

Program EVALPLOT
(Version 2018-1)

by

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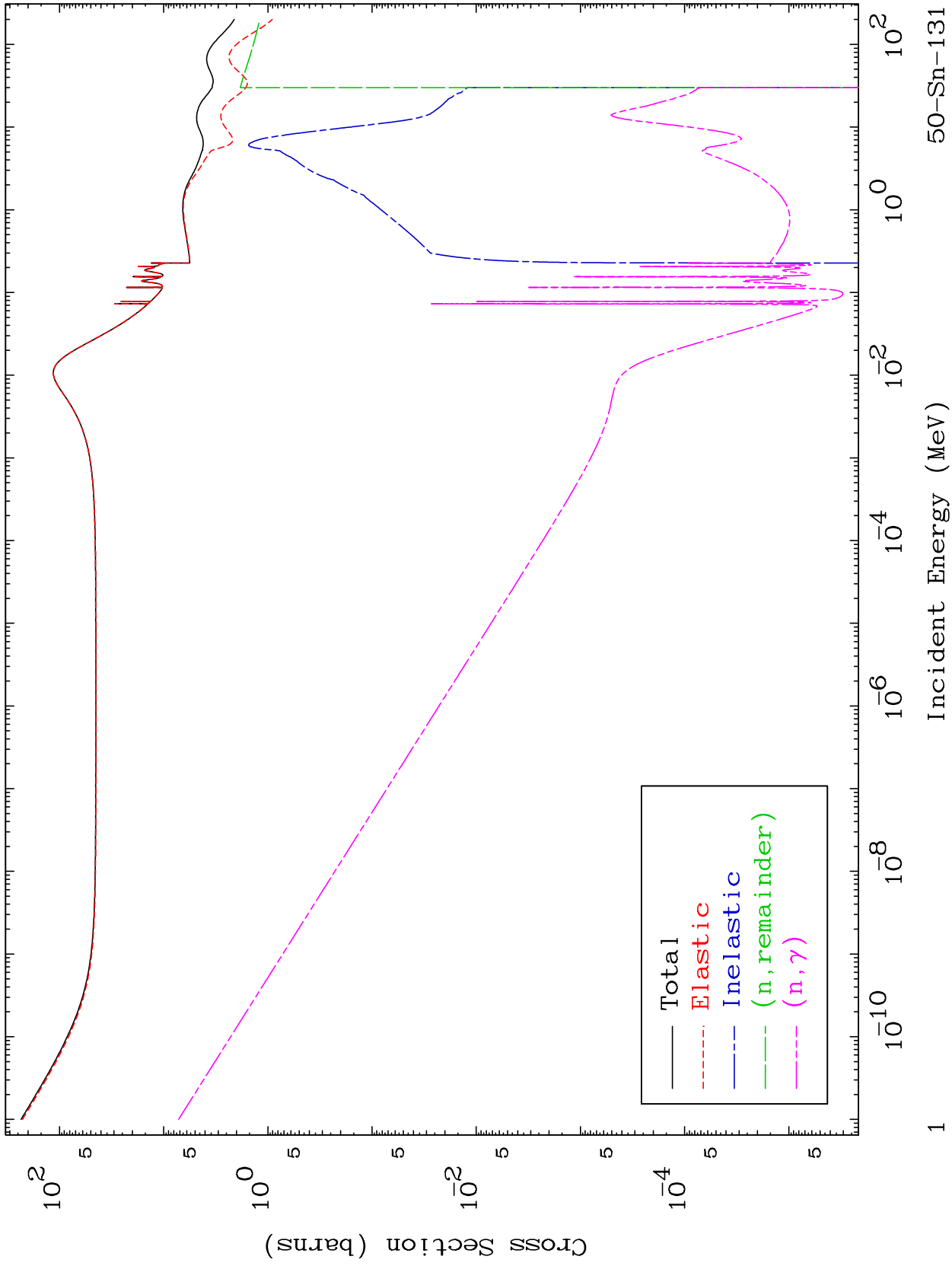
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5083

Major
293 Kelvin Cross Sections

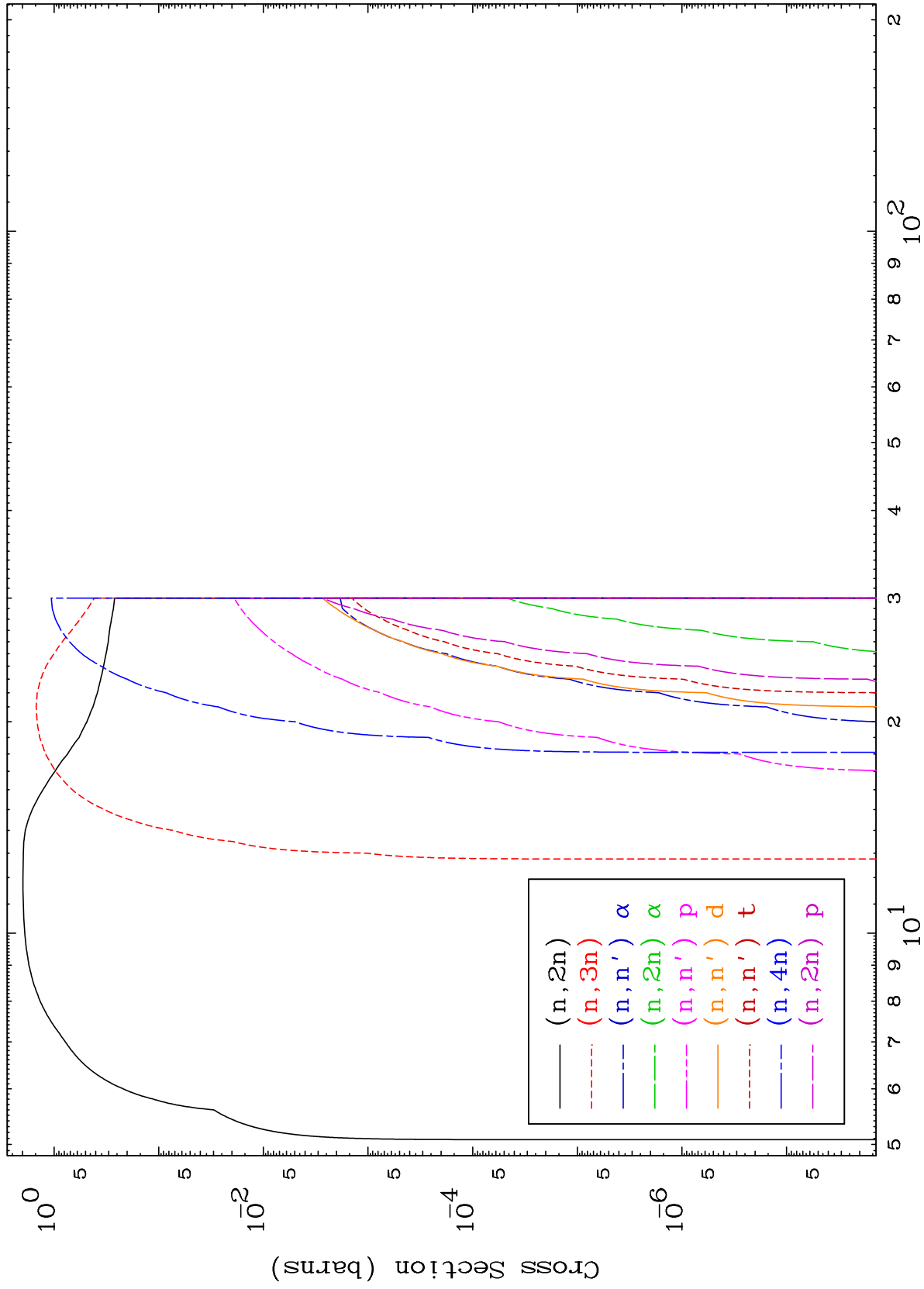
50-Sn-131



MAT 5083

Neutron Production
293 Kelvin Cross Sections

50-Sn-131



2

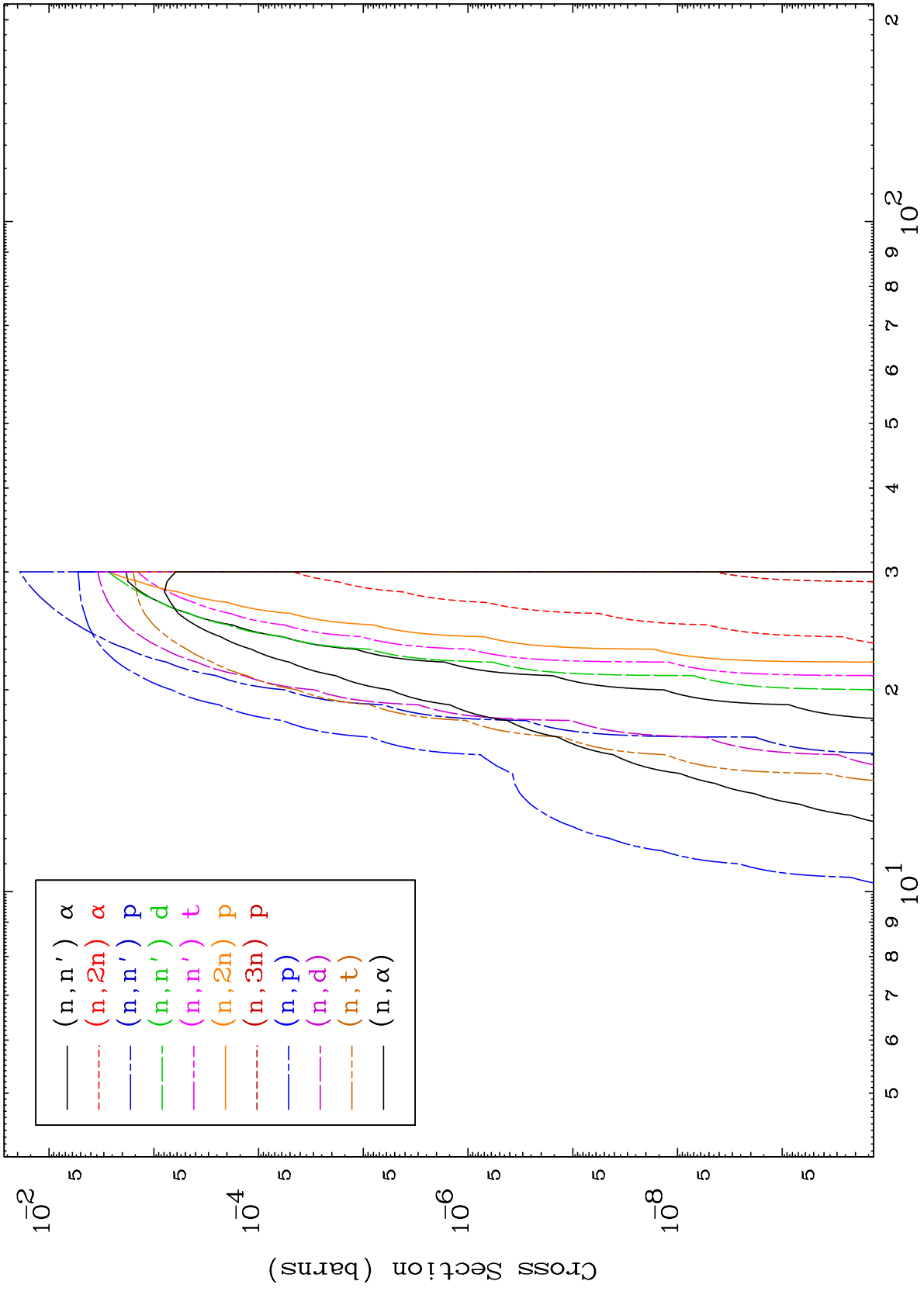
Incident Energy (MeV)

50-Sn-131

MAT 5083

Charged Particle
293 Kelvin Cross Sections

50-Sn-131

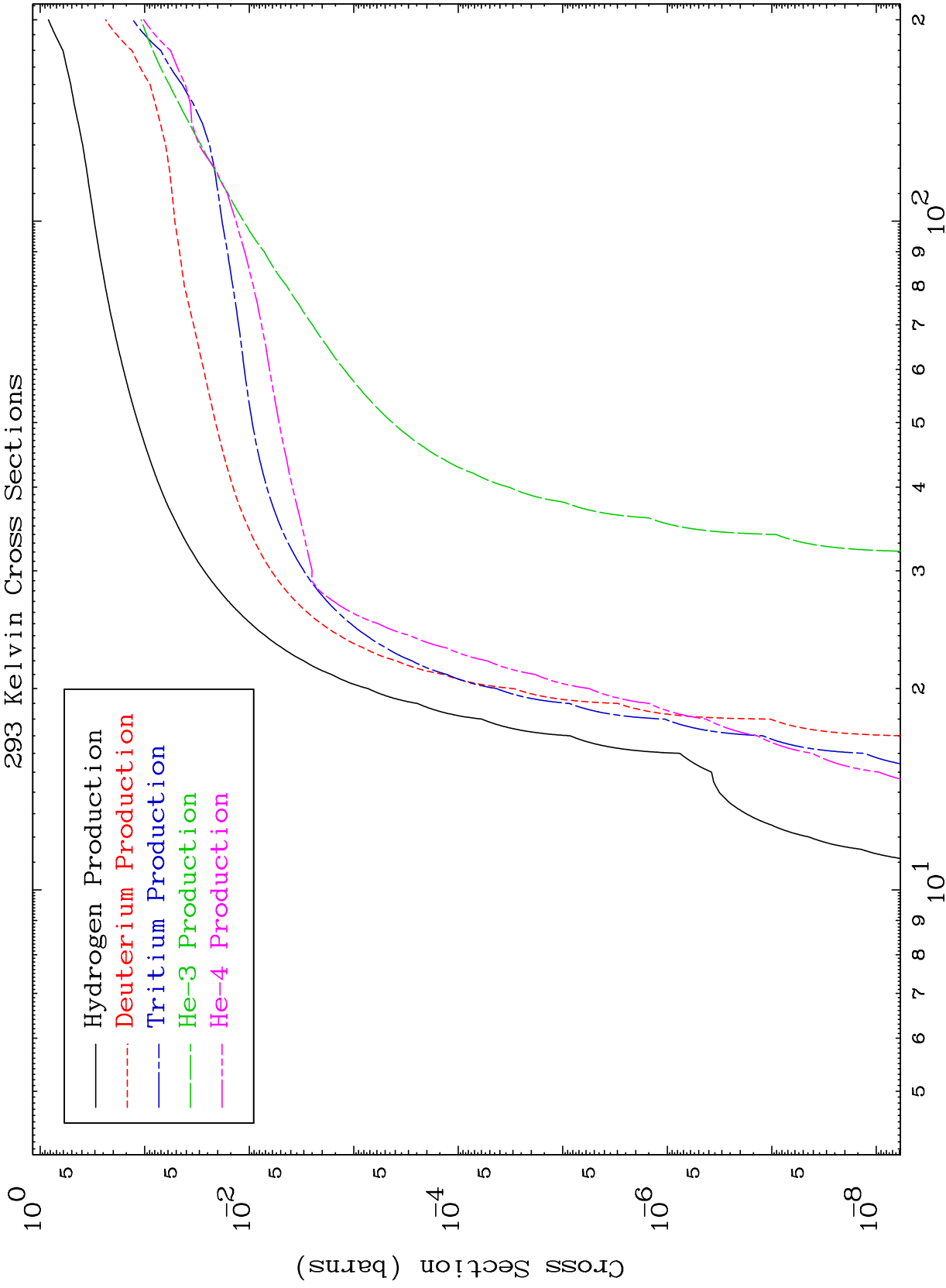


50-Sn-131

MAT 5083

Particle Production
293 Kelvin Cross Sections

50-Sn-131



4

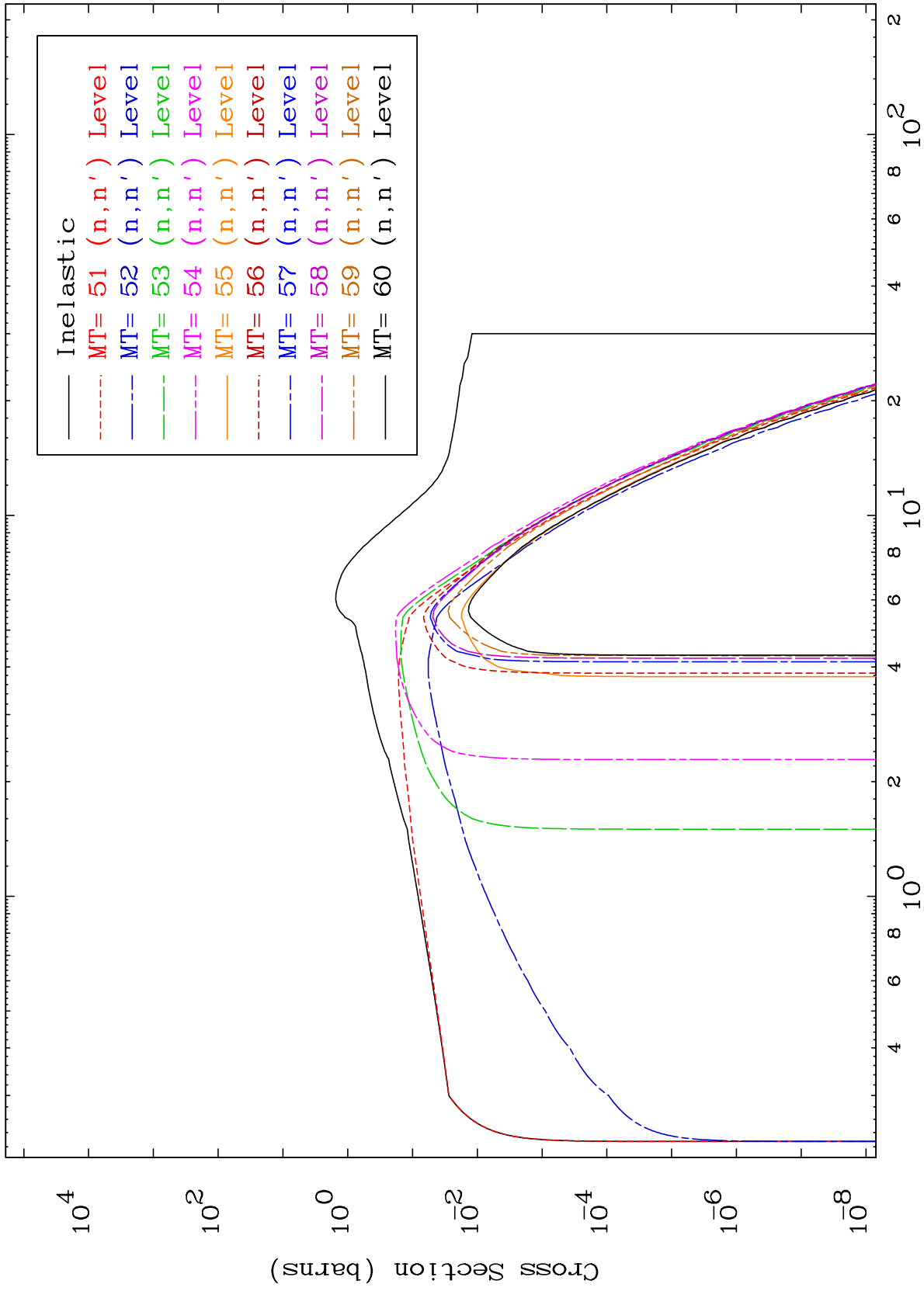
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,n') Level
293 Kelvin Cross Sections

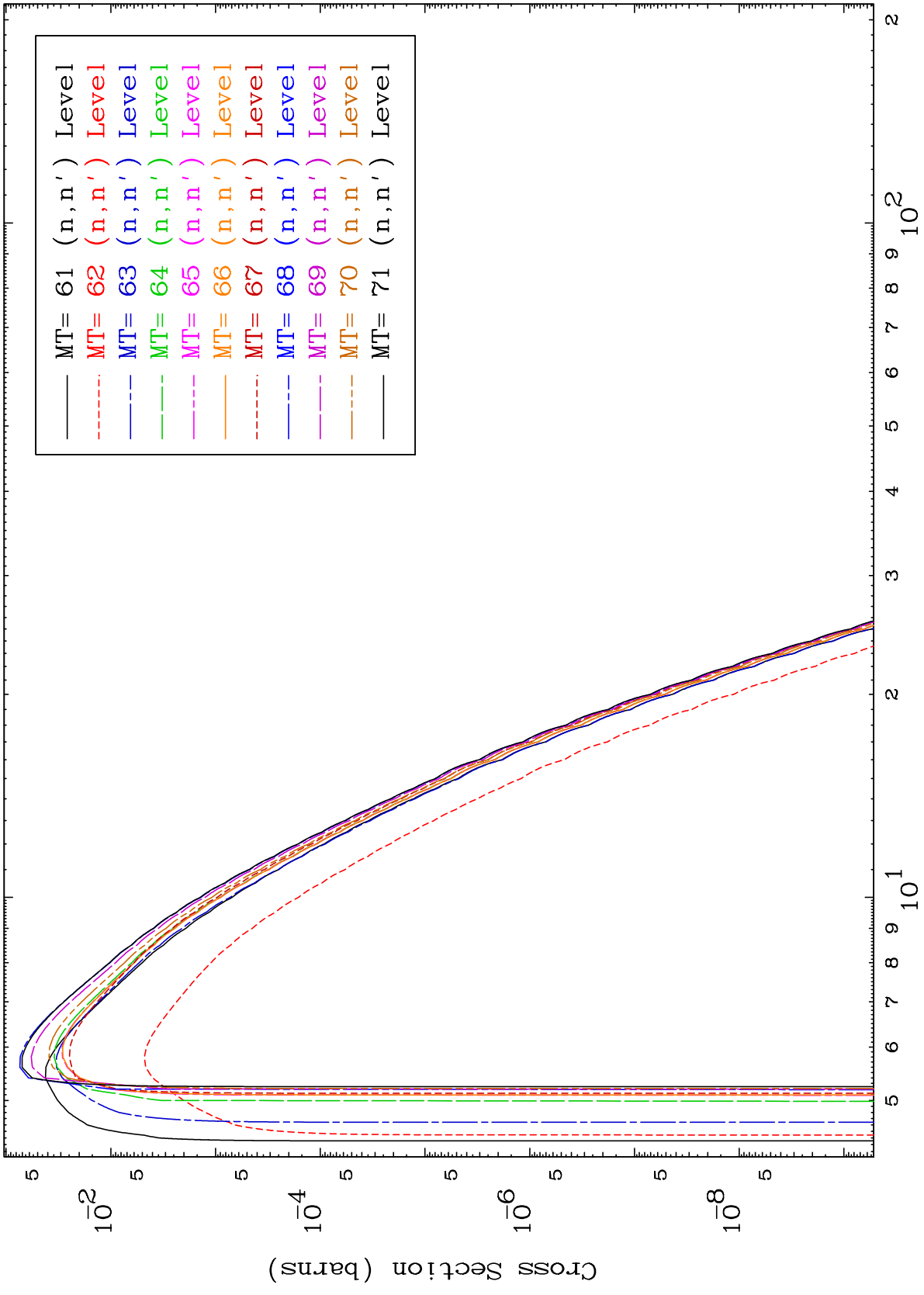
50-Sn-131



MAT 5083

(n,n') Level
293 Kelvin Cross Sections

50-Sn-131



6

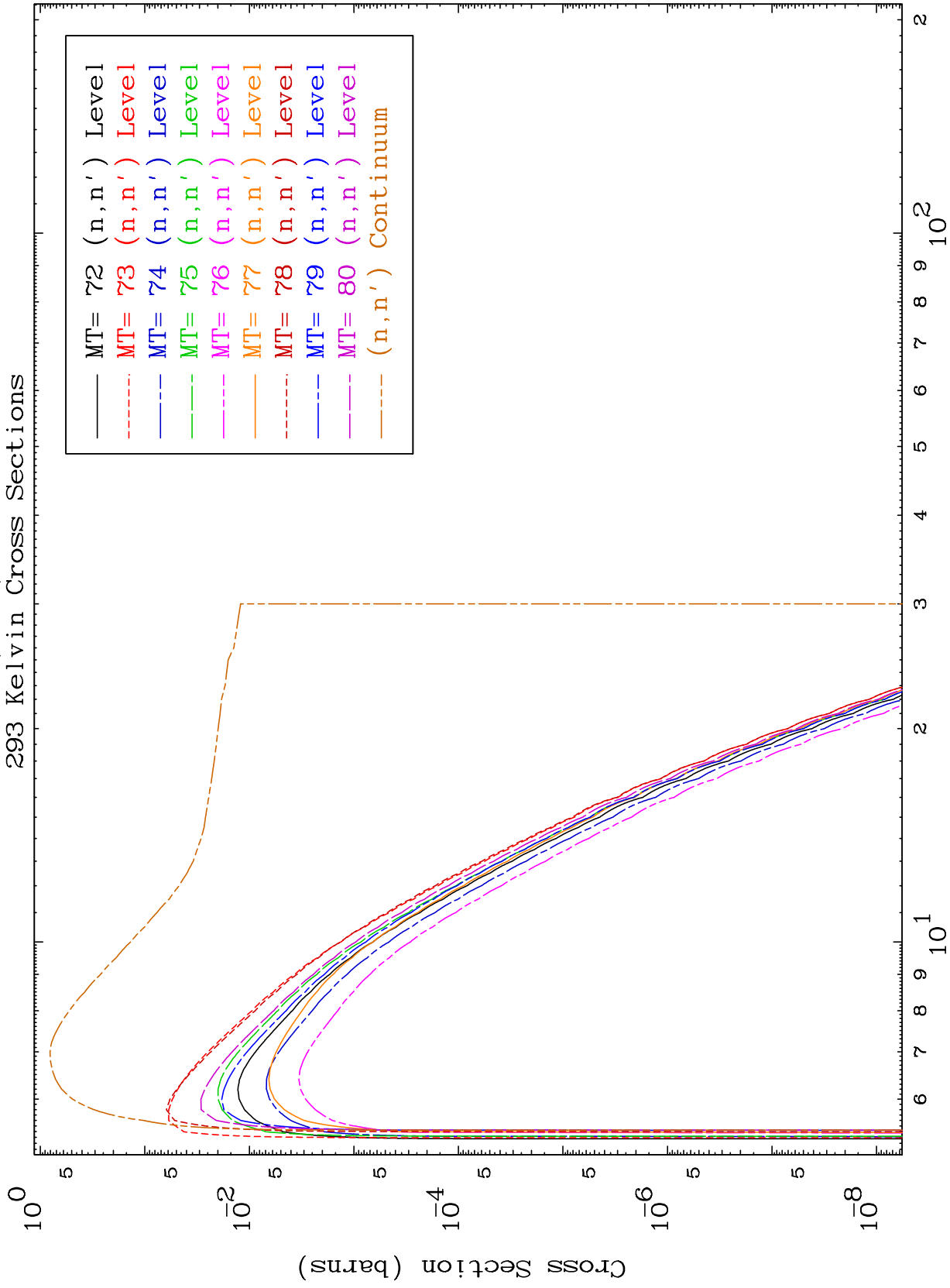
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,n') Level
293 Kelvin Cross Sections

50-Sn-131



7

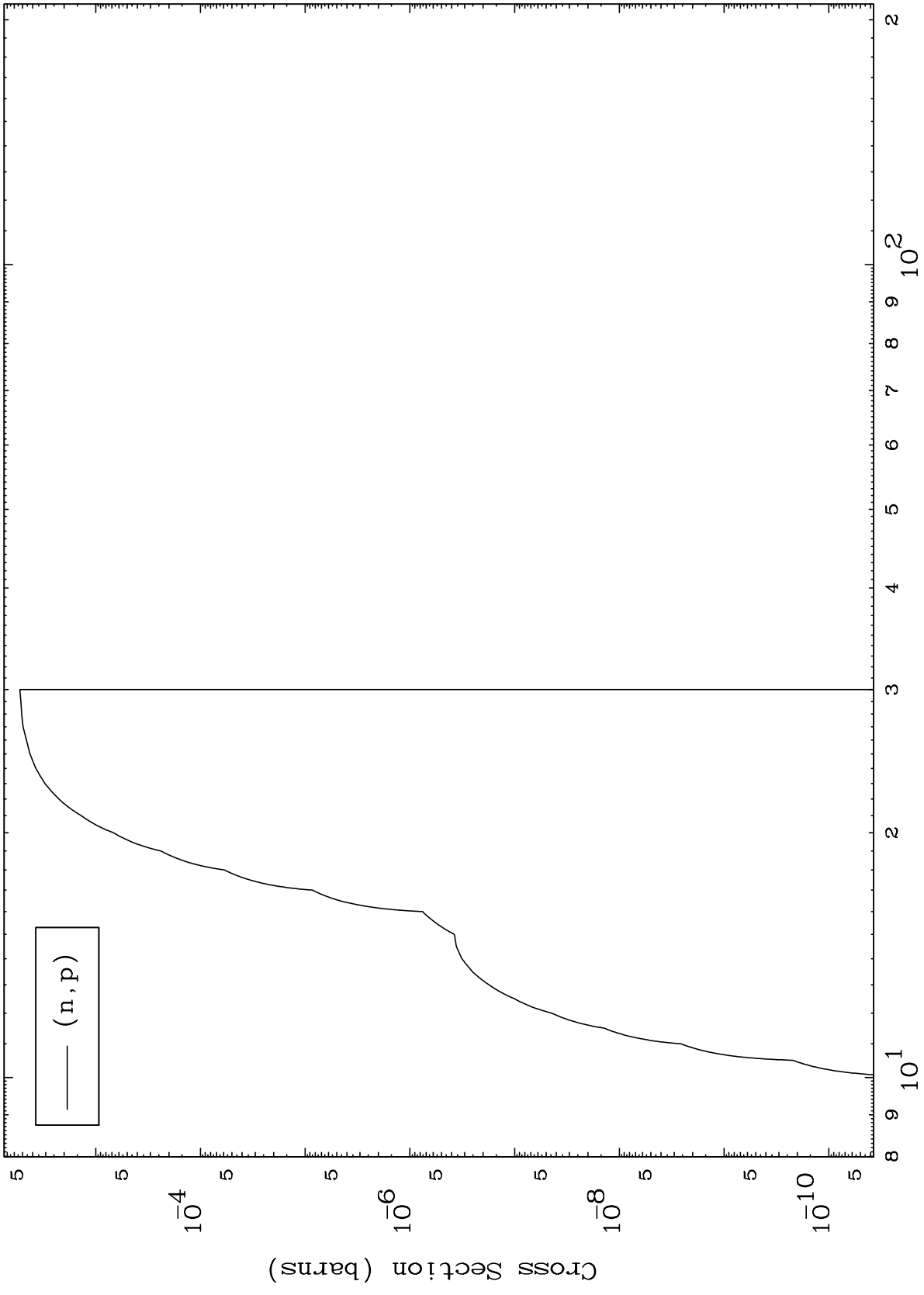
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-131



8

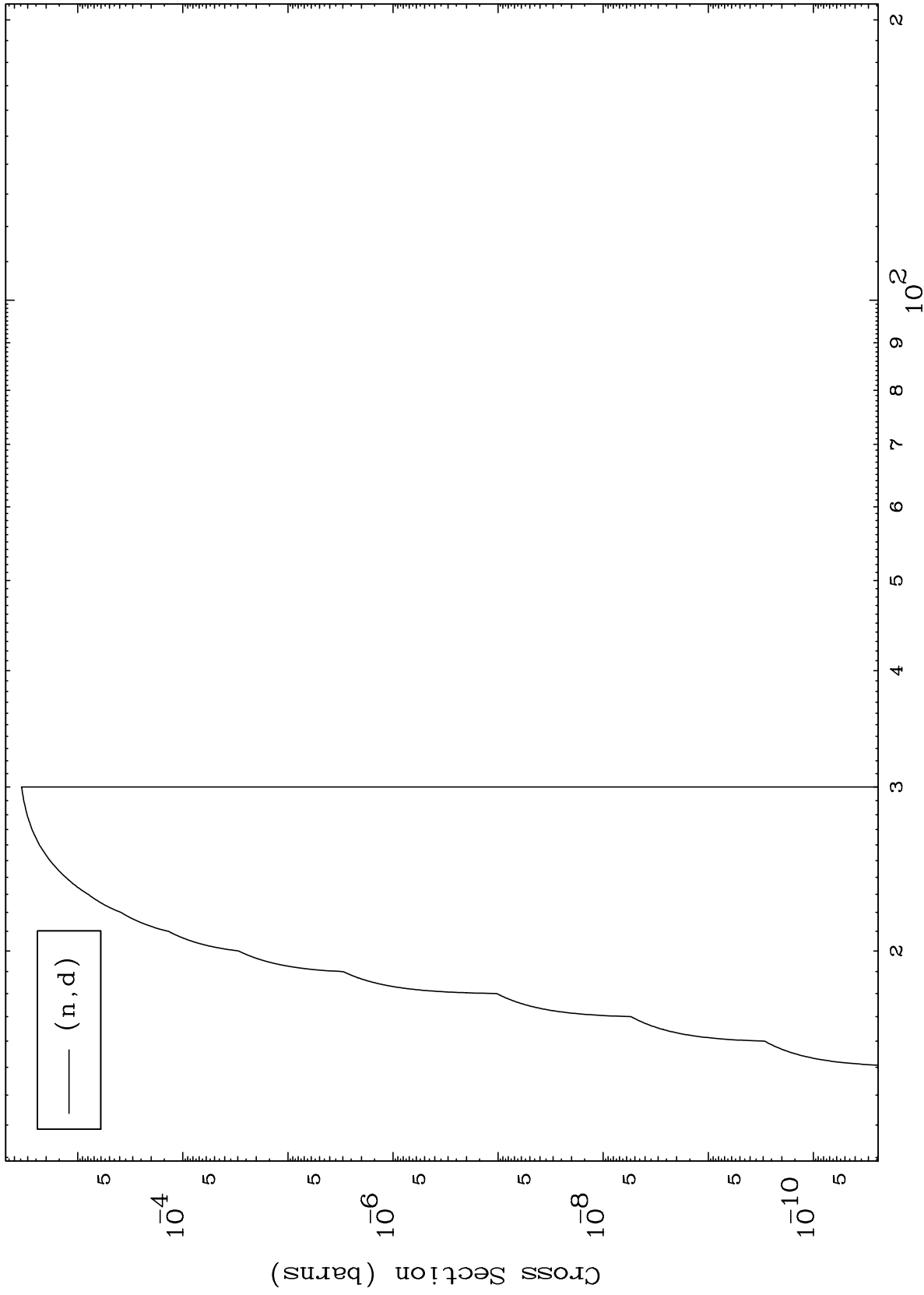
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,d) Levels
293 Kelvin Cross Sections

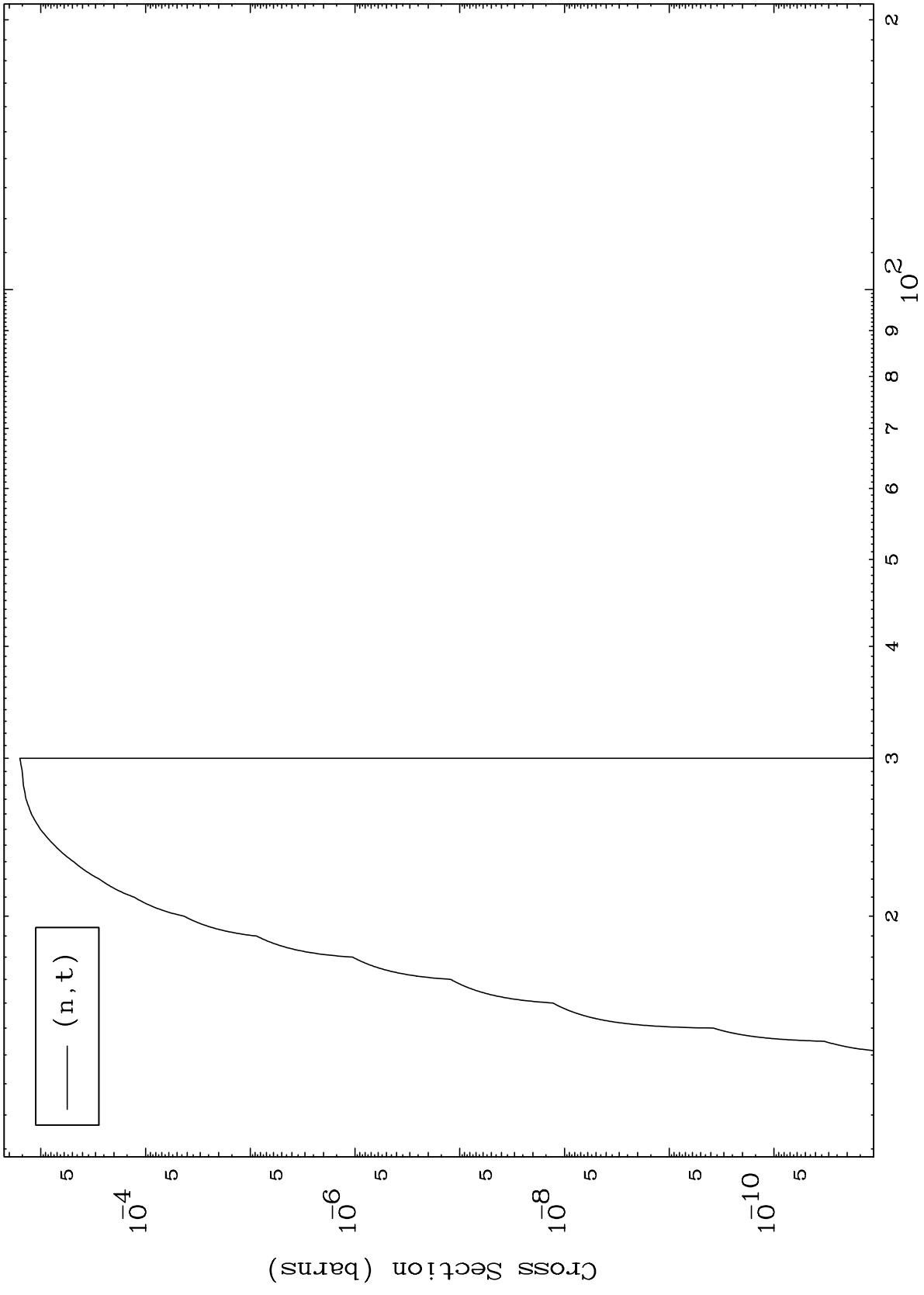
50-Sn-131



MAT 5083

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131



10

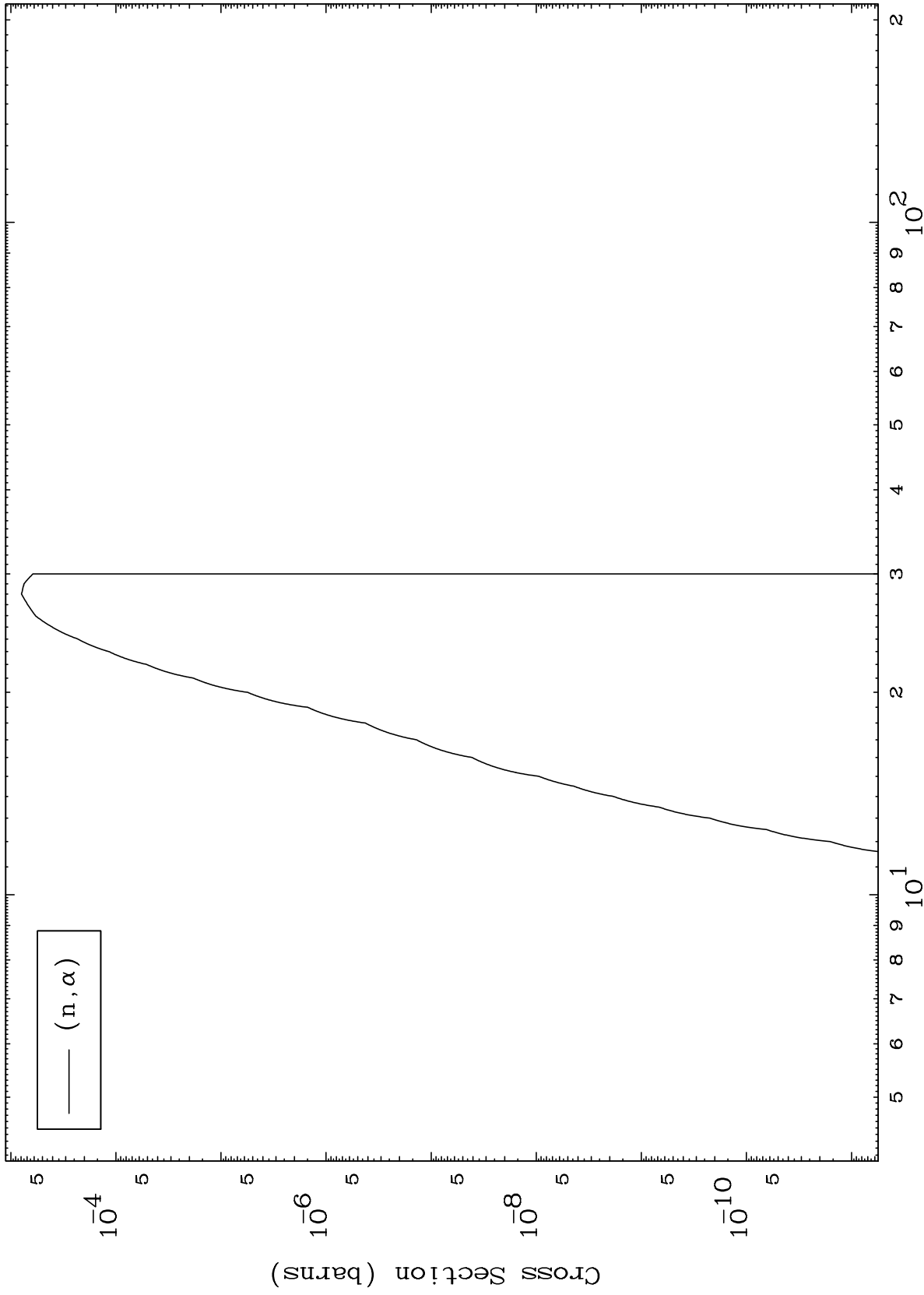
Incident Energy (MeV)

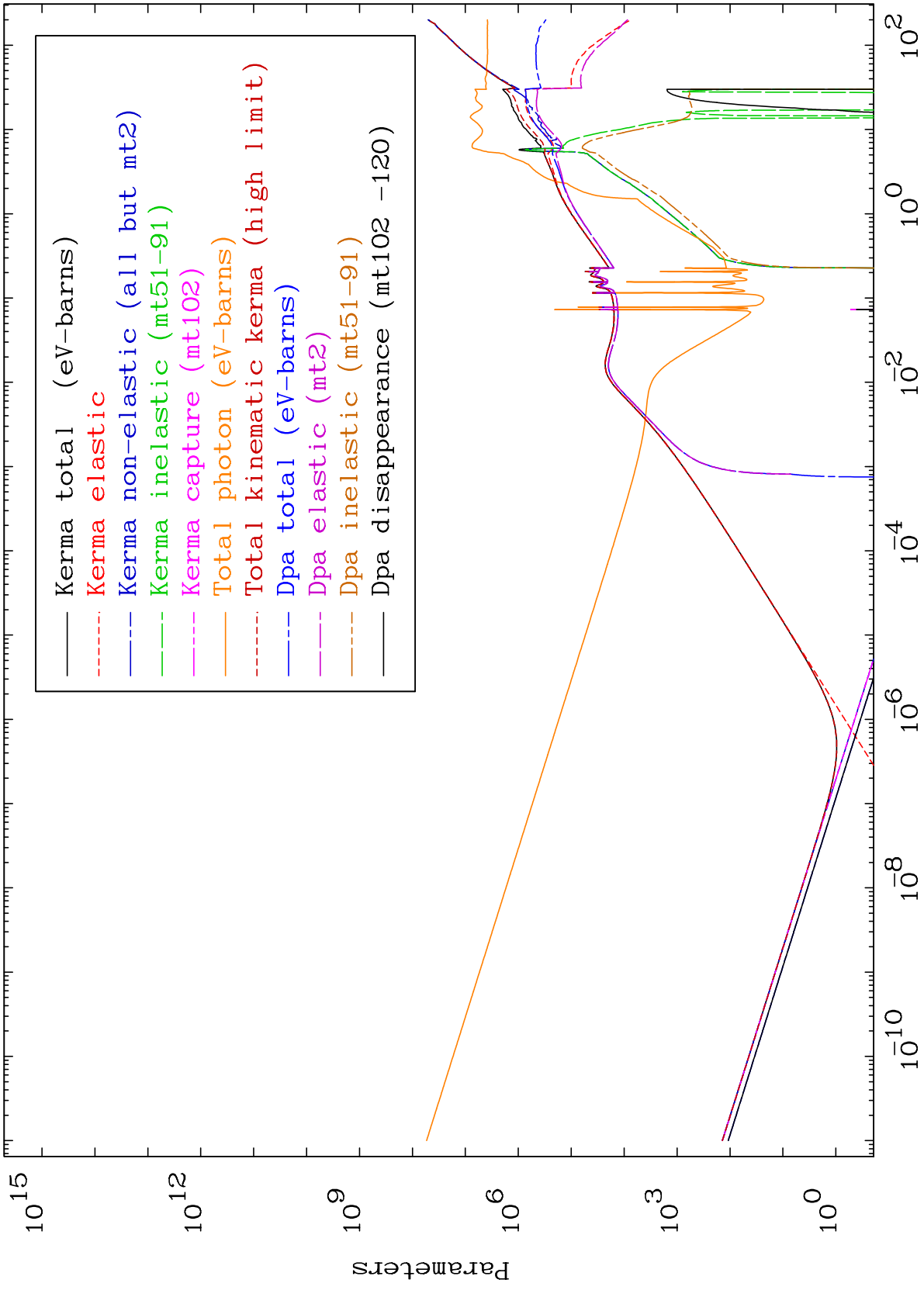
50-Sn-131

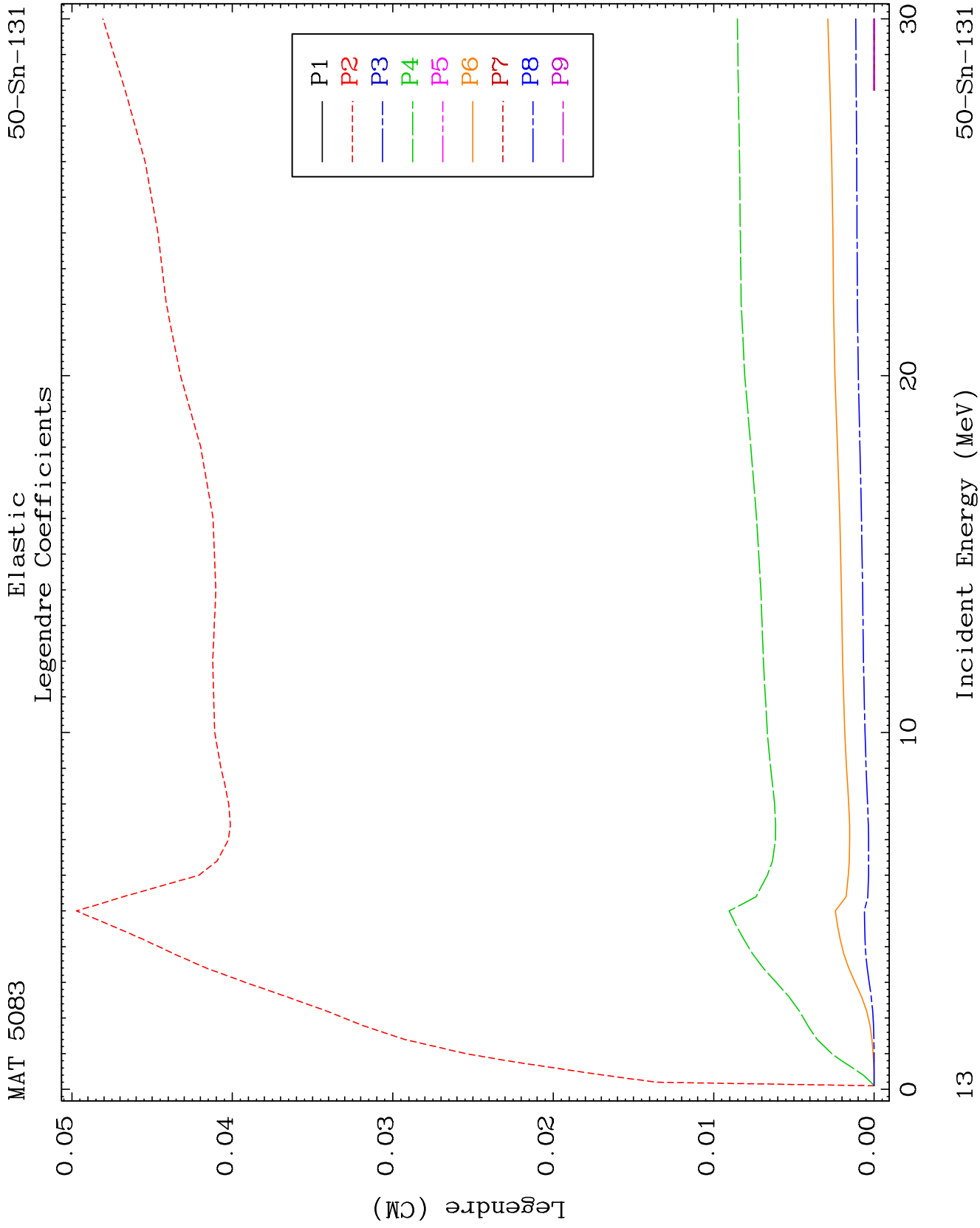
MAT 5083

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-131



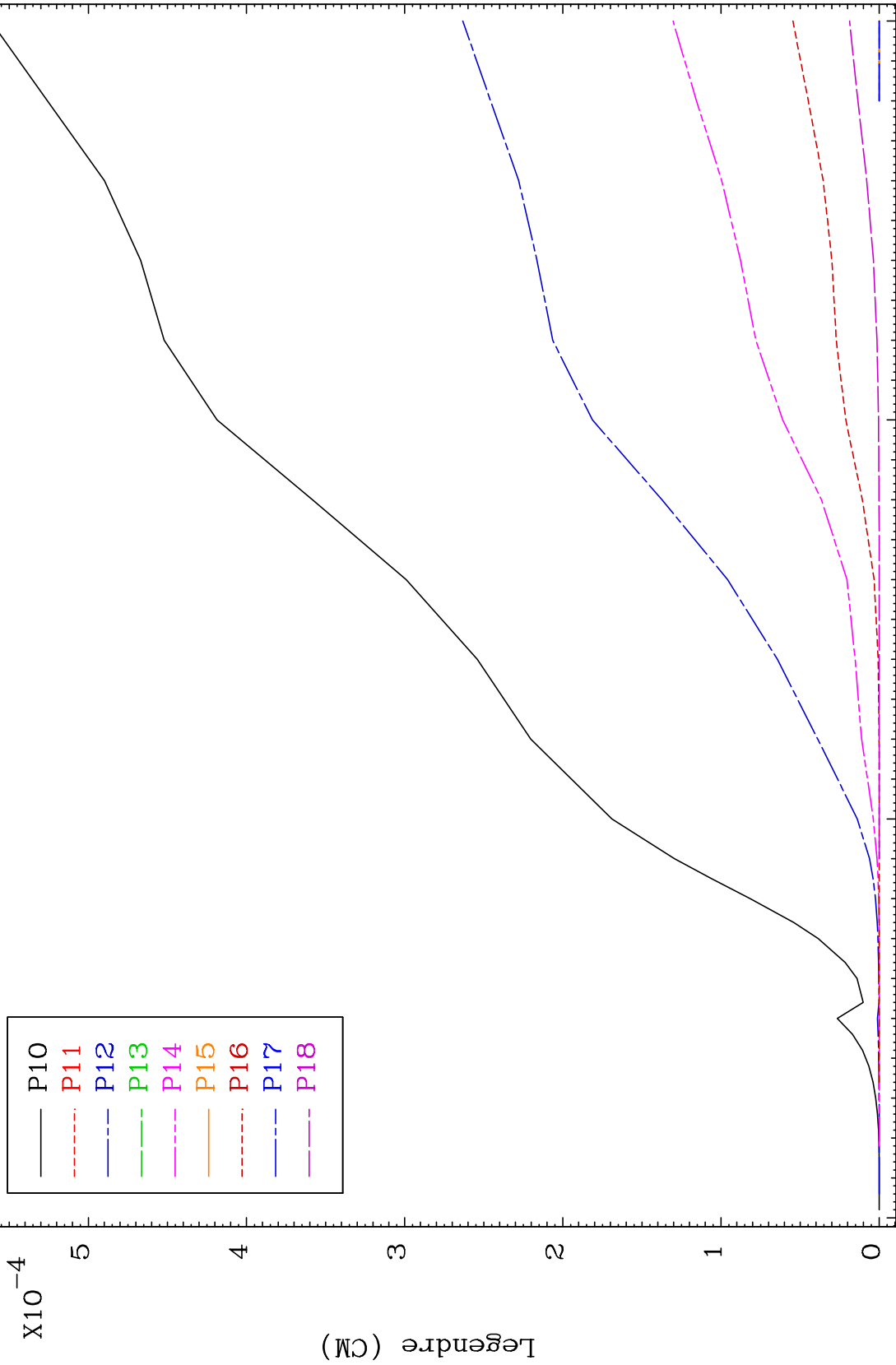




MAT 5083

Elastic Legendre Coefficients

50-Sn-131



14

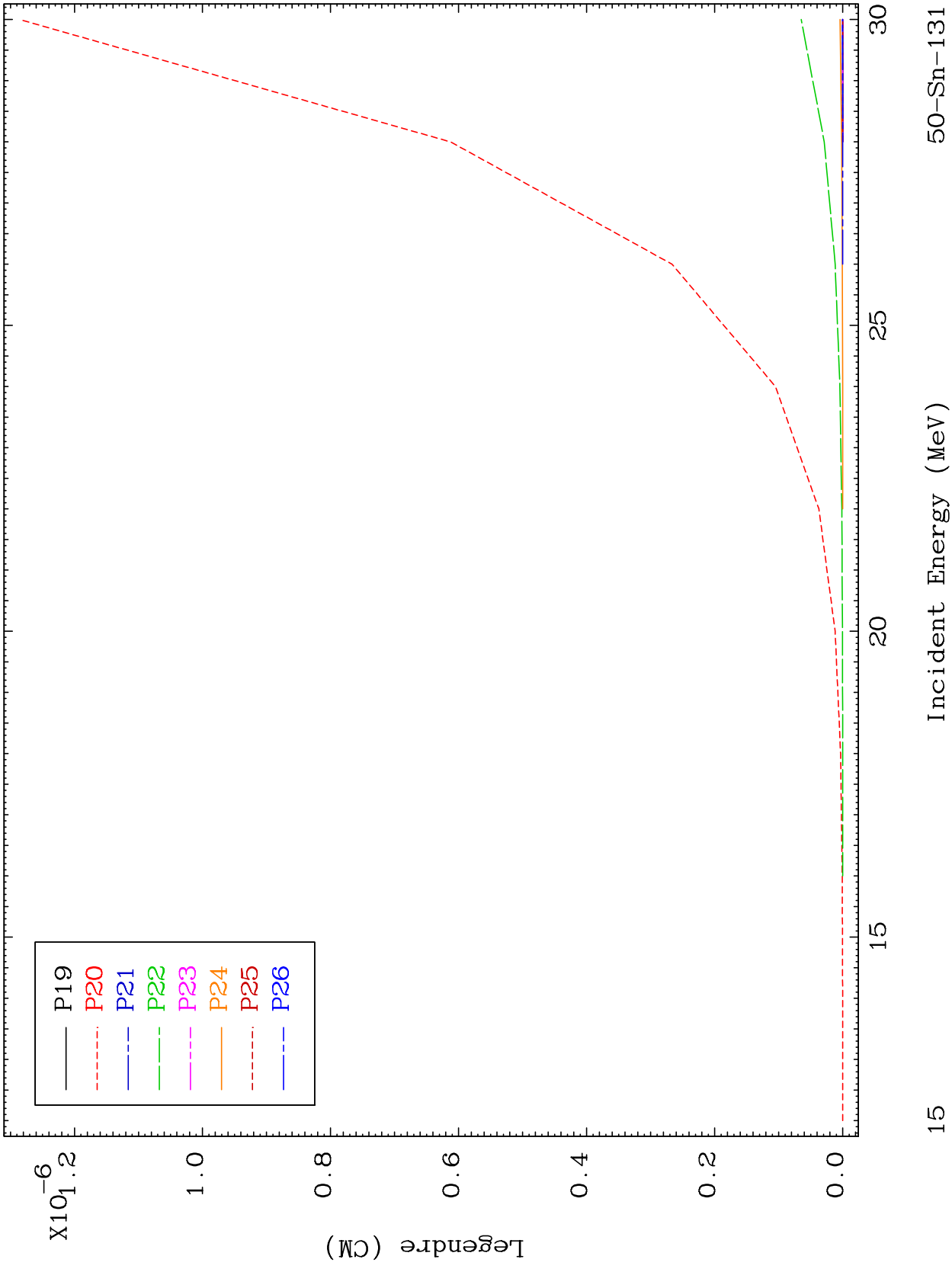
Incident Energy (MeV)

50-Sn-131

MAT 5083

Elastic Legendre Coefficients

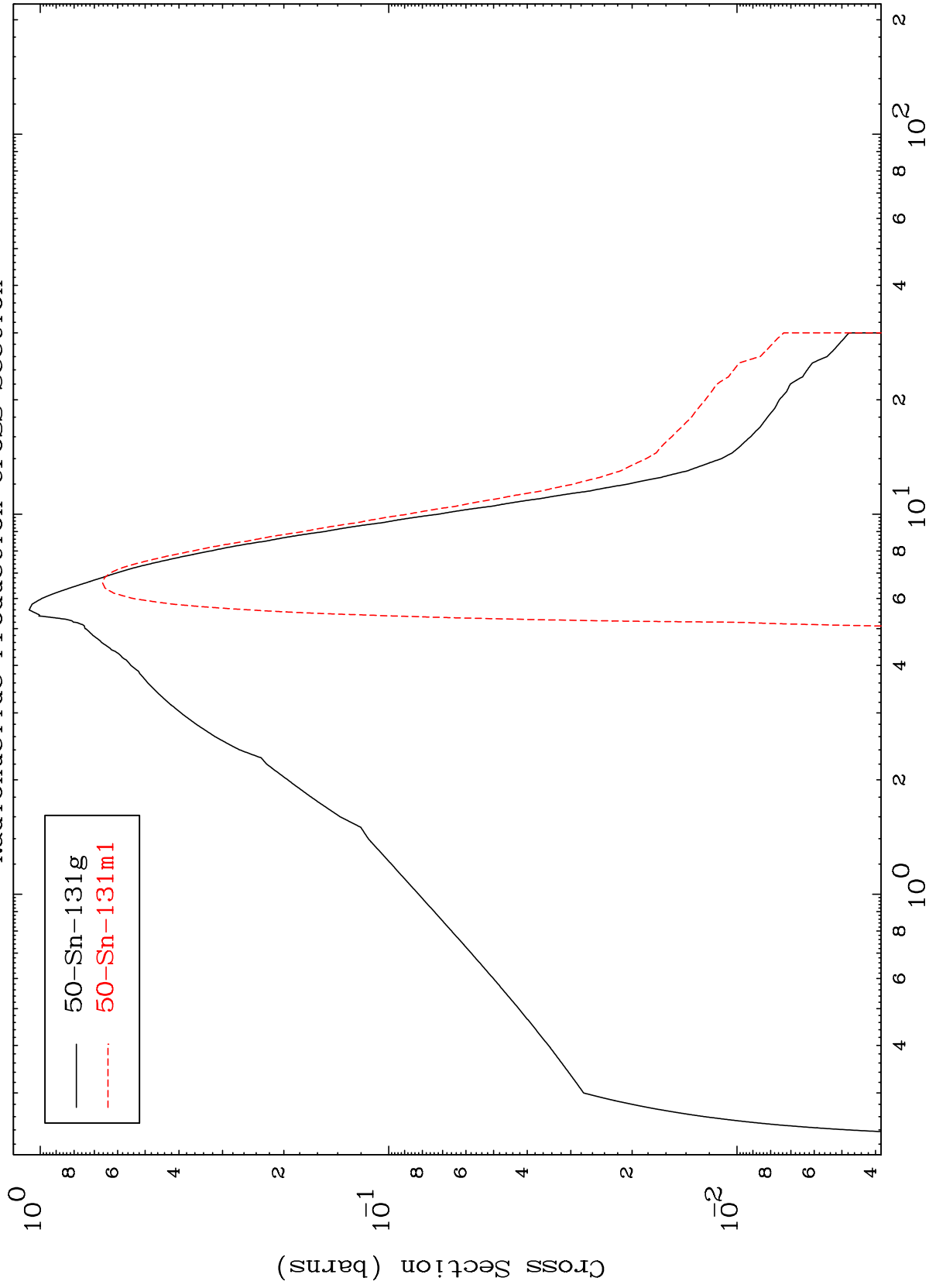
50-Sn-131



MAT 5083

Inelastic
Radionuclide Production Cross Section

50-Sn-131



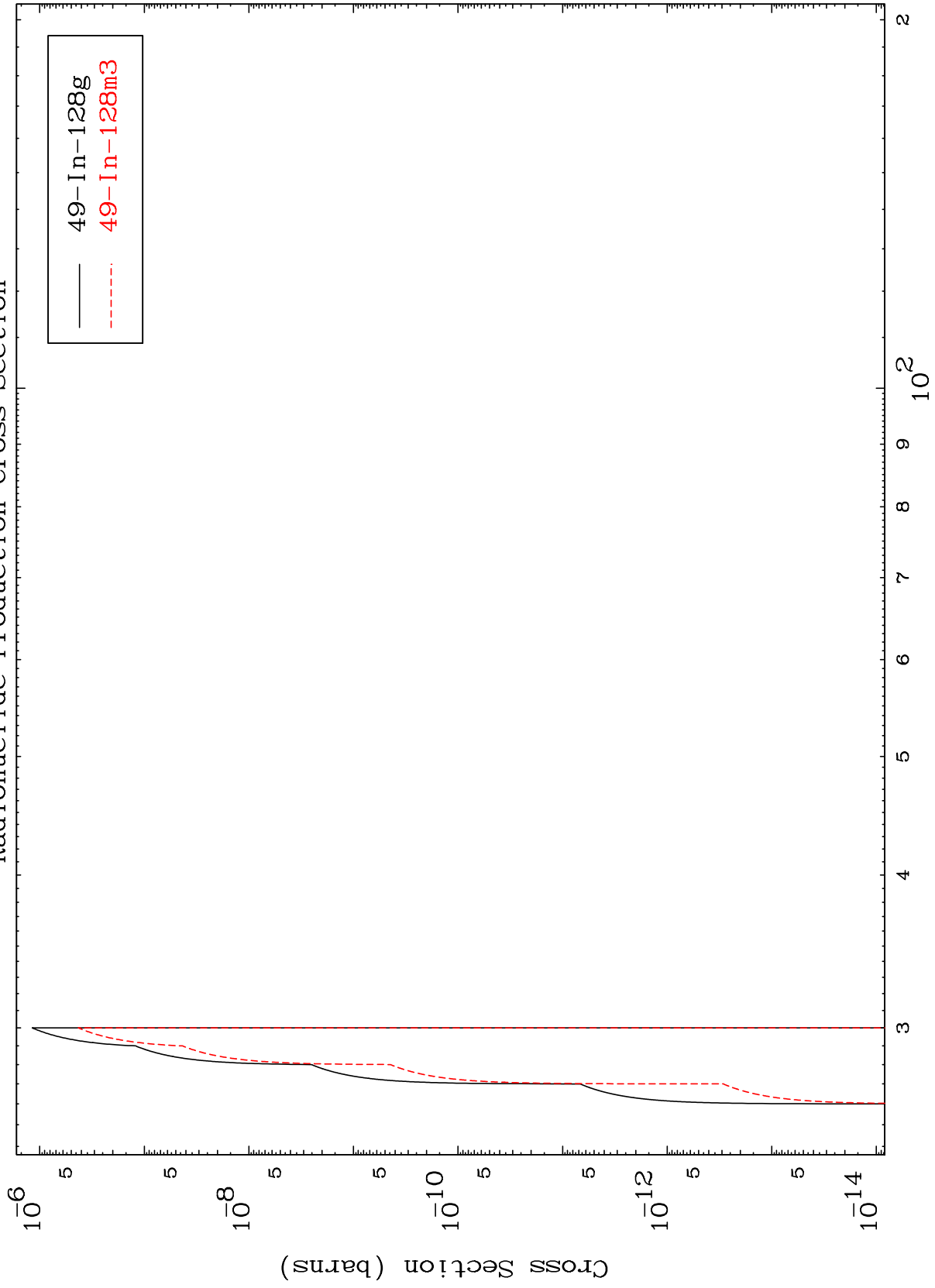
50-Sn-131g
50-Sn-131m1

MAT 5083

(n,2n) d

50-Sn-131

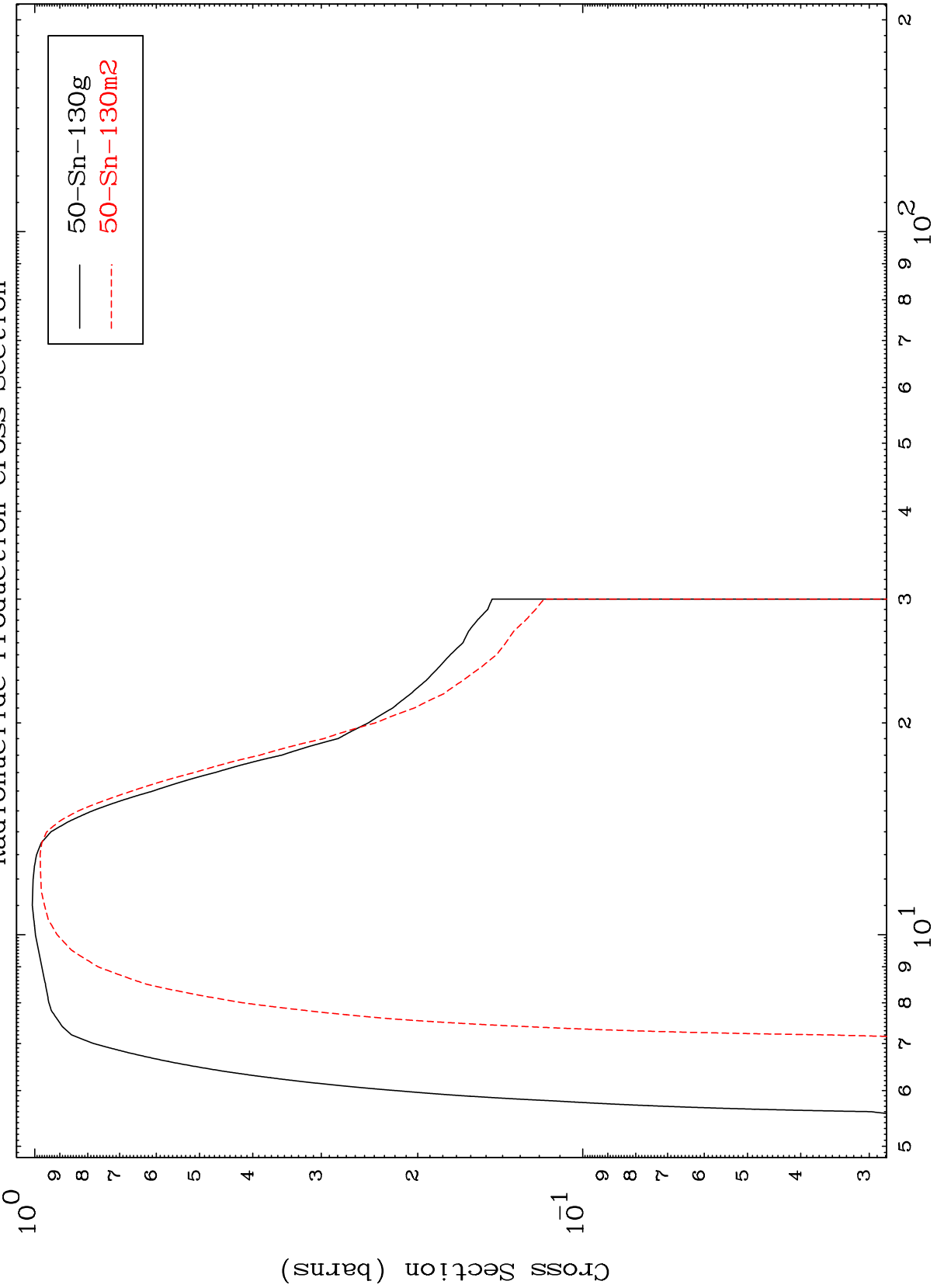
Radionuclide Production Cross Section



MAT 5083

50-Sn-131

(n,2n)
Radionuclide Production Cross Section



18

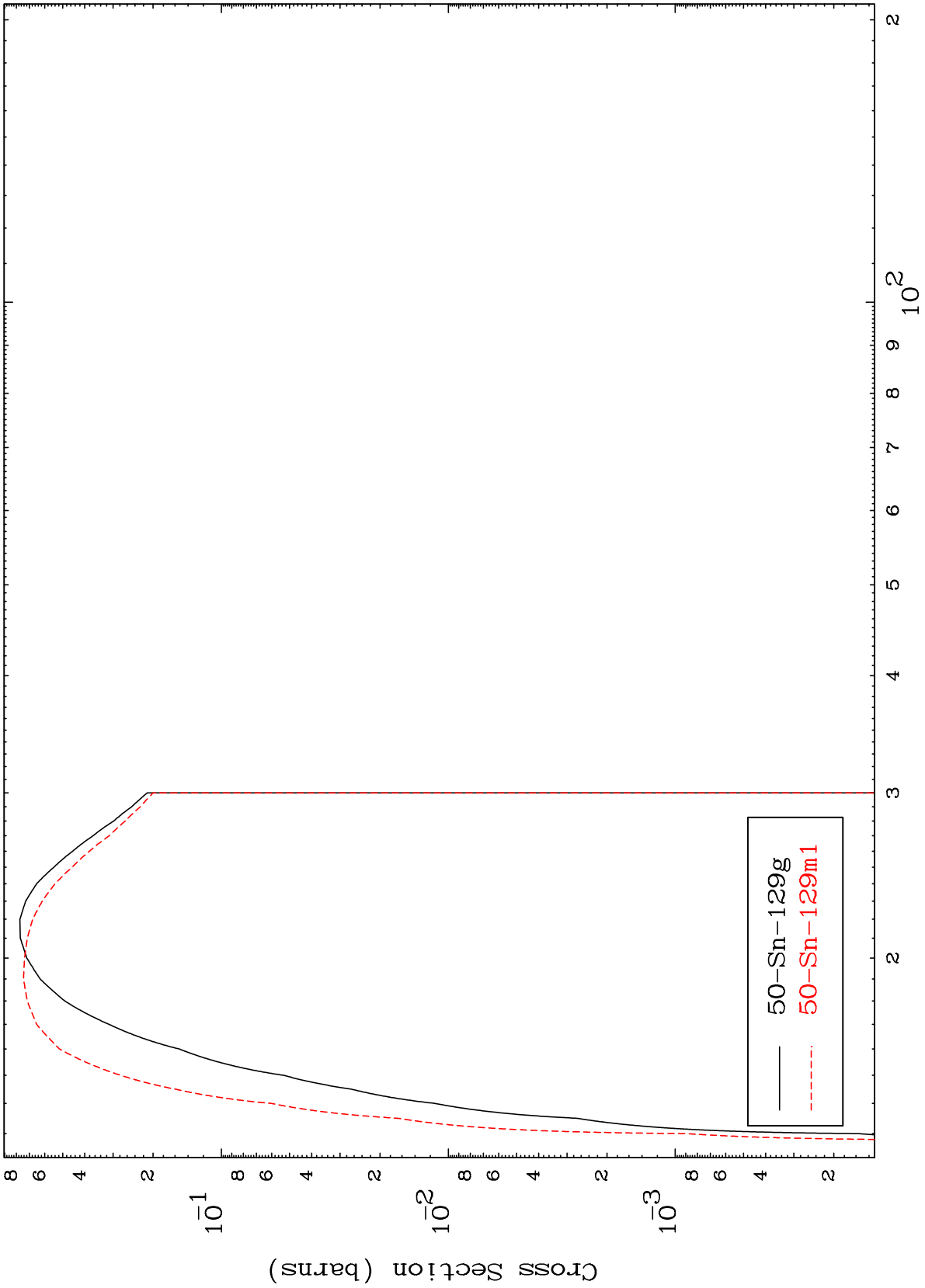
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(n,3n)
Radionuclide Production Cross Section



19

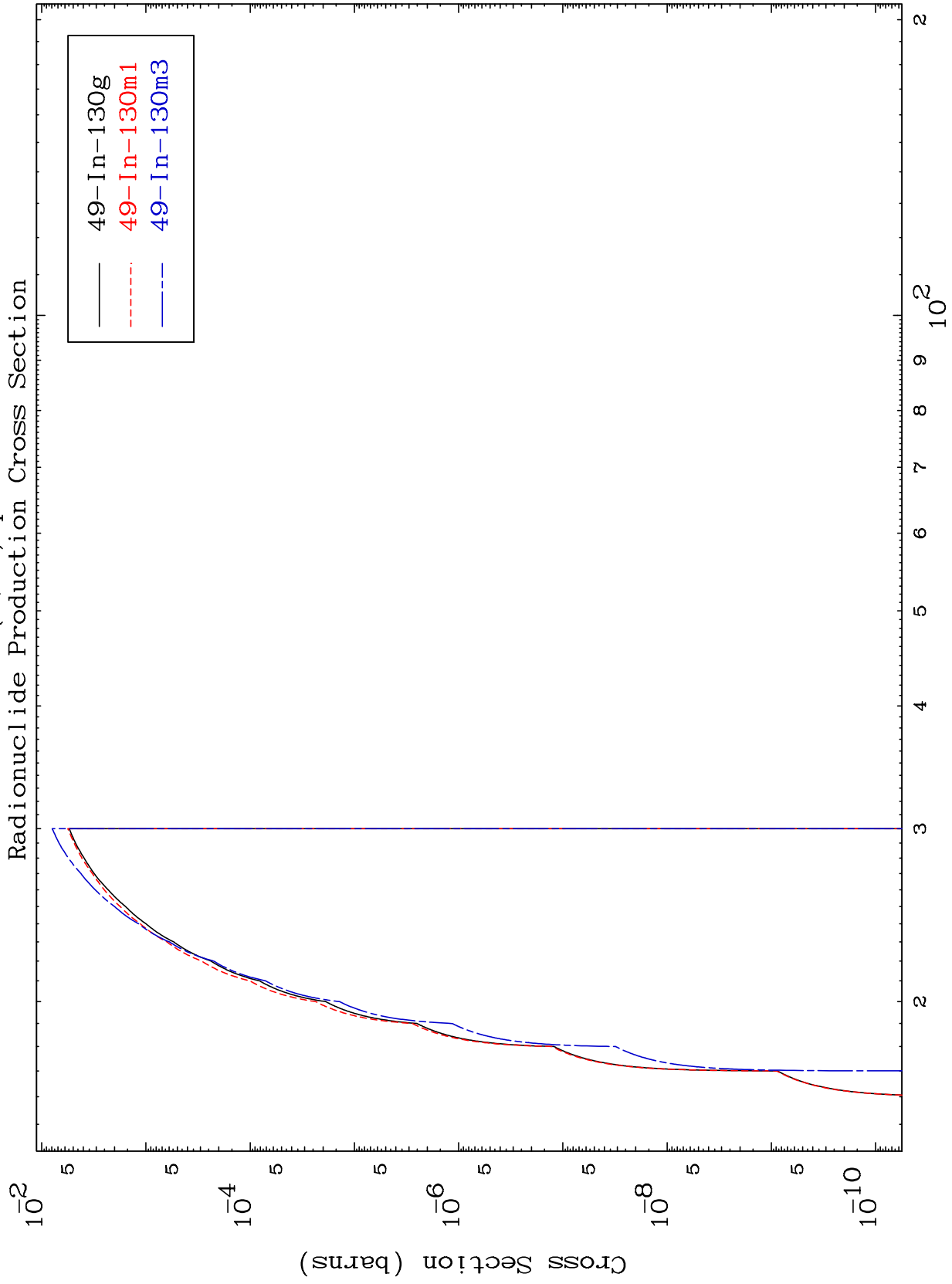
50-Sn-131

Incident Energy (MeV)

MAT 5083

(n,n') p

50-Sn-131



20

Incident Energy (MeV)

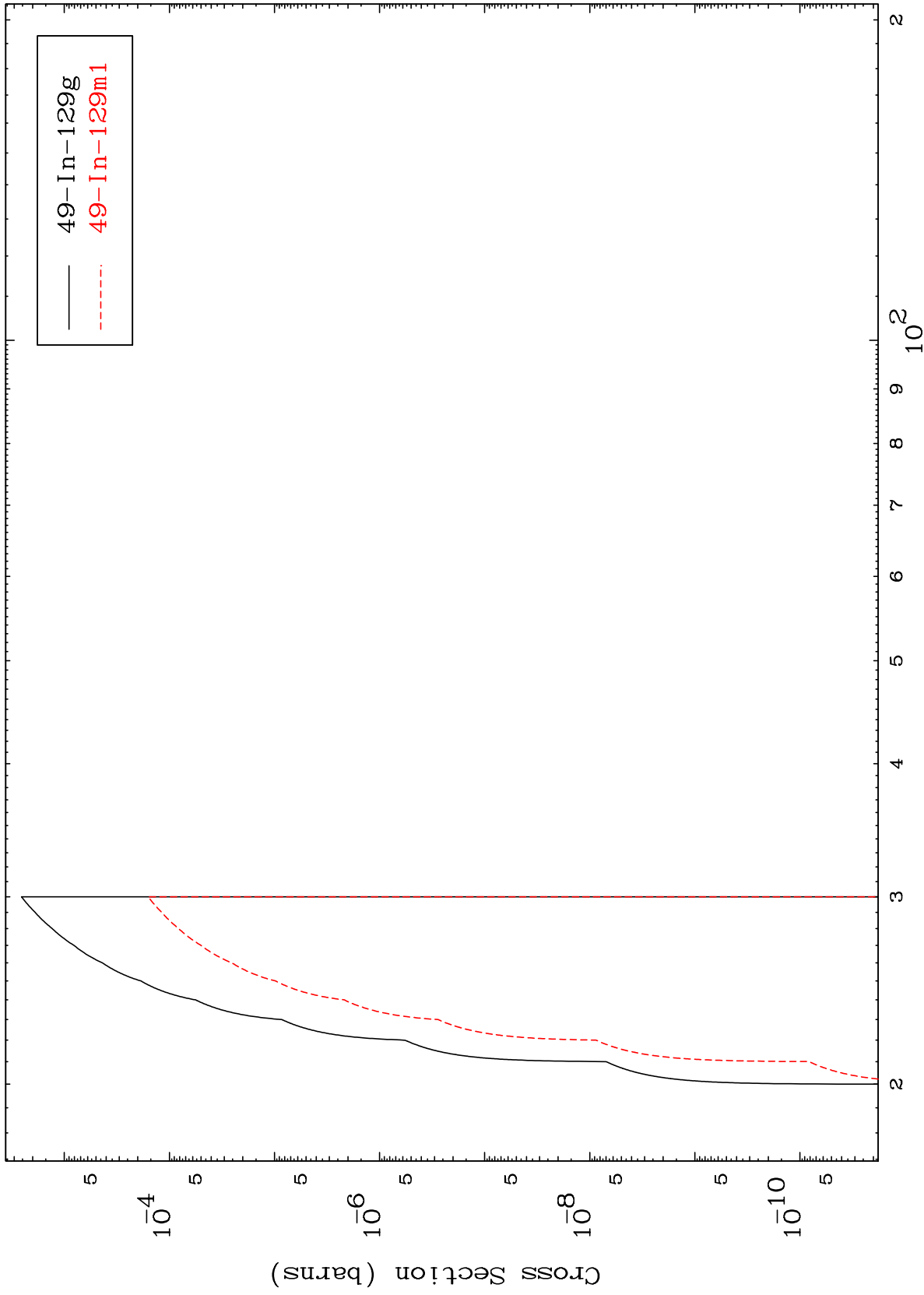
50-Sn-131

MAT 5083

(n,n') d

50-Sn-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

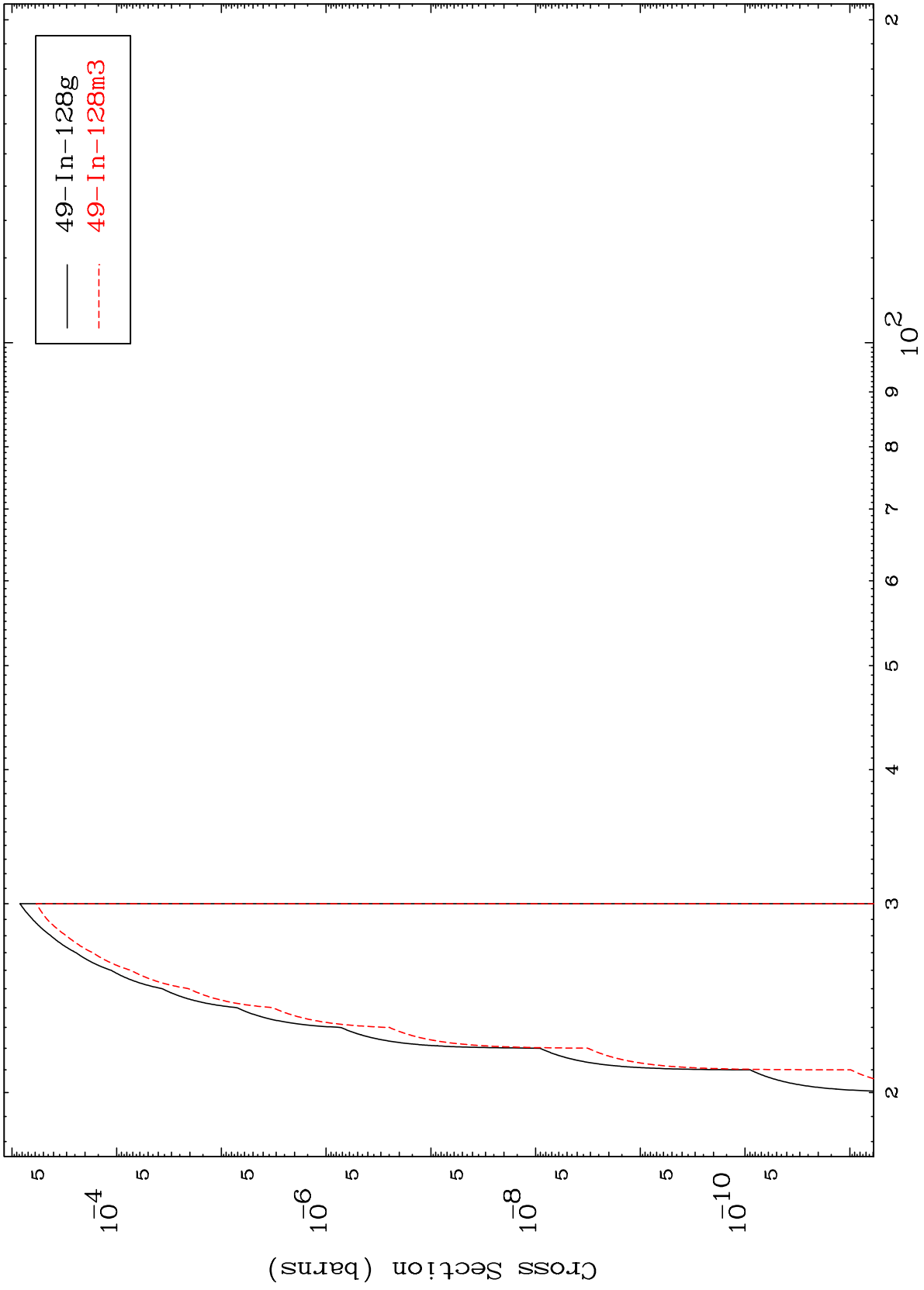
50-Sn-131

MAT 5083

(n,n') t

50-Sn-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

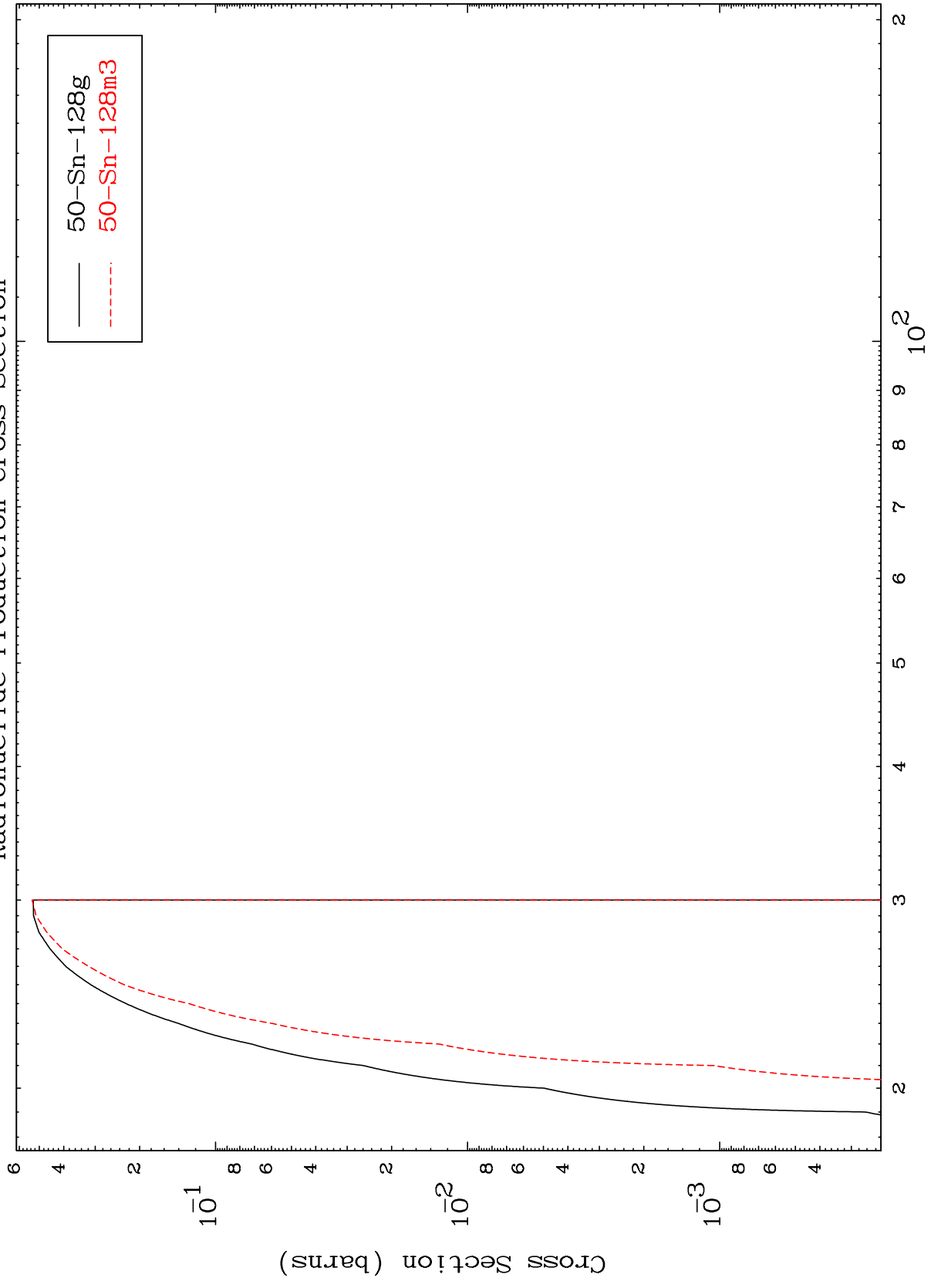
50-Sn-131

MAT 5083

(n,4n)

50-Sn-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

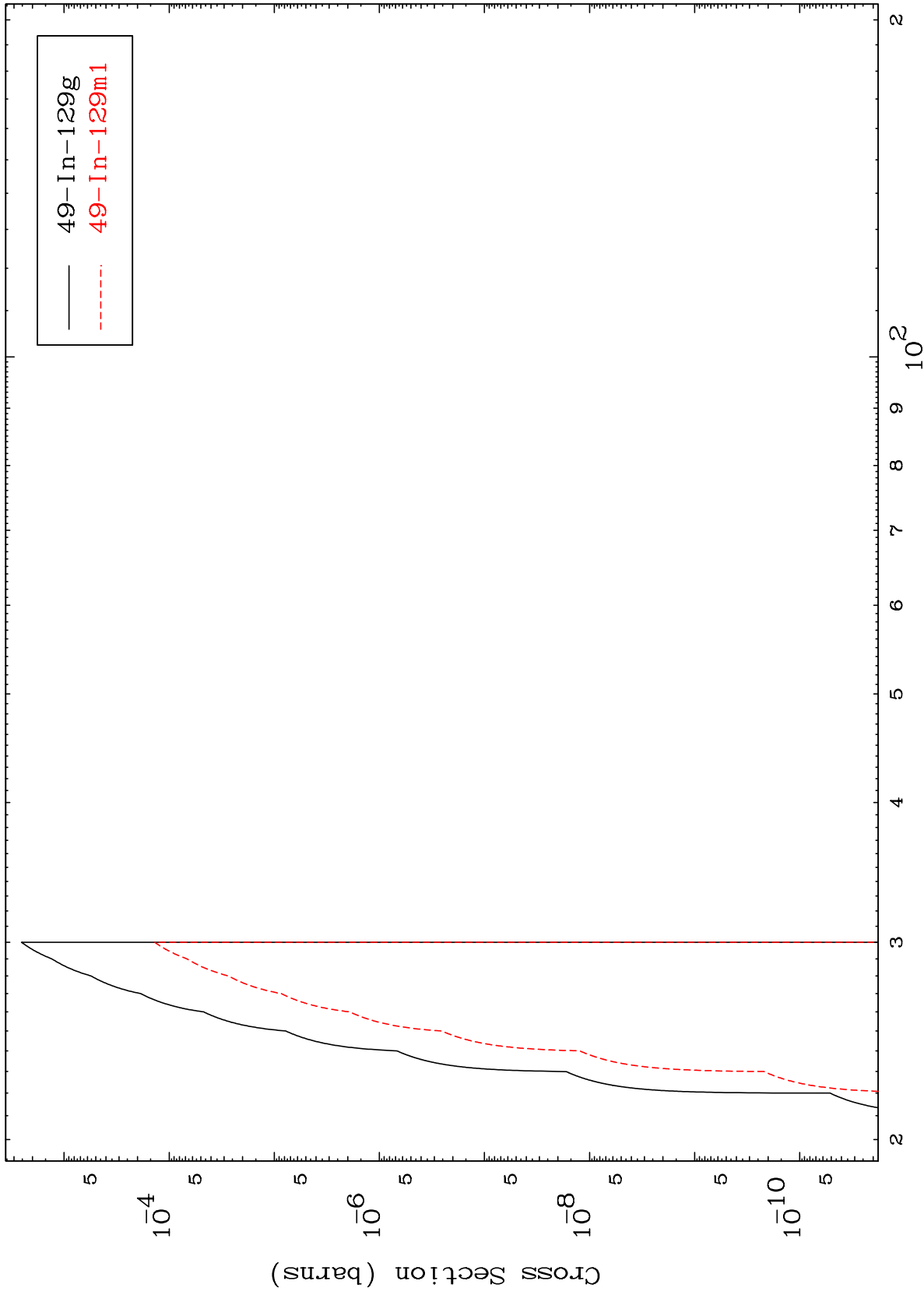
50-Sn-131

MAT 5083

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

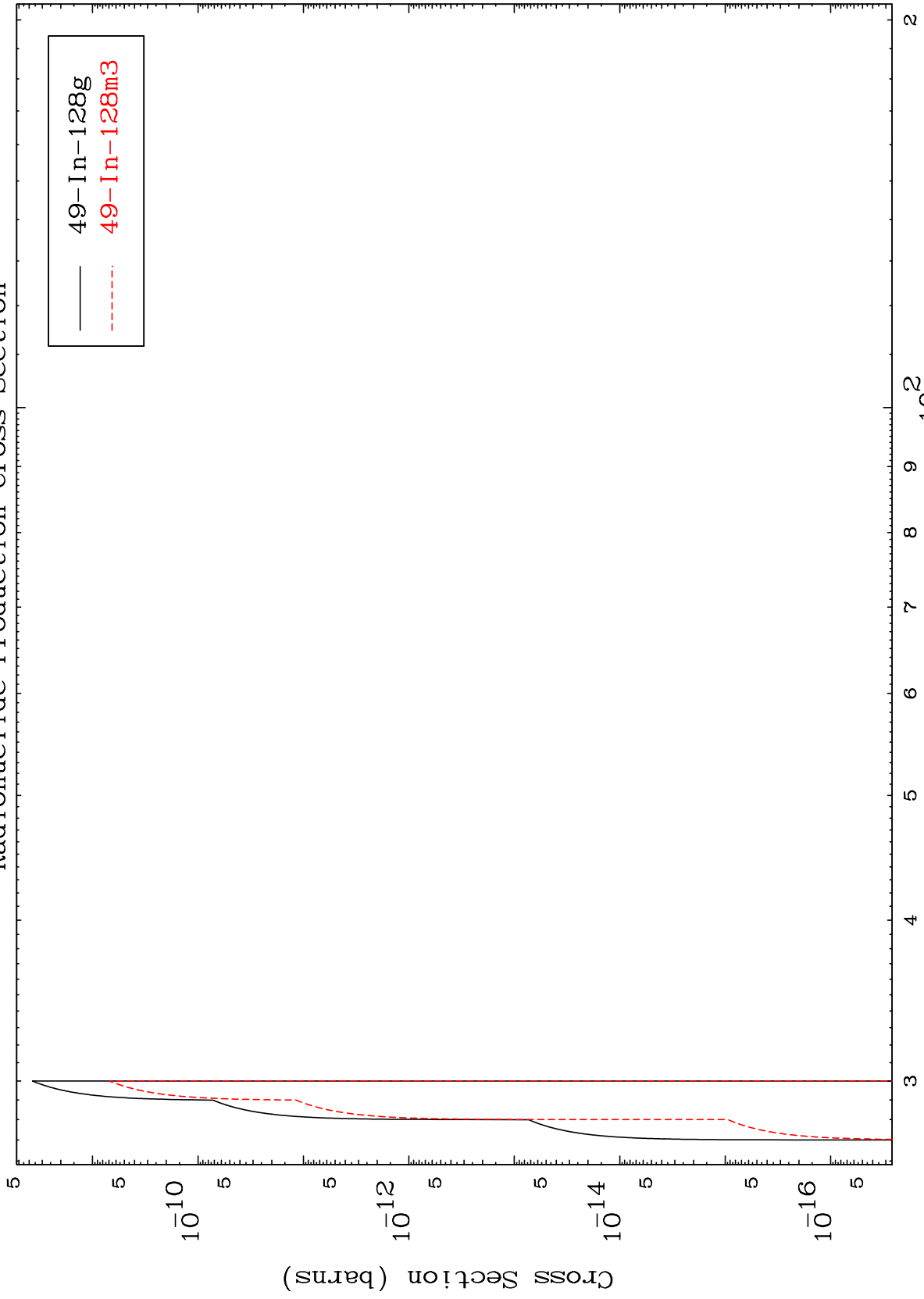
50-Sn-131

MAT 5083

(n,3n) p

50-Sn-131

Radionuclide Production Cross Section



49-In-128g
49-In-128m3

25

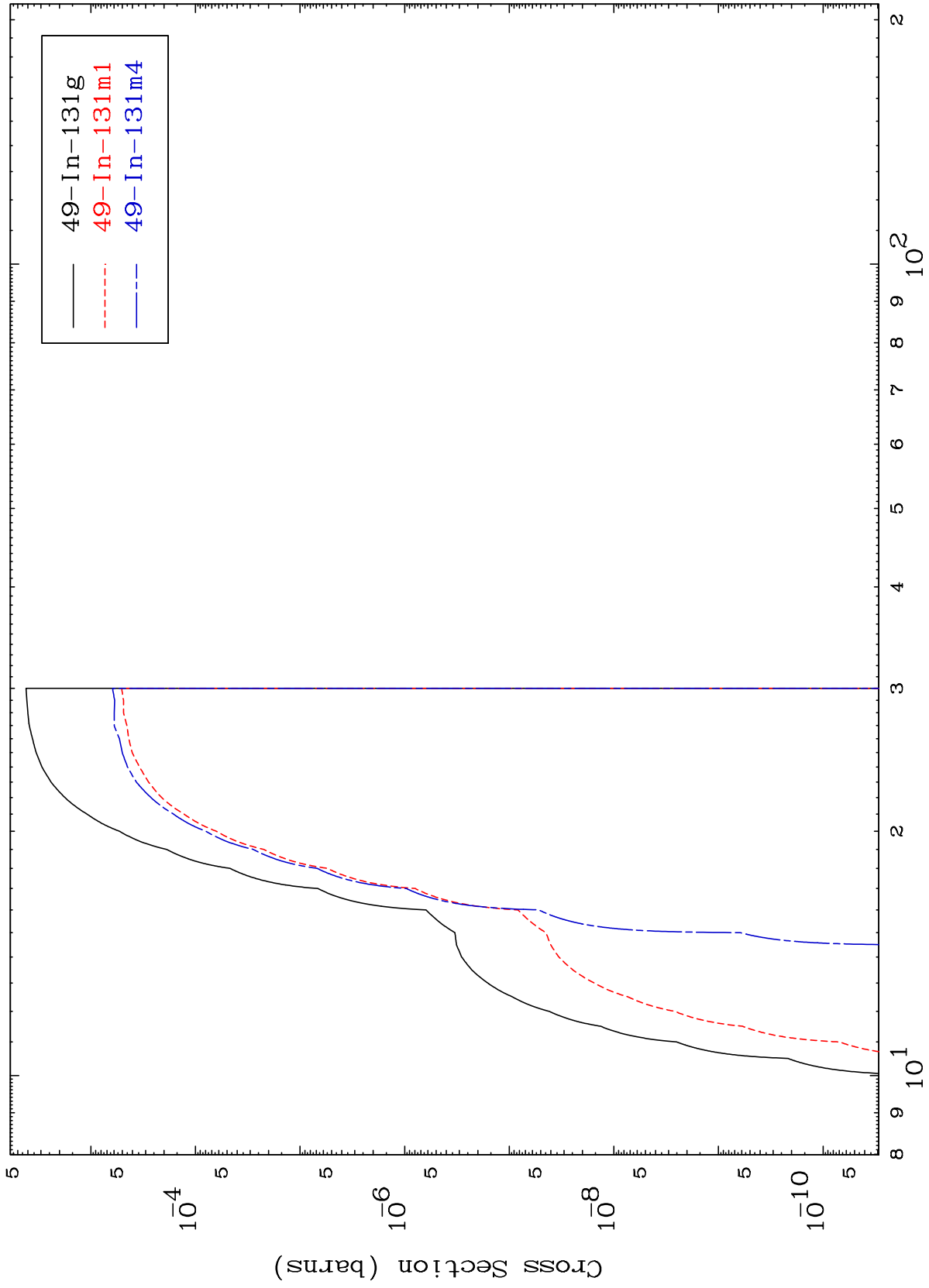
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(n,p)
Radionuclide Production Cross Section



26

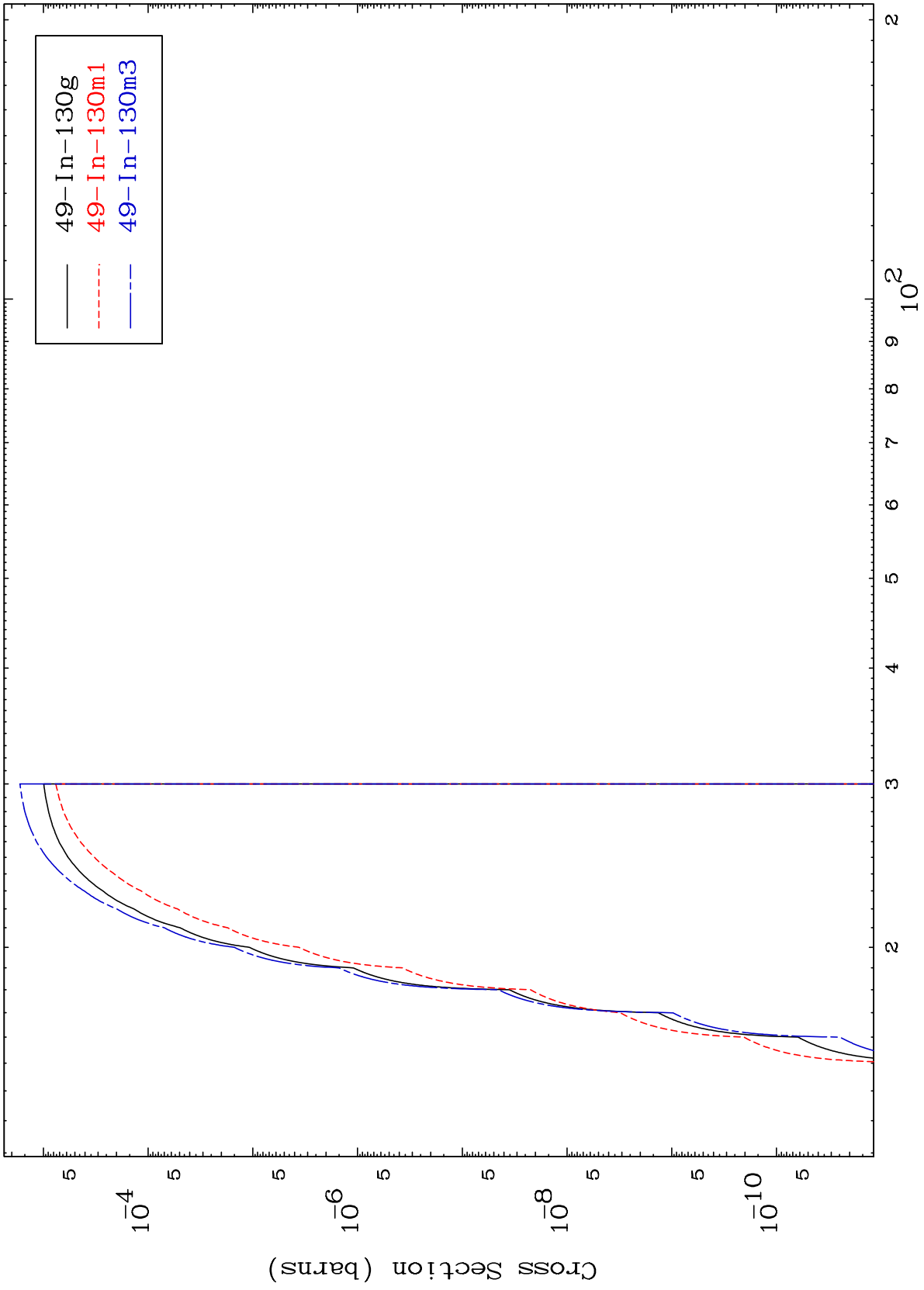
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(n,d)
Radionuclide Production Cross Section



27

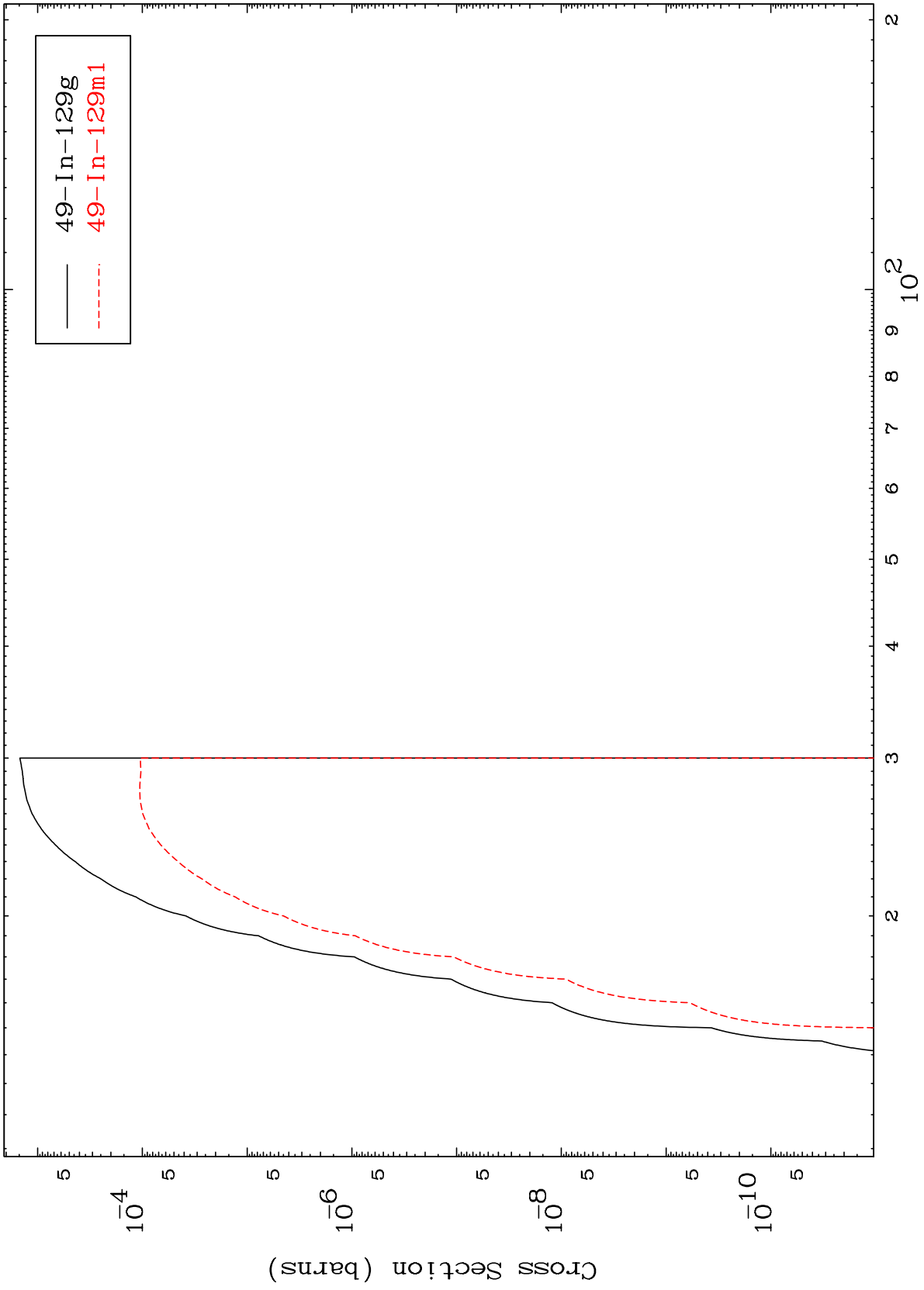
50-Sn-131

Incident Energy (MeV)

MAT 5083

50-Sn-131

(n, t)
Radionuclide Production Cross Section



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50-Sn-131