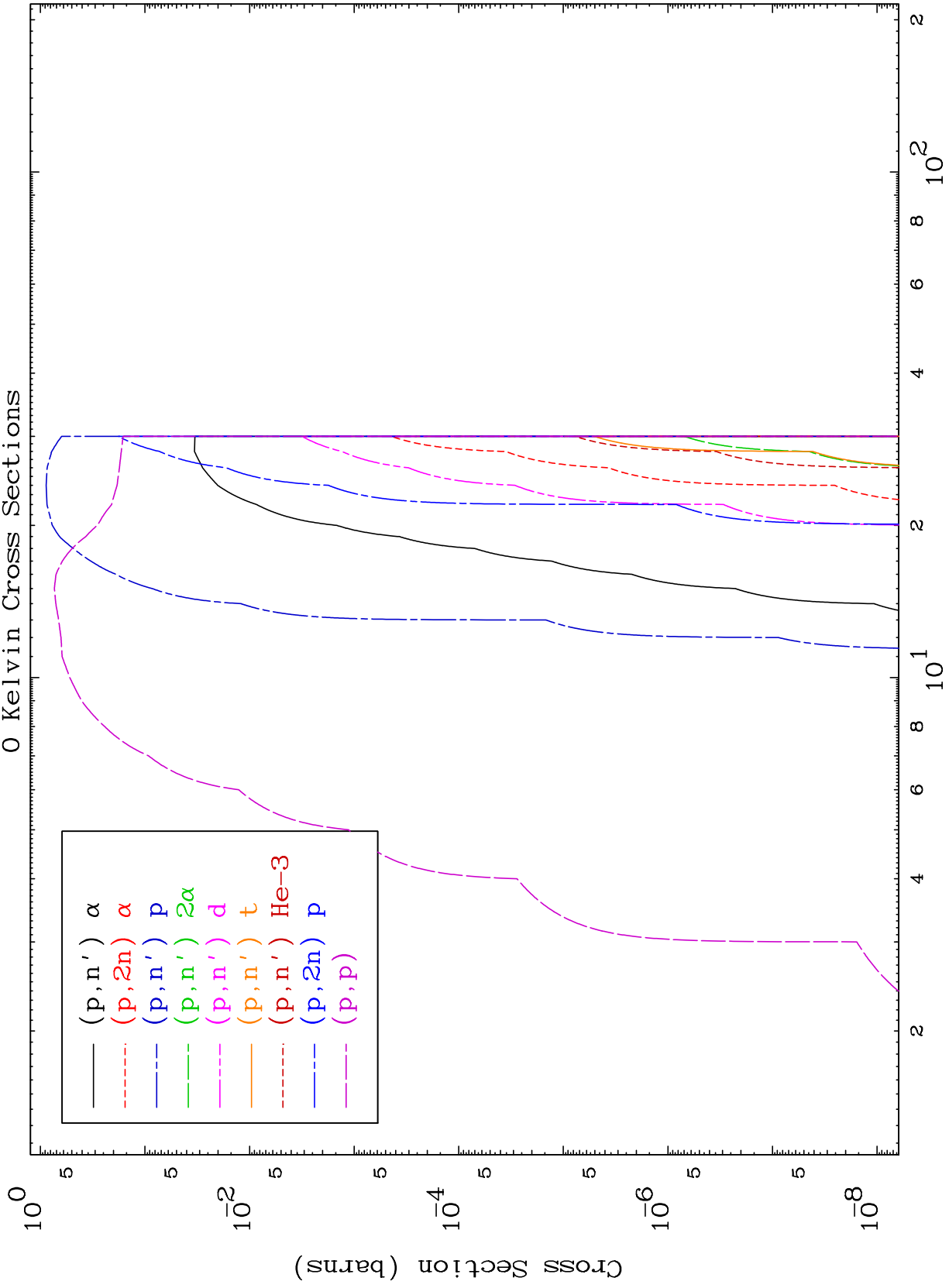
50-Sn-110



2

Incident Energy (MeV)

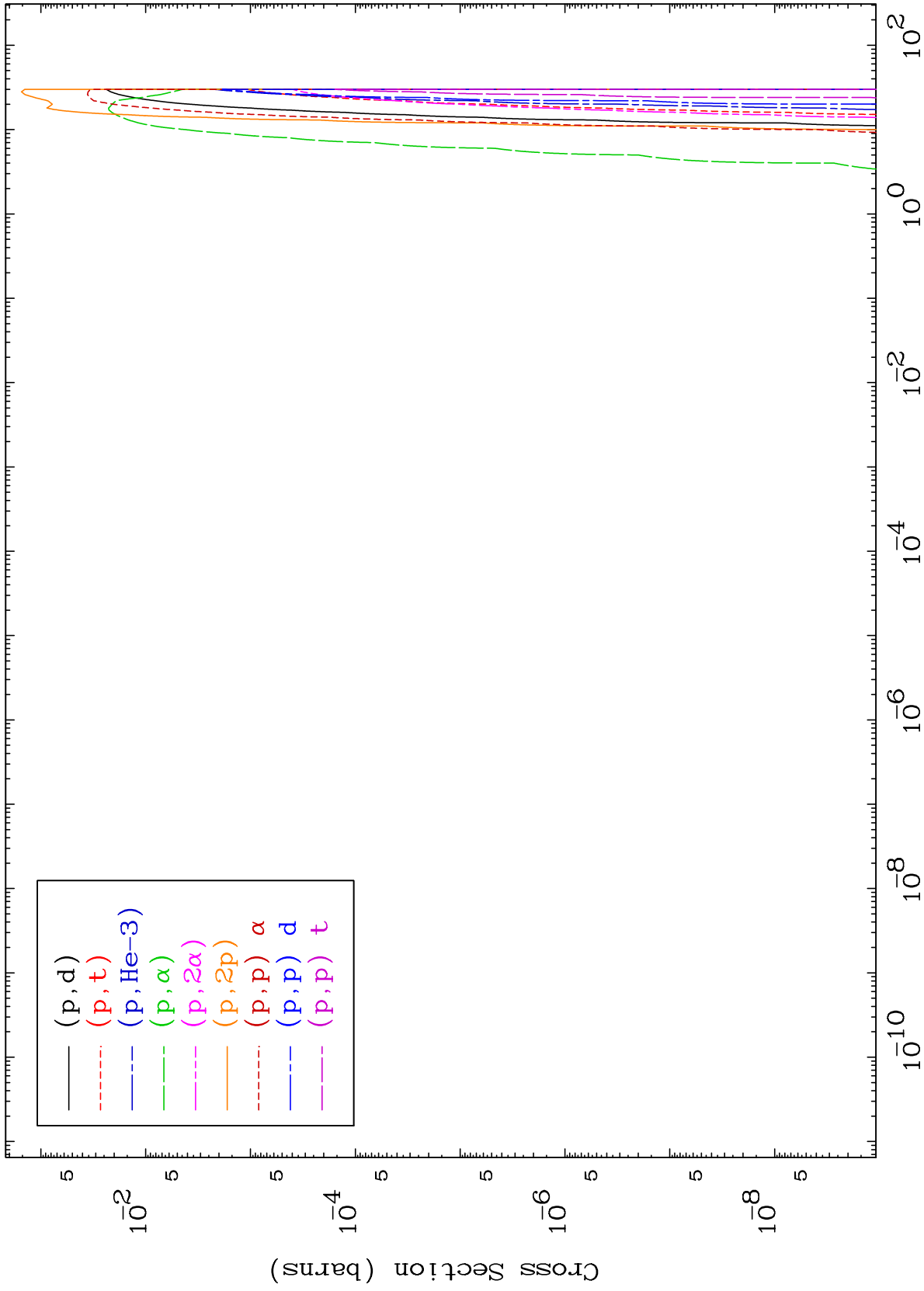
50-Sn-110



MAT 5019

Proton Charged Particle
0 Kelvin Cross Sections

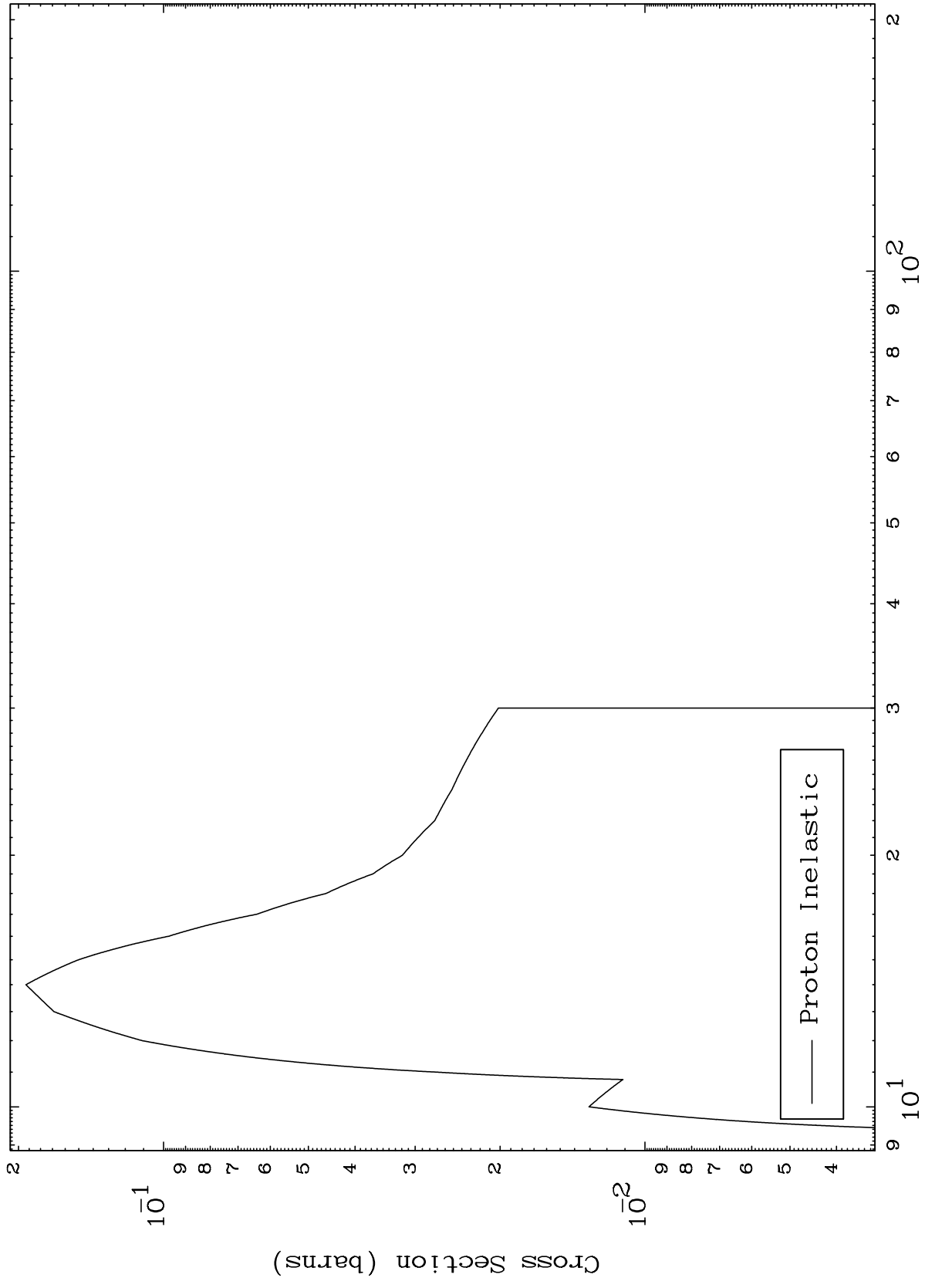
50-Sn-110



MAT 5019

(p,n') Level
0 Kelvin Cross Sections

50-Sn-110



Proton Inelastic

5

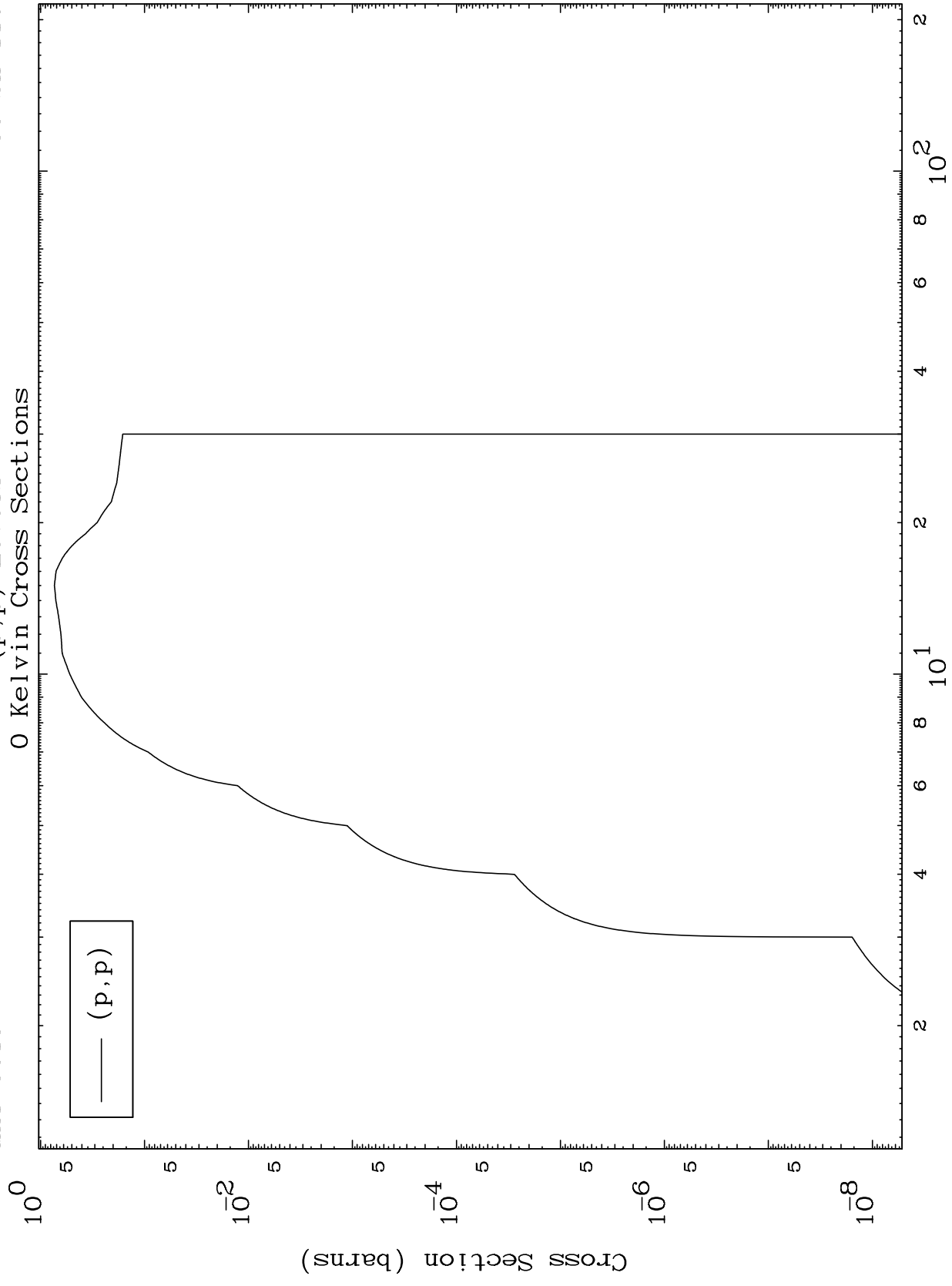
Incident Energy (MeV)

50-Sn-110

MAT 5019

(p,p) Levels
0 Kelvin Cross Sections

50-Sn-110



6

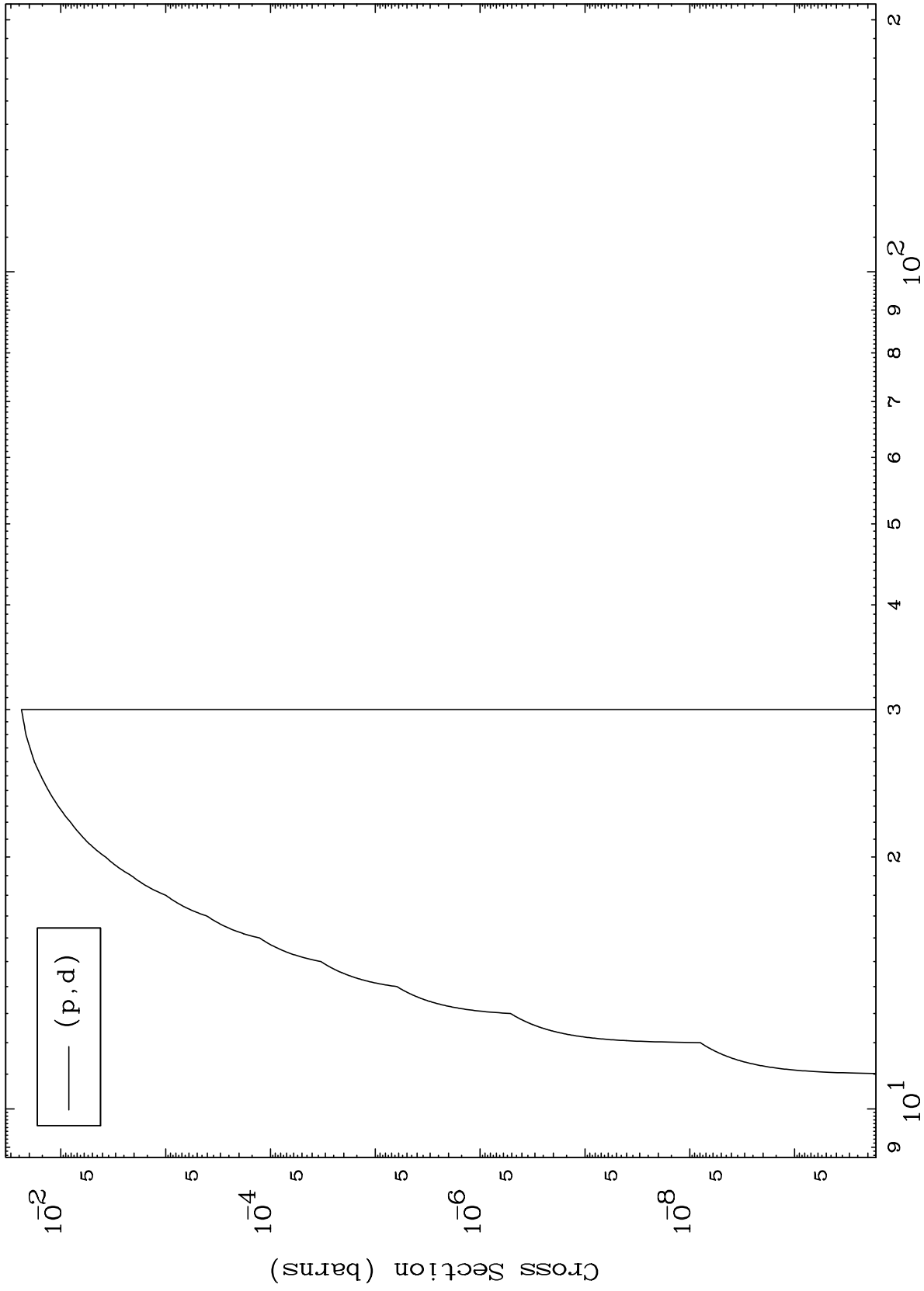
Incident Energy (MeV)

50-Sn-110

MAT 5019

(p,d) Levels
0 Kelvin Cross Sections

50-Sn-110



7

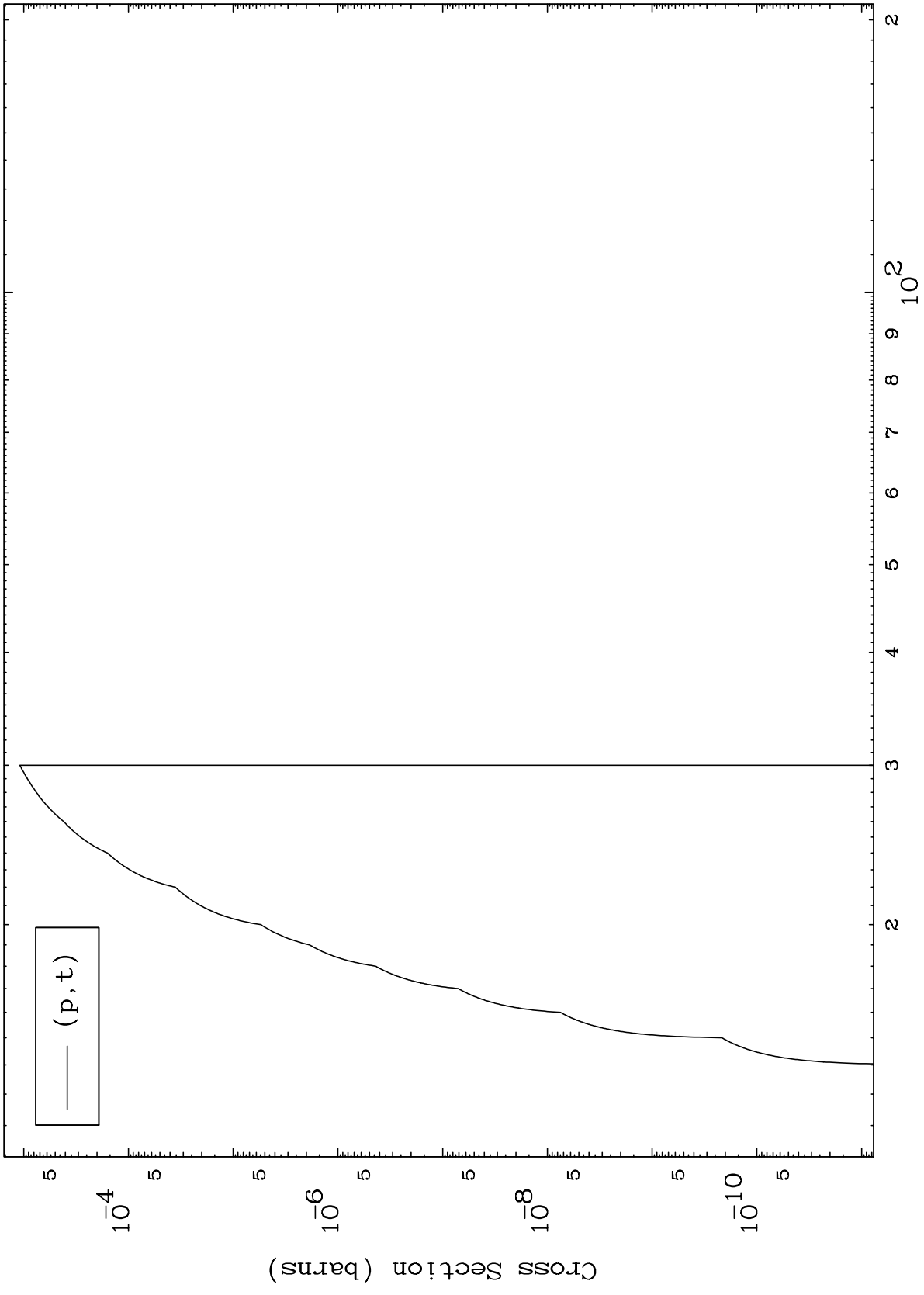
Incident Energy (MeV)

50-Sn-110

MAT 5019

(p,t) Levels
0 Kelvin Cross Sections

50-Sn-110



8

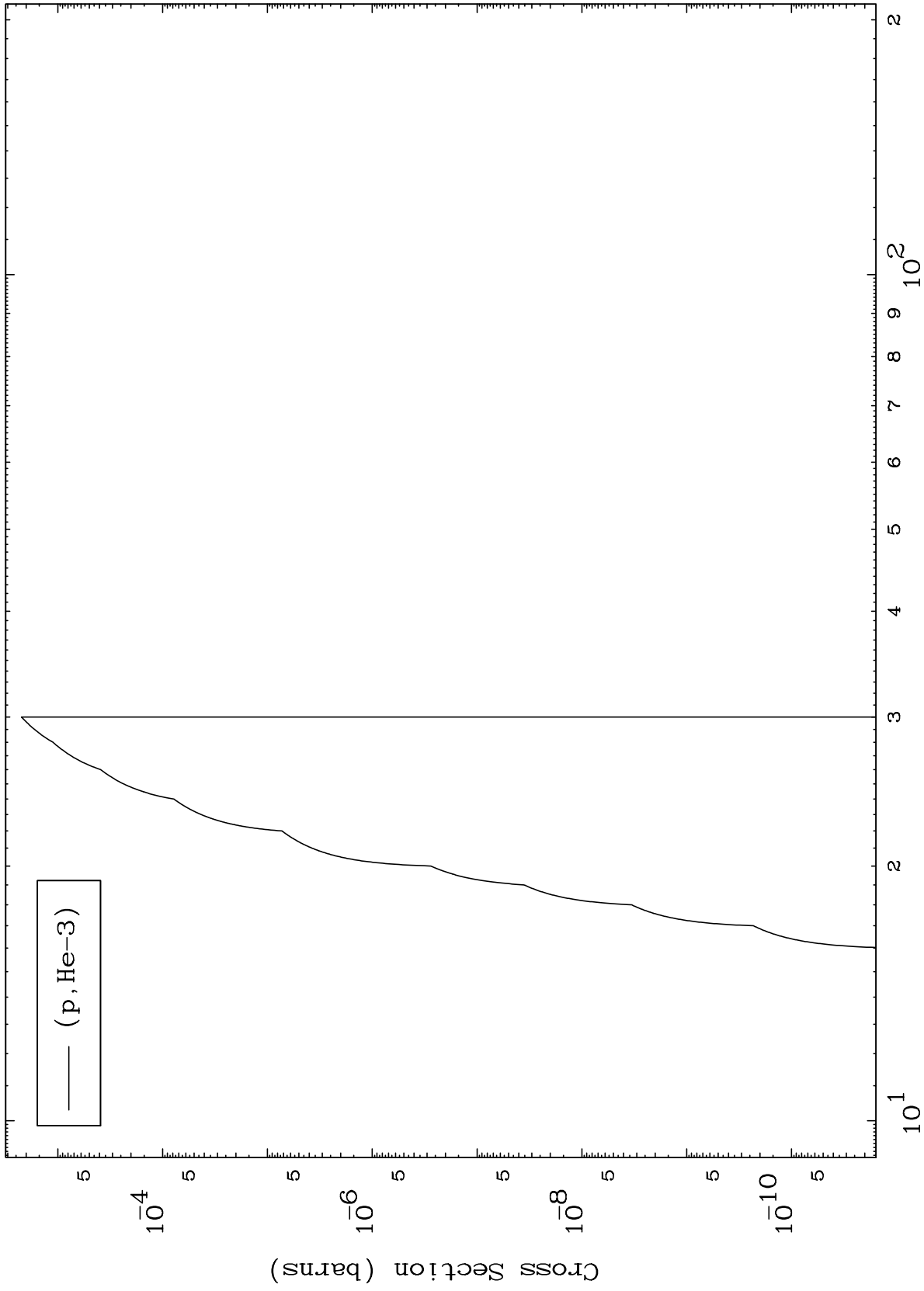
Incident Energy (MeV)

50-Sn-110

MAT 5019

(p,He3) Levels
0 Kelvin Cross Sections

50-Sn-110



9

Incident Energy (MeV)

50-Sn-110

10^2

10^1

10^{-10}

10^{-8}

10^{-6}

10^{-4}

2

2

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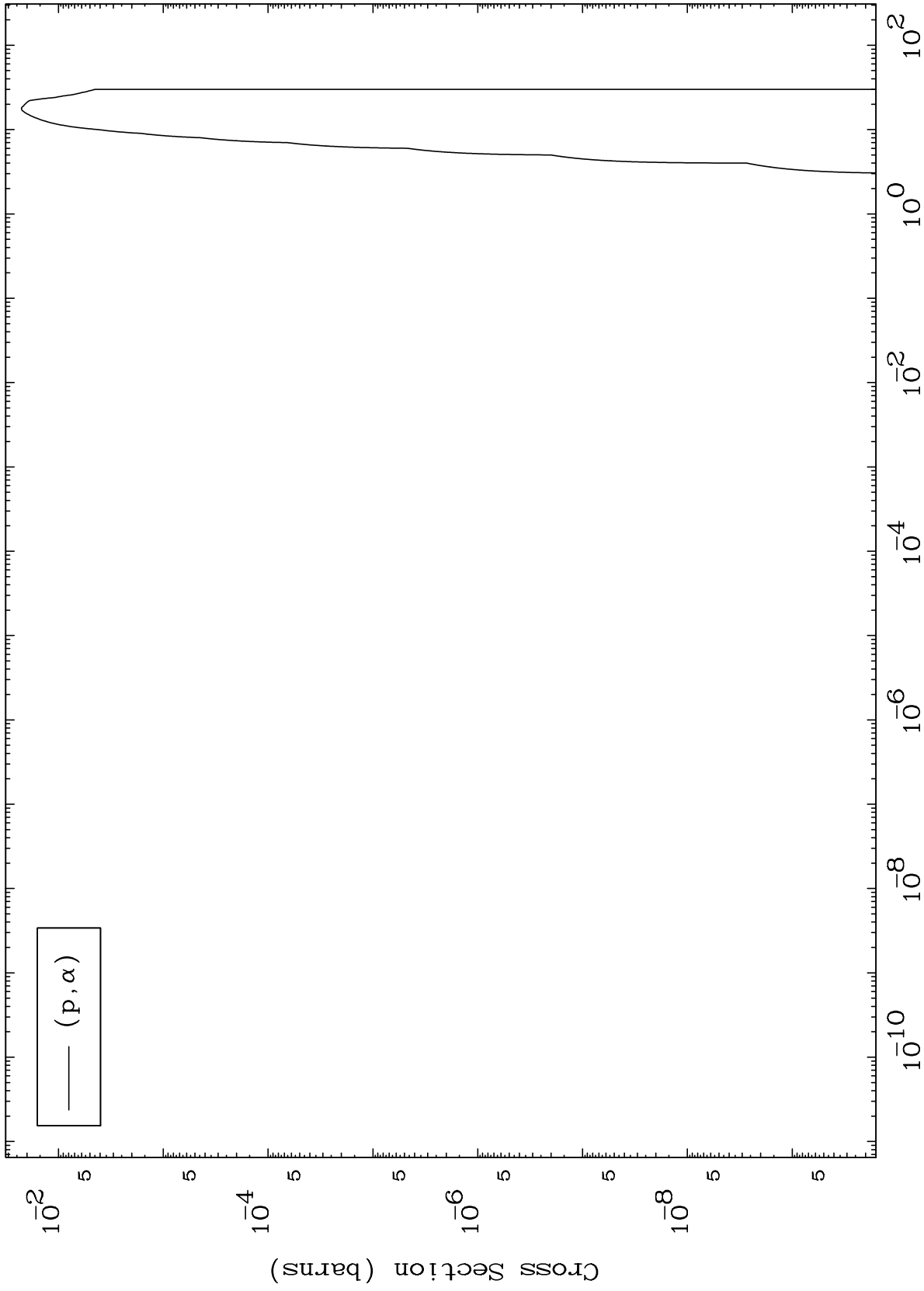
5

5

MAT 5019

(p,α) Levels
0 Kelvin Cross Sections

50-Sn-110



10

Incident Energy (MeV)

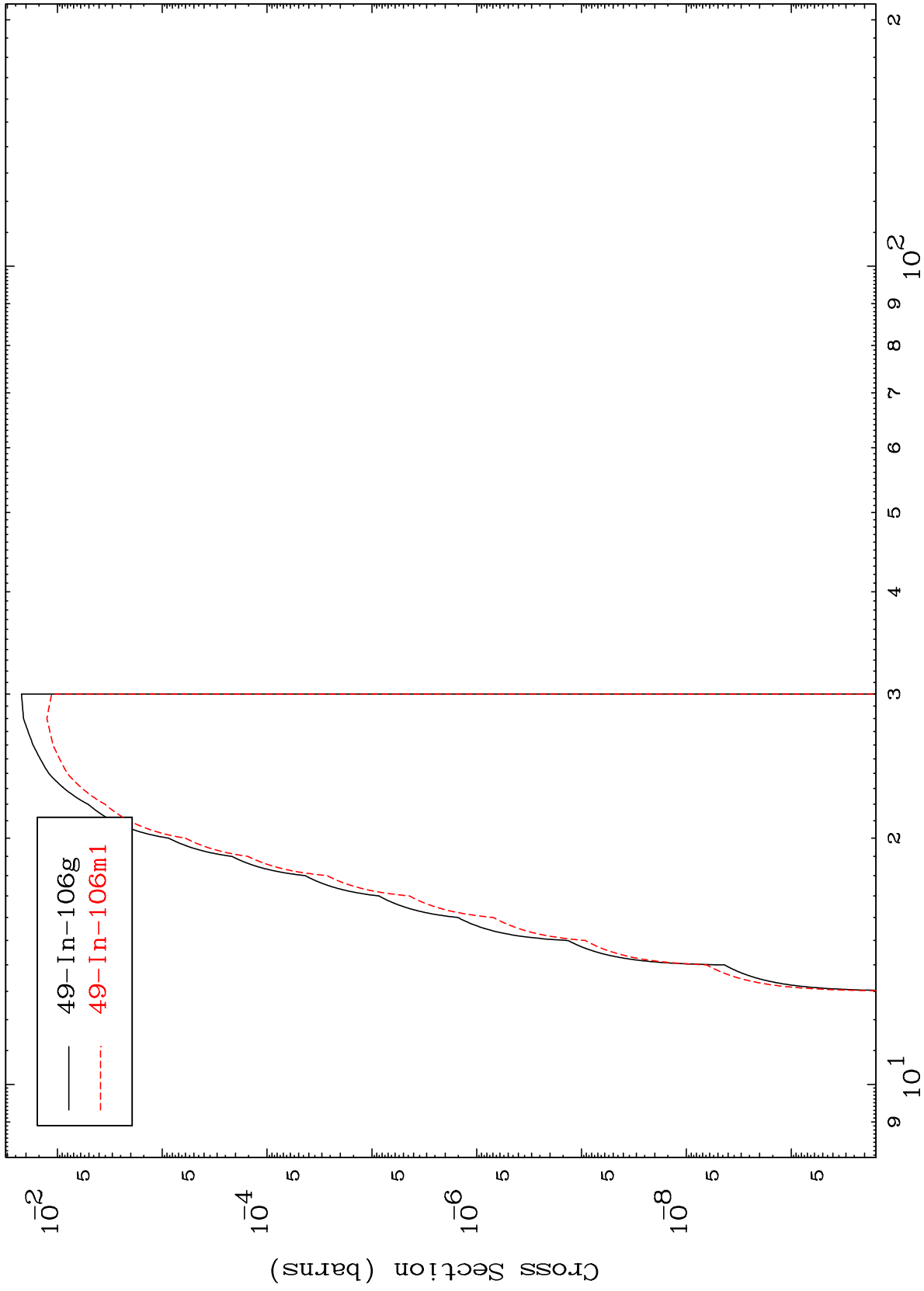
50-Sn-110

MAT 5019

(p,n') α

50-Sn-110

Radionuclide Production Cross Section



11

Incident Energy (MeV)

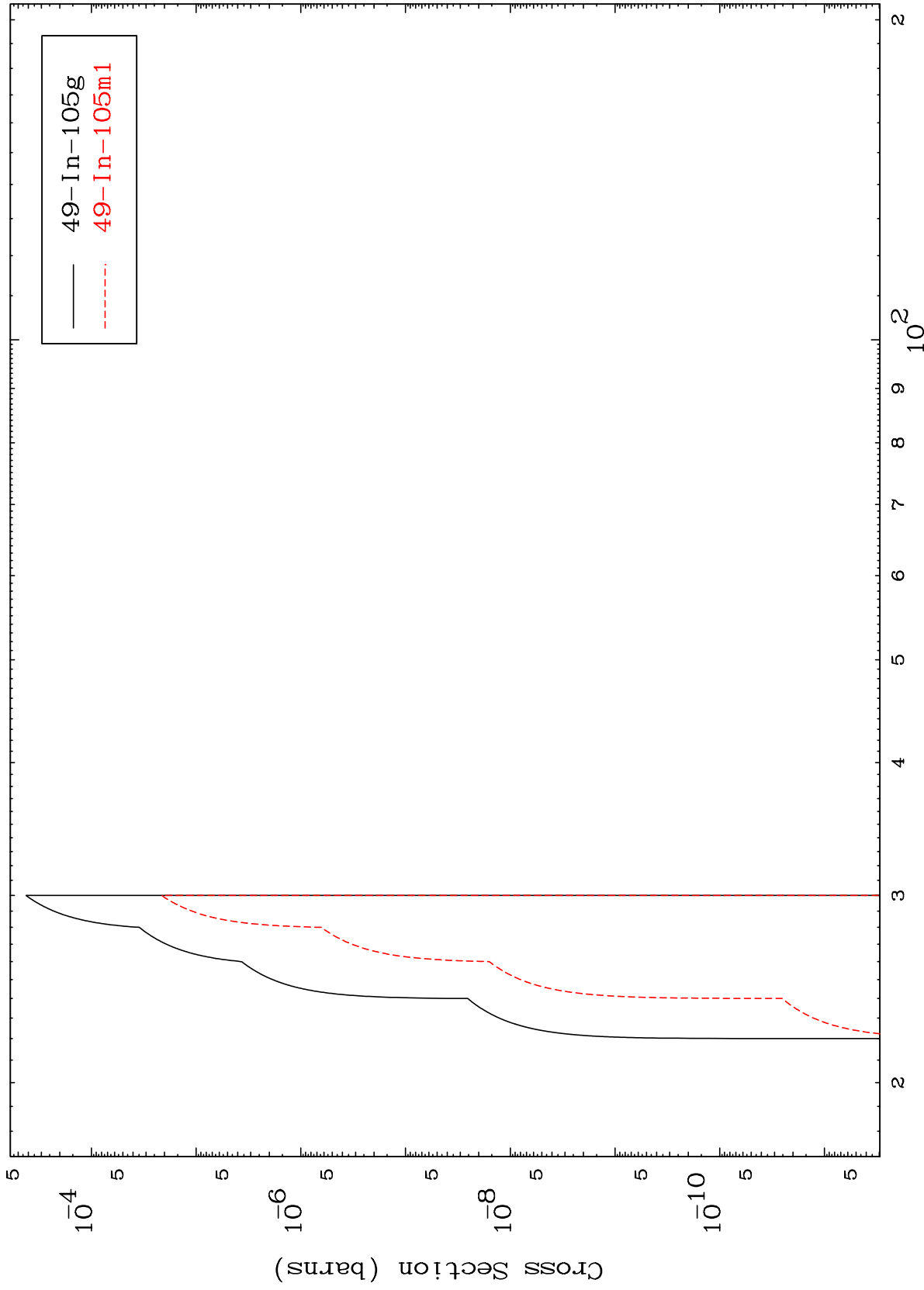
50-Sn-110

MAT 5019

(p,2n) α

50-Sn-110

Radionuclide Production Cross Section



12

Incident Energy (MeV)

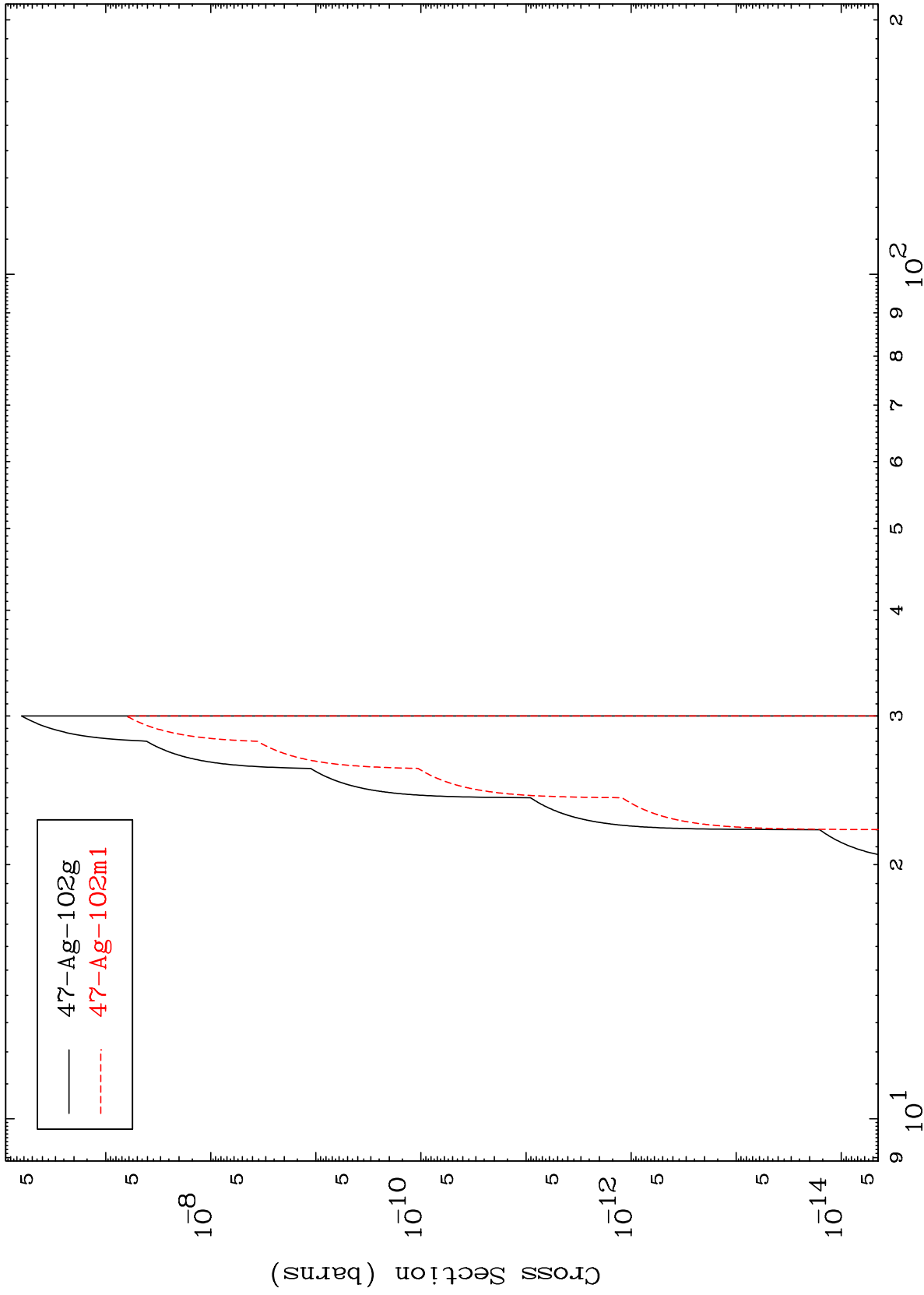
50-Sn-110

MAT 5019

(p,n') 2 α

50-Sn-110

Radionuclide Production Cross Section



47-Ag-102g
47-Ag-102m1

13

Incident Energy (MeV)

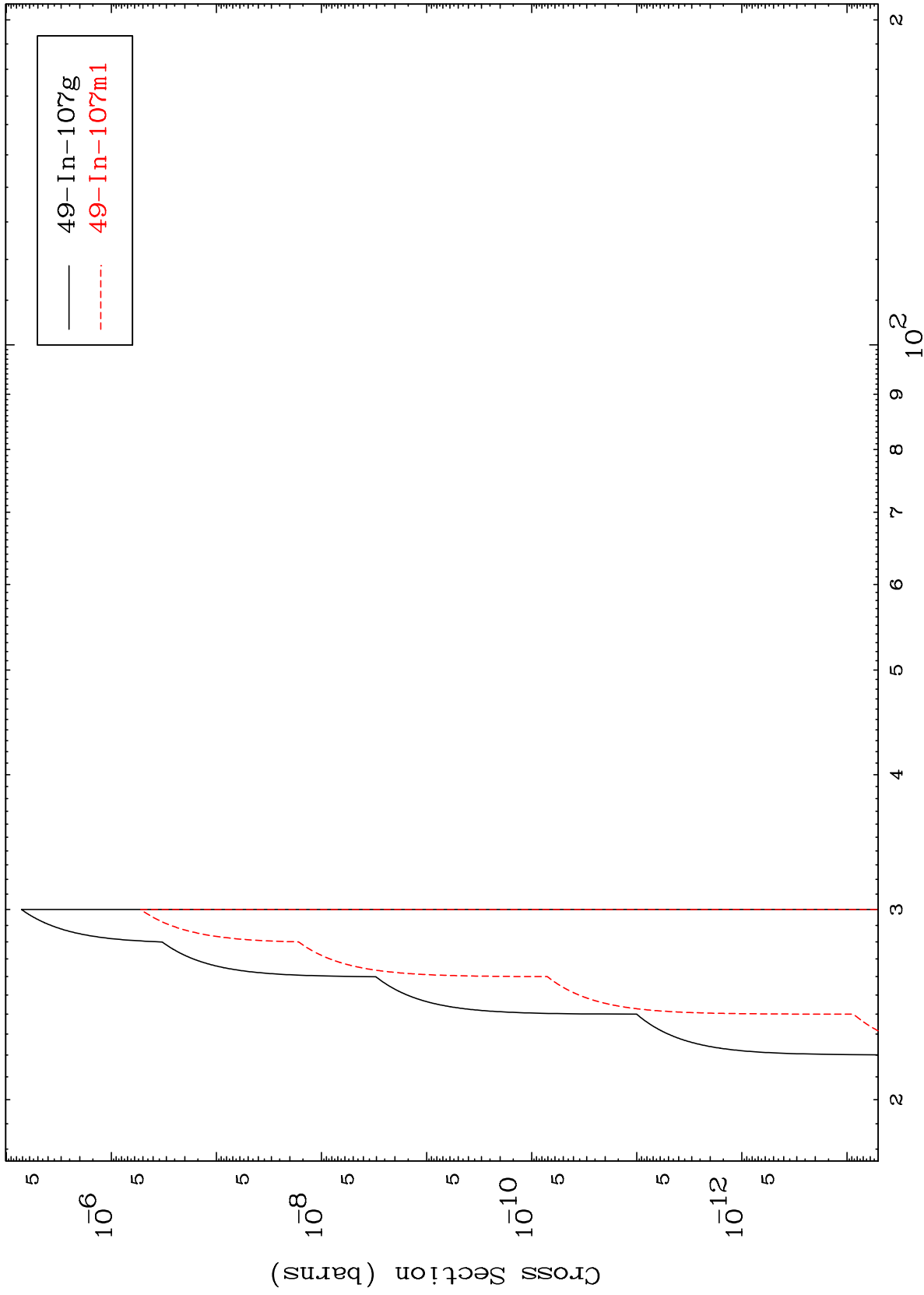
50-Sn-110

MAT 5019

(p,n') He-3

50-Sn-110

Radionuclide Production Cross Section



14

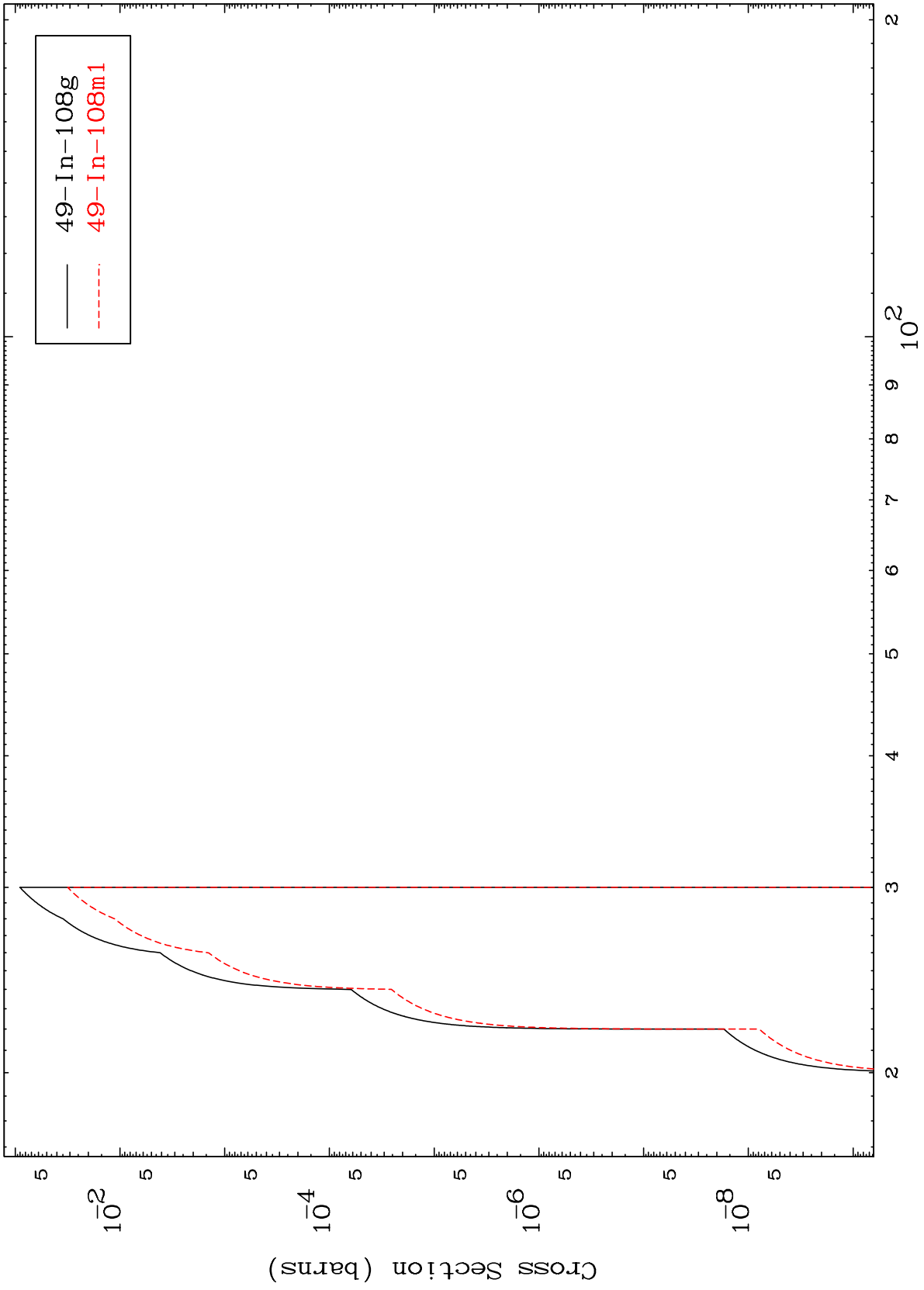
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

(p,2n) p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

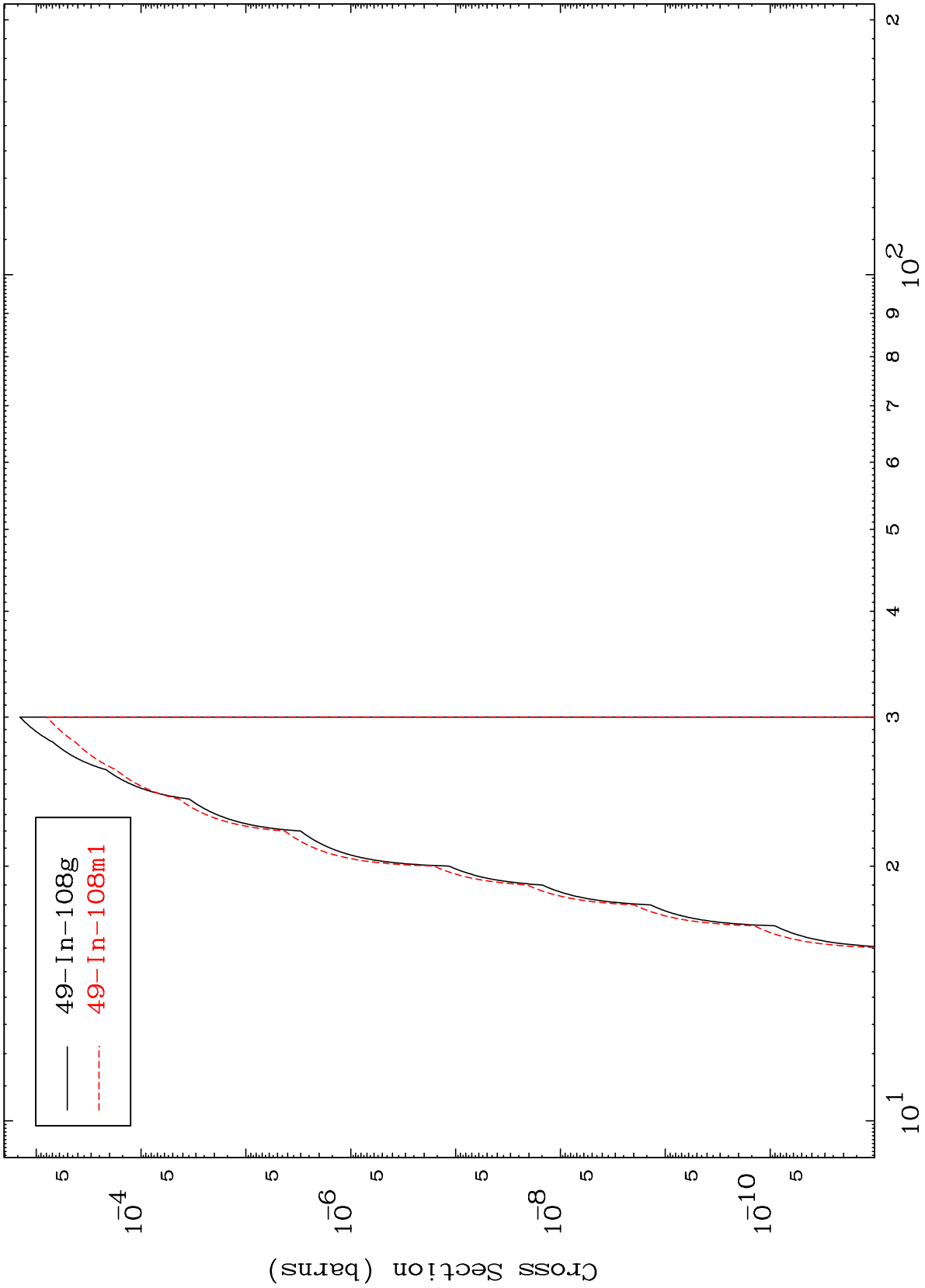
50-Sn-110

MAT 5019

(p,He-3)

50-Sn-110

Radionuclide Production Cross Section



16

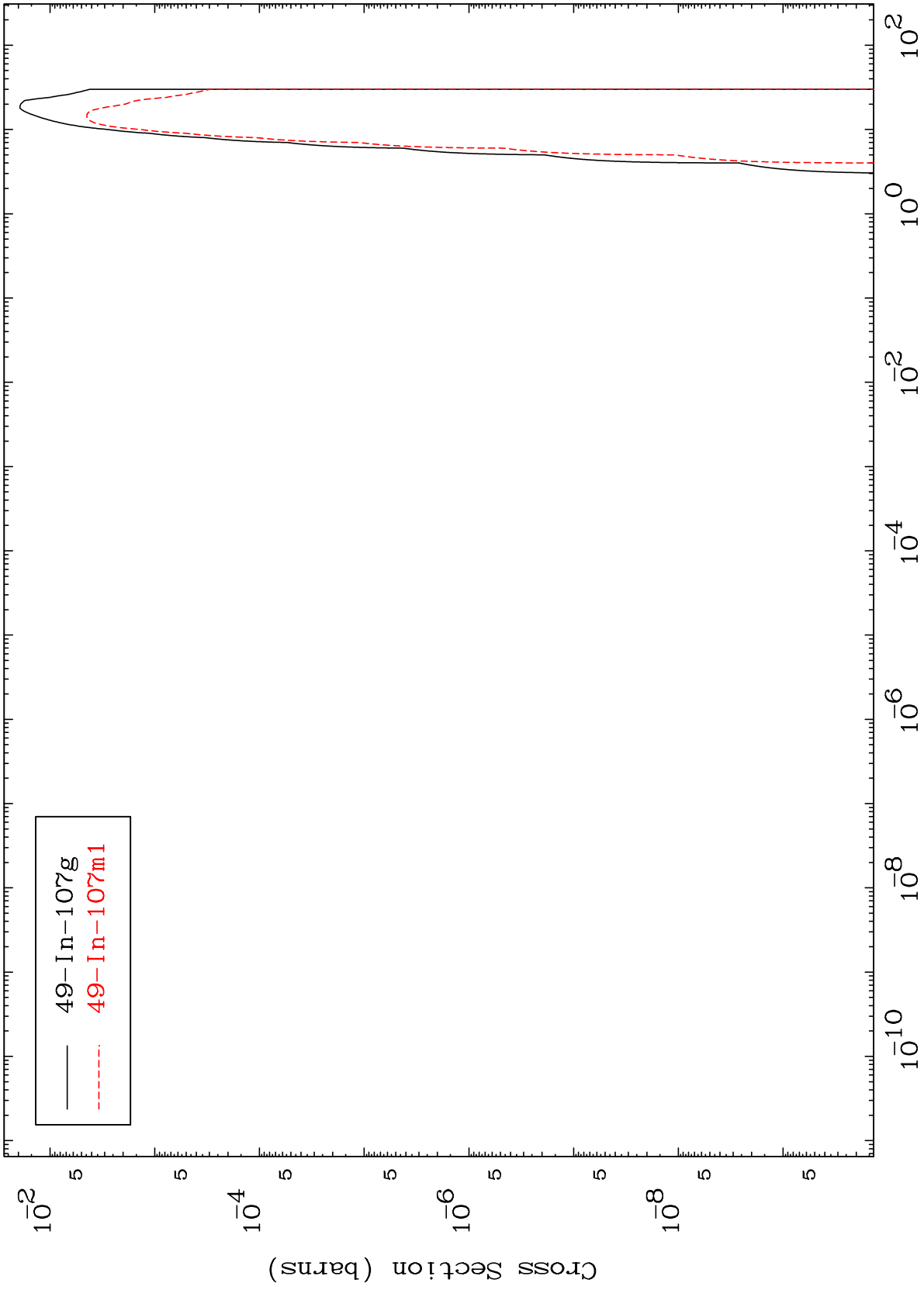
Incident Energy (MeV)

50-Sn-110

MAT 5019

Radionuclide Production Cross Section
(p, α)

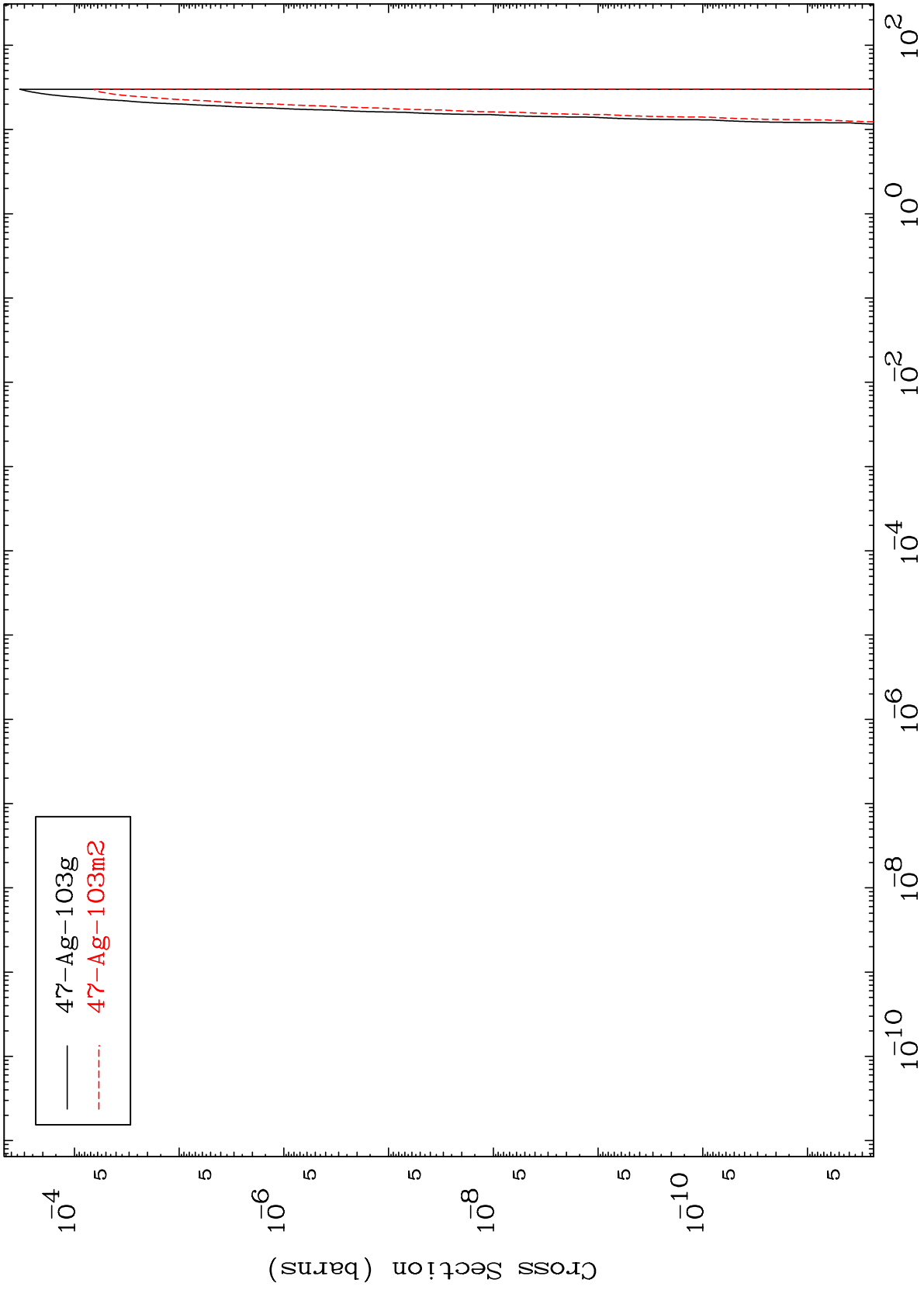
50-Sn-110



MAT 5019

Radionuclide Production Cross Section
(p,2α)

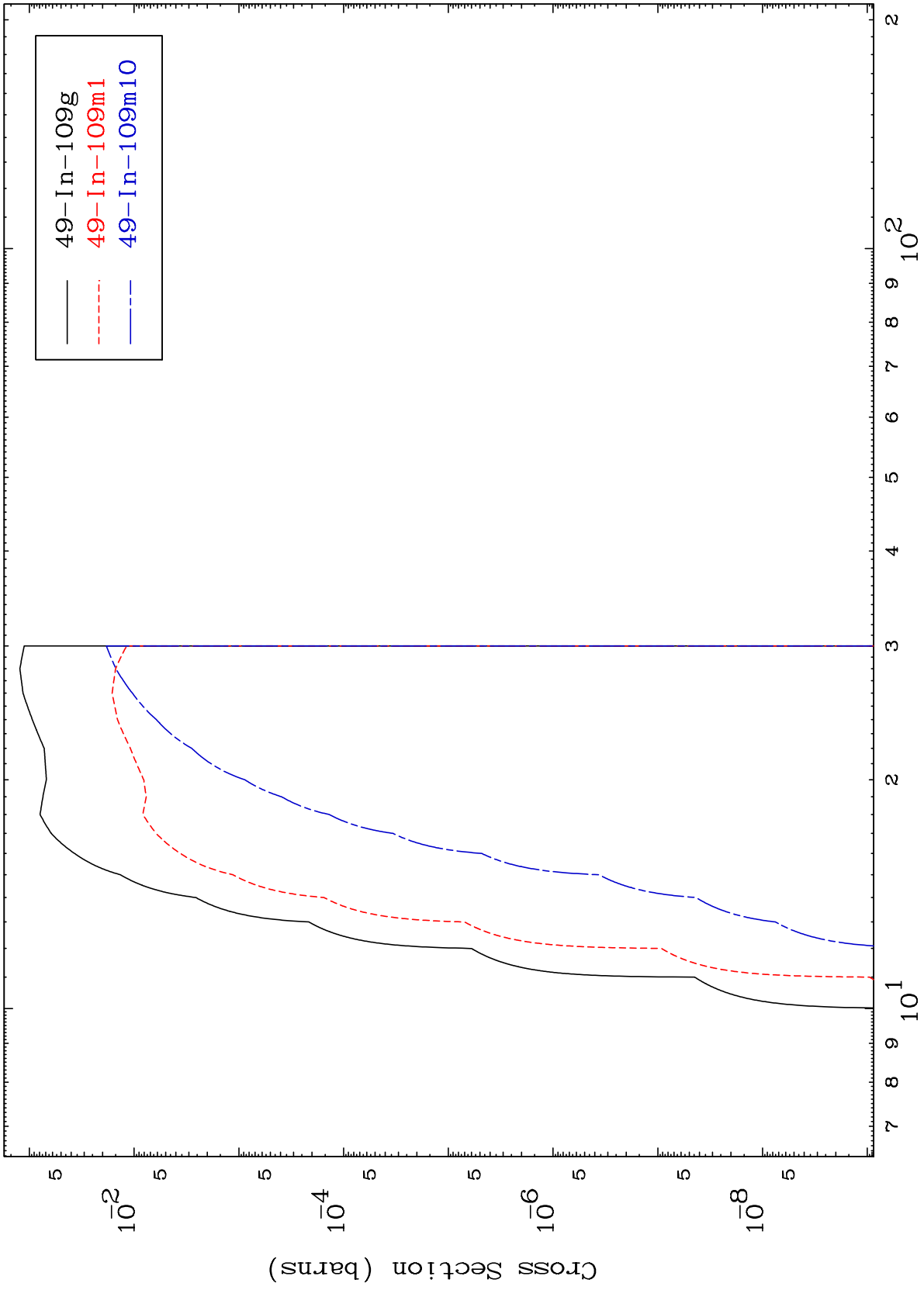
50-Sn-110



MAT 5019

50-Sn-110

(p,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

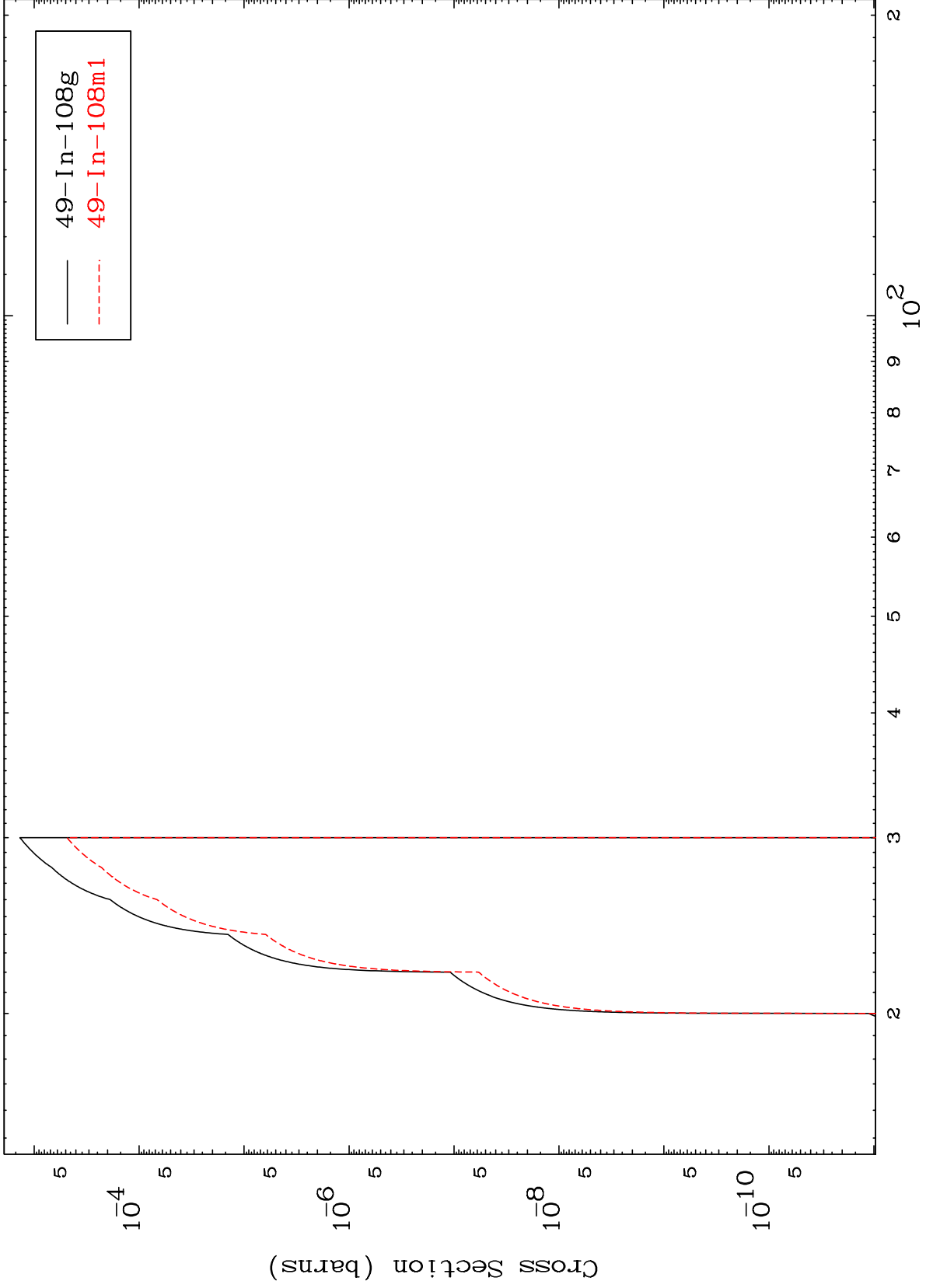
50-Sn-110

MAT 5019

(p,p) d

50-Sn-110

Radionuclide Production Cross Section



20

Incident Energy (MeV)

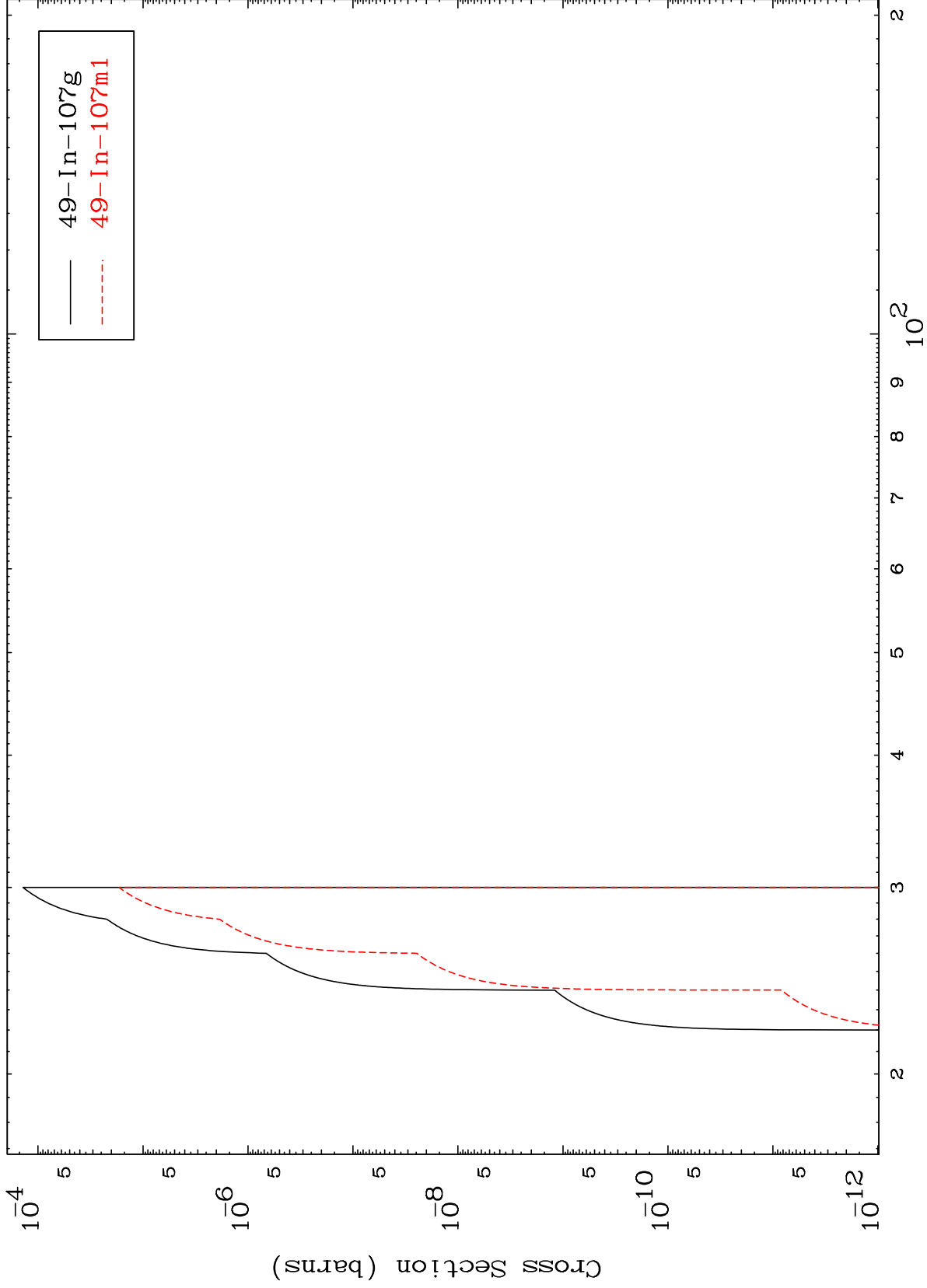
50-Sn-110

MAT 5019

(p,p) t

50-Sn-110

Radionuclide Production Cross Section



21

Incident Energy (MeV)

50-Sn-110