

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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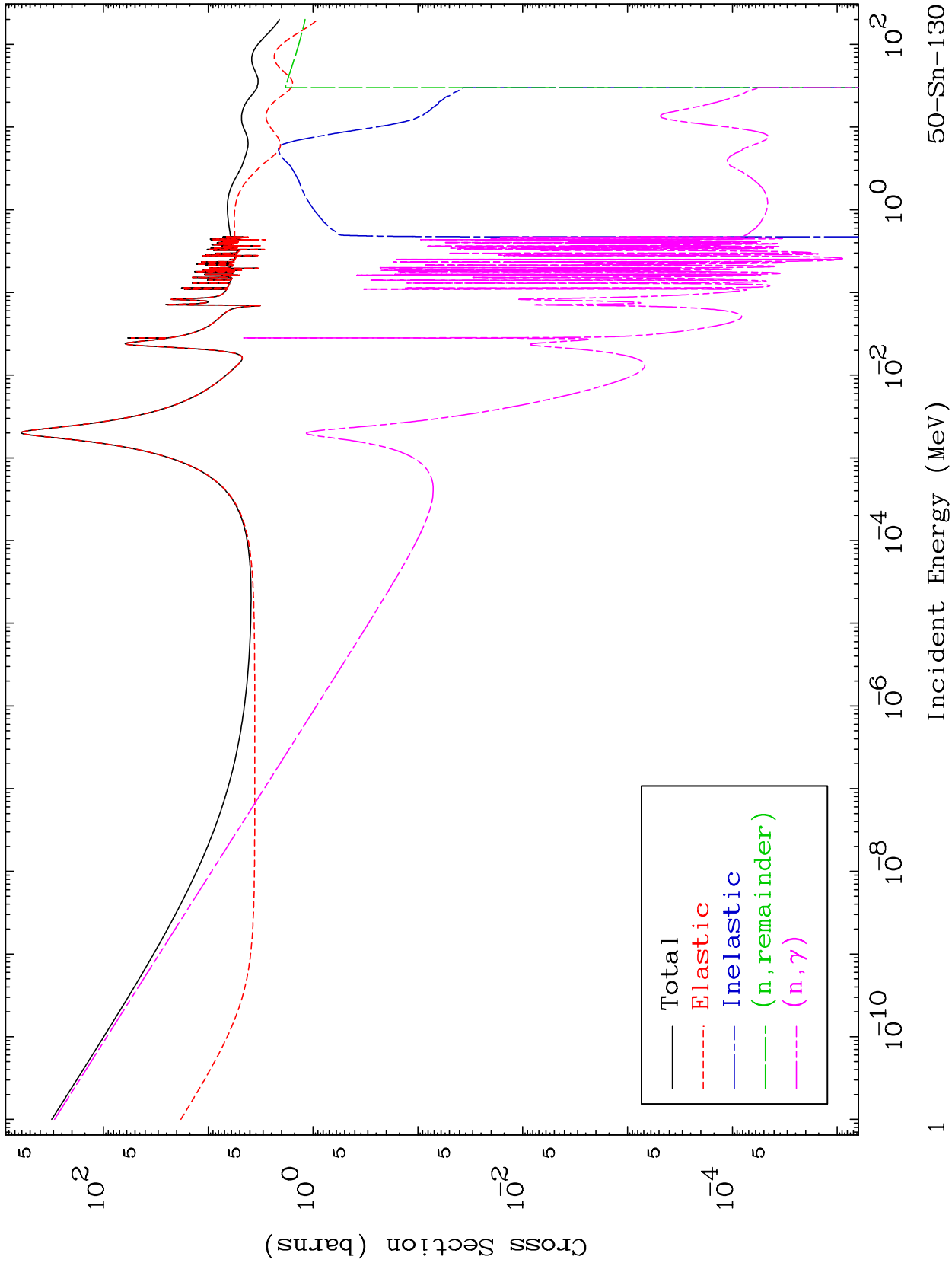
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5080

Major
293 Kelvin Cross Sections

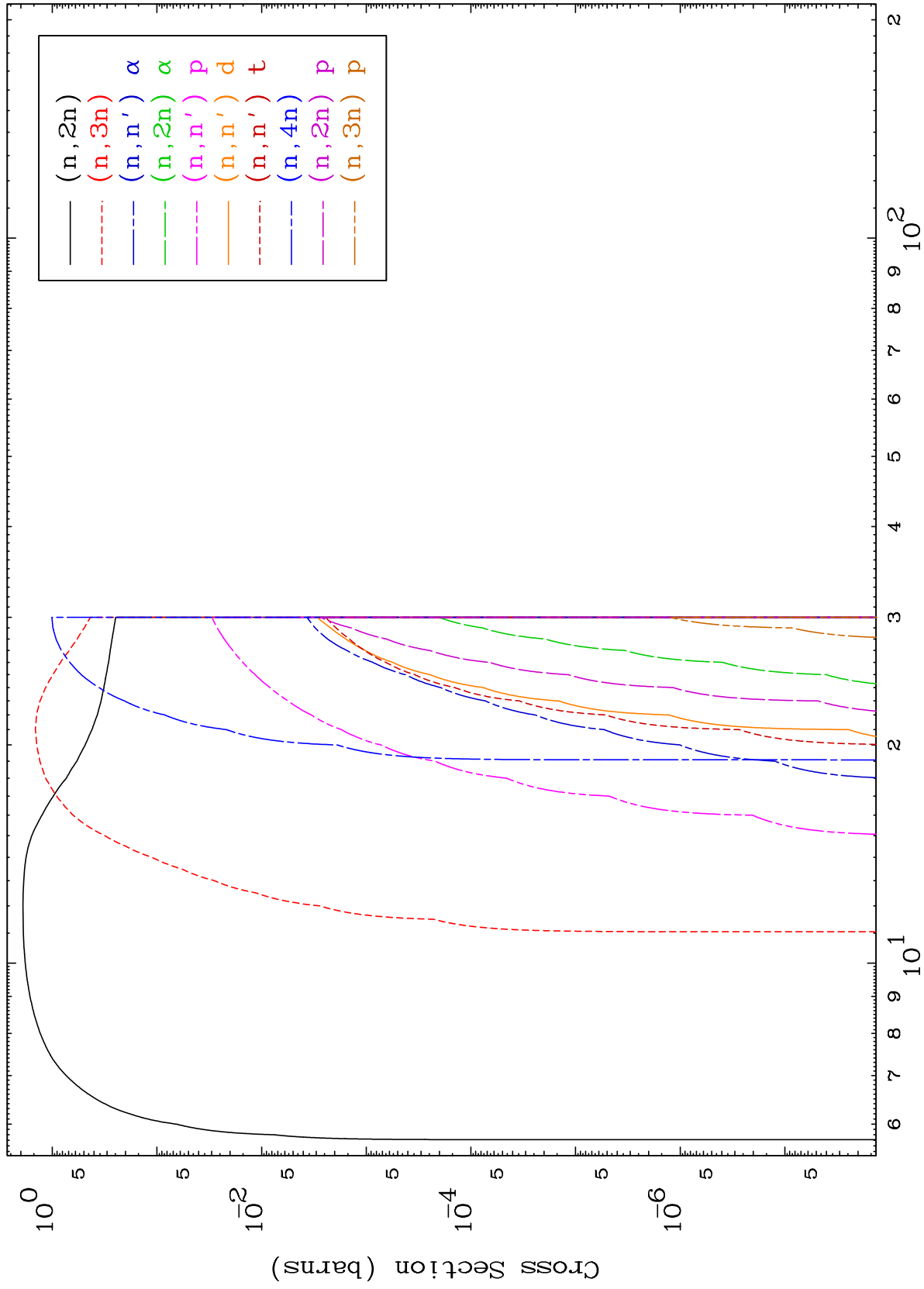
50-Sn-130



MAT 5080

Neutron Production
293 Kelvin Cross Sections

50-Sn-130



2

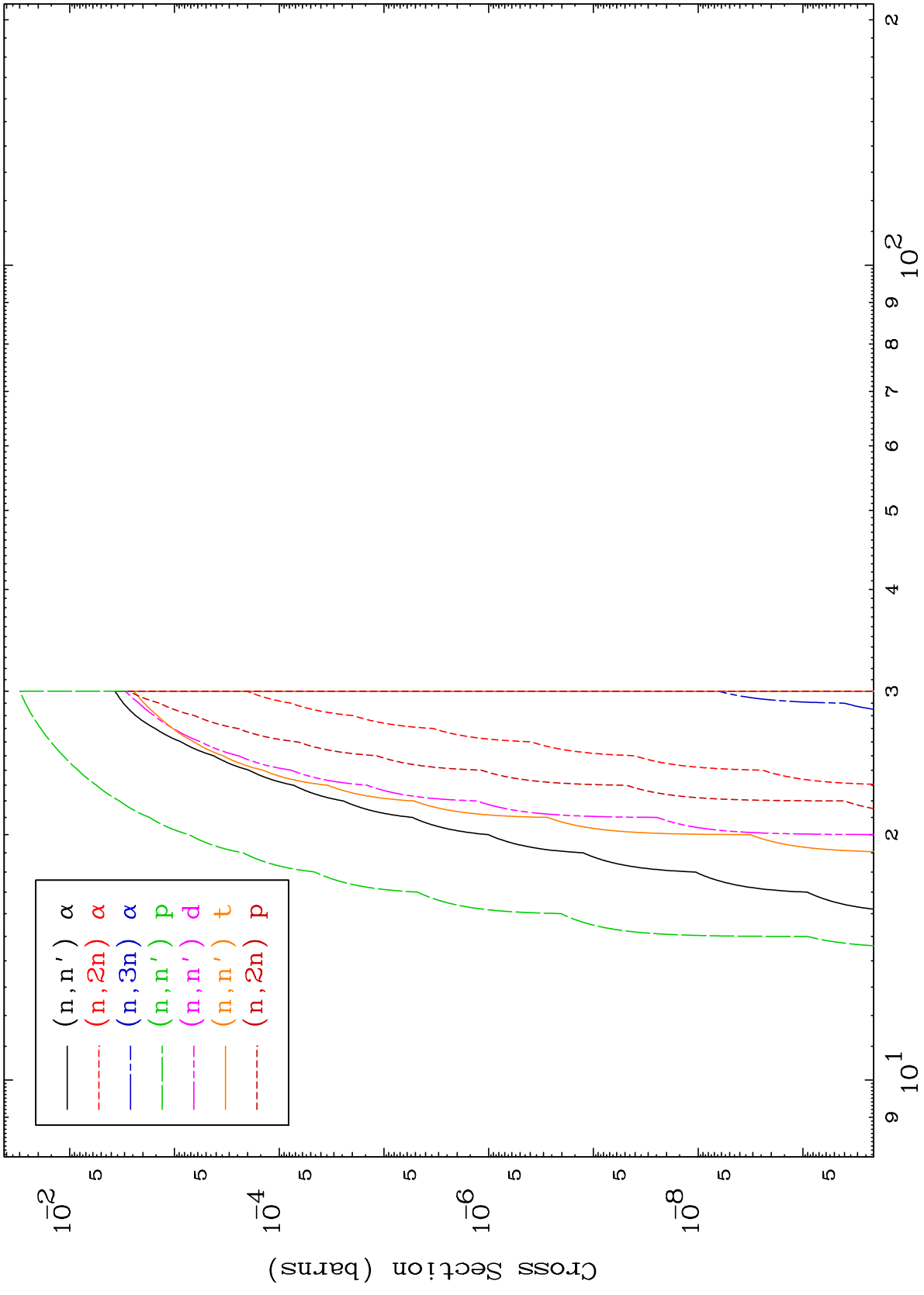
Incident Energy (MeV)

50-Sn-130

MAT 5080

Charged Particle
293 Kelvin Cross Sections

50-Sn-130



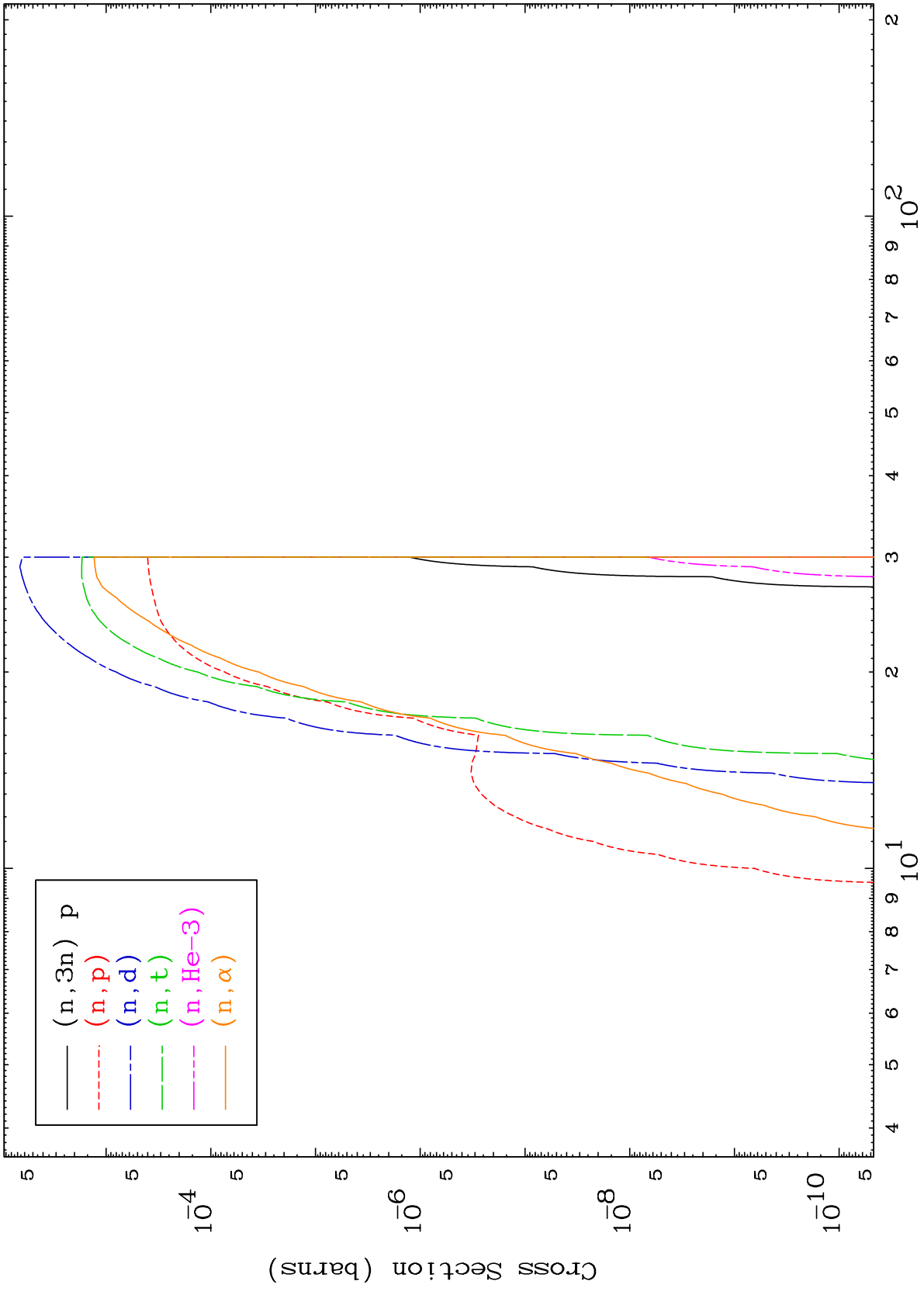
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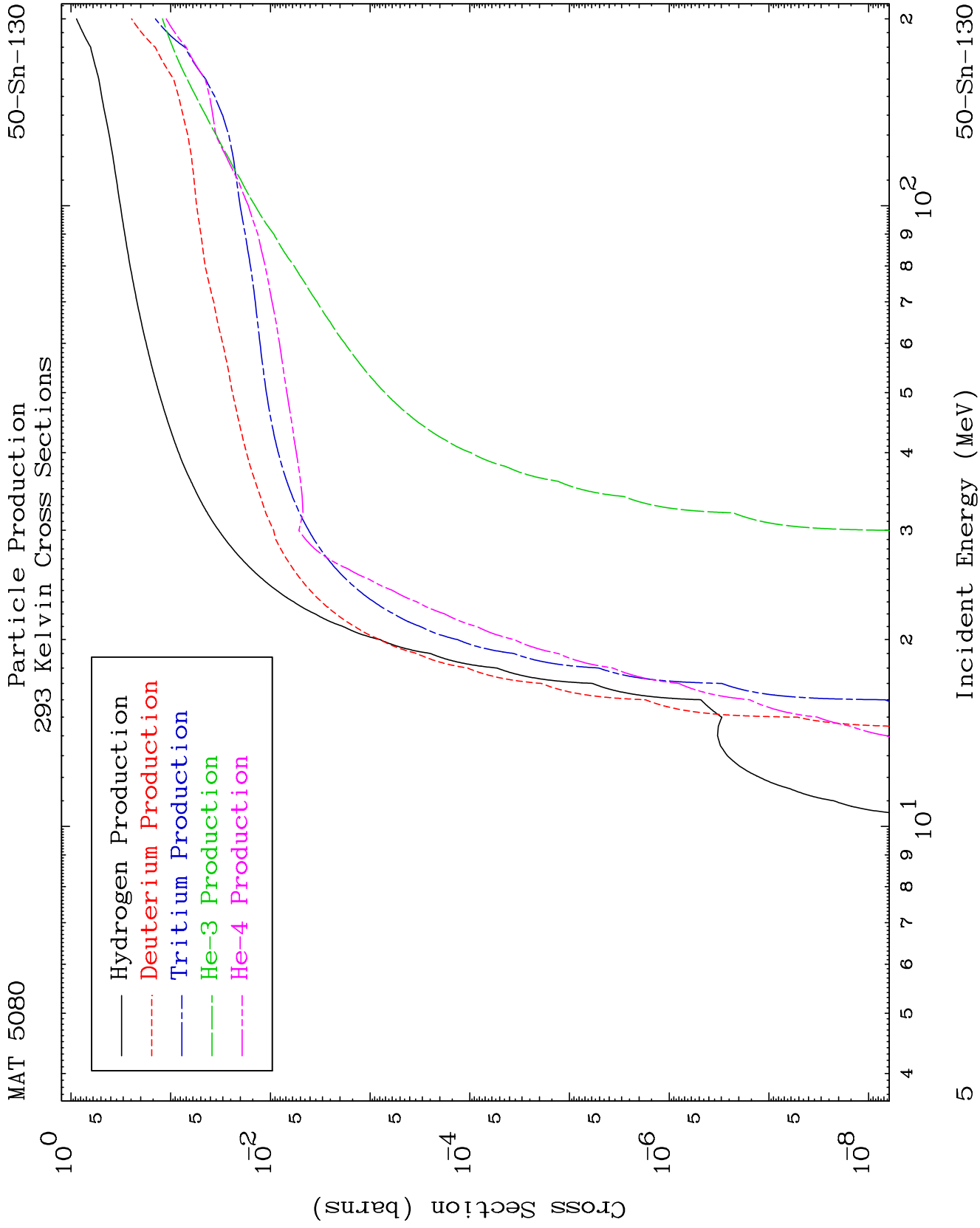
50-Sn-130

MAT 5080

Charged Particle
293 Kelvin Cross Sections

50-Sn-130



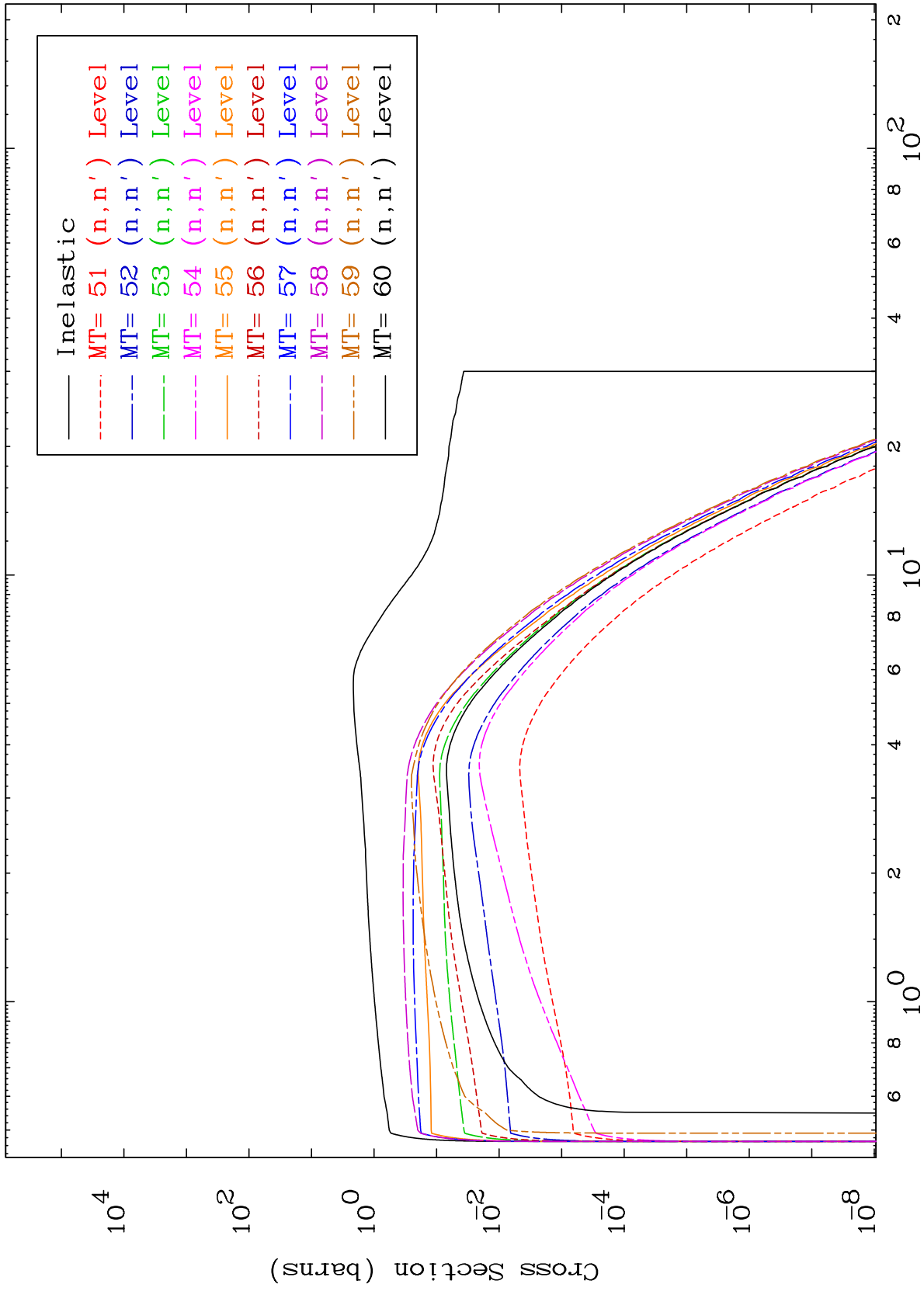


MAT 5080

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections



6

Incident Energy (MeV)

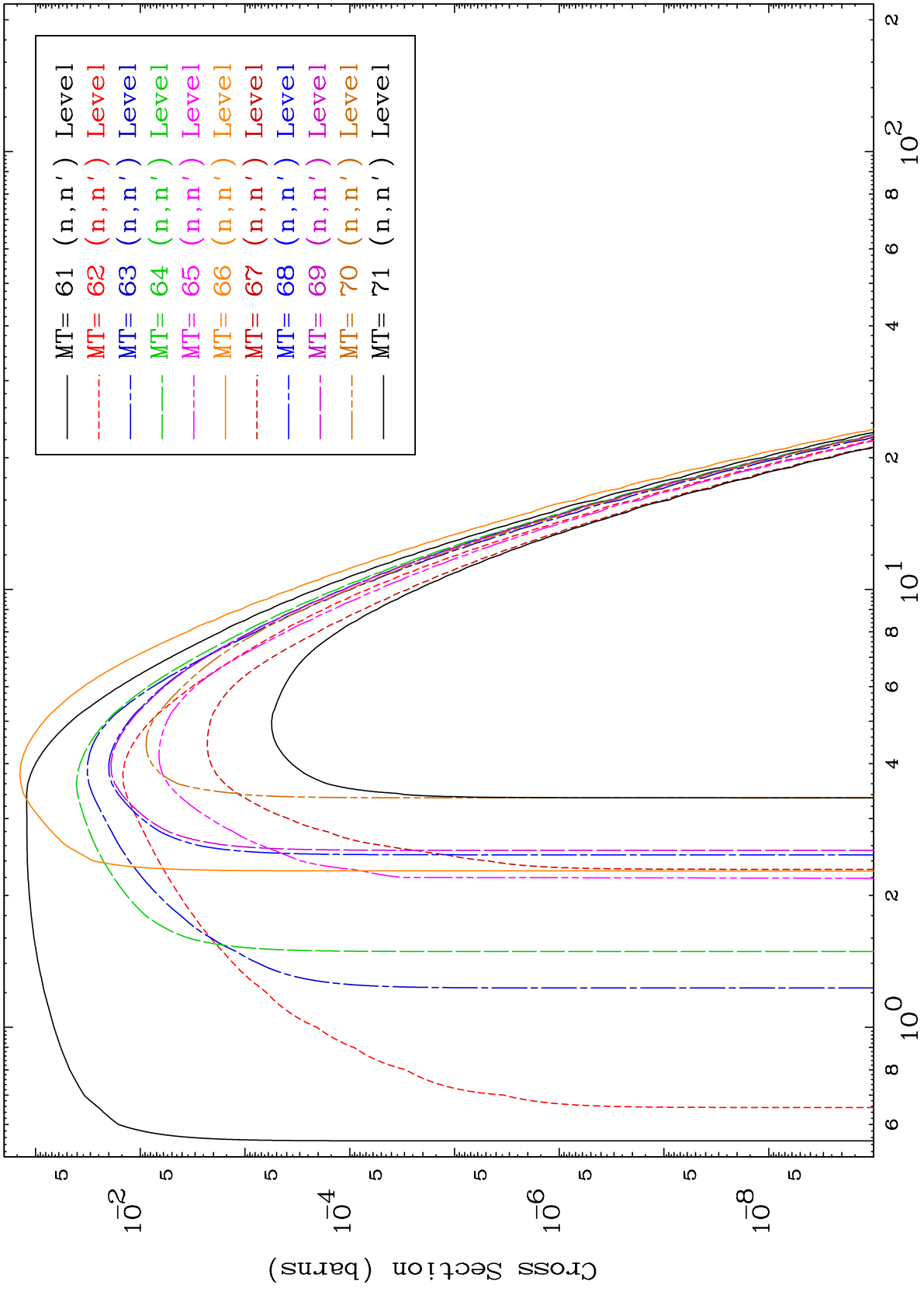
50-Sn-130

MAT 5080

(n,n') Level

50-Sn-130

293 Kelvin Cross Sections



7

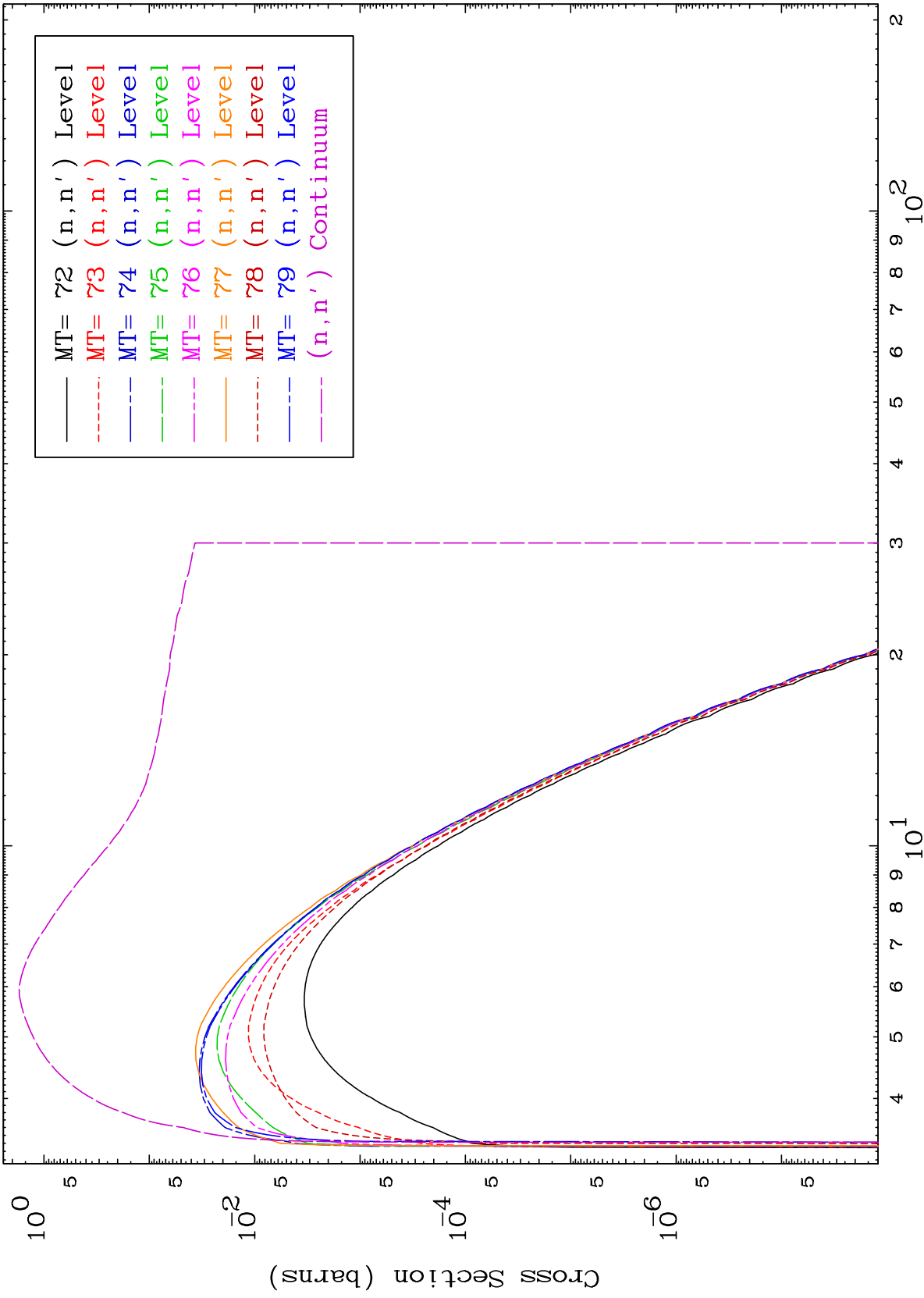
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,n') Level
293 Kelvin Cross Sections

50-Sn-130



8

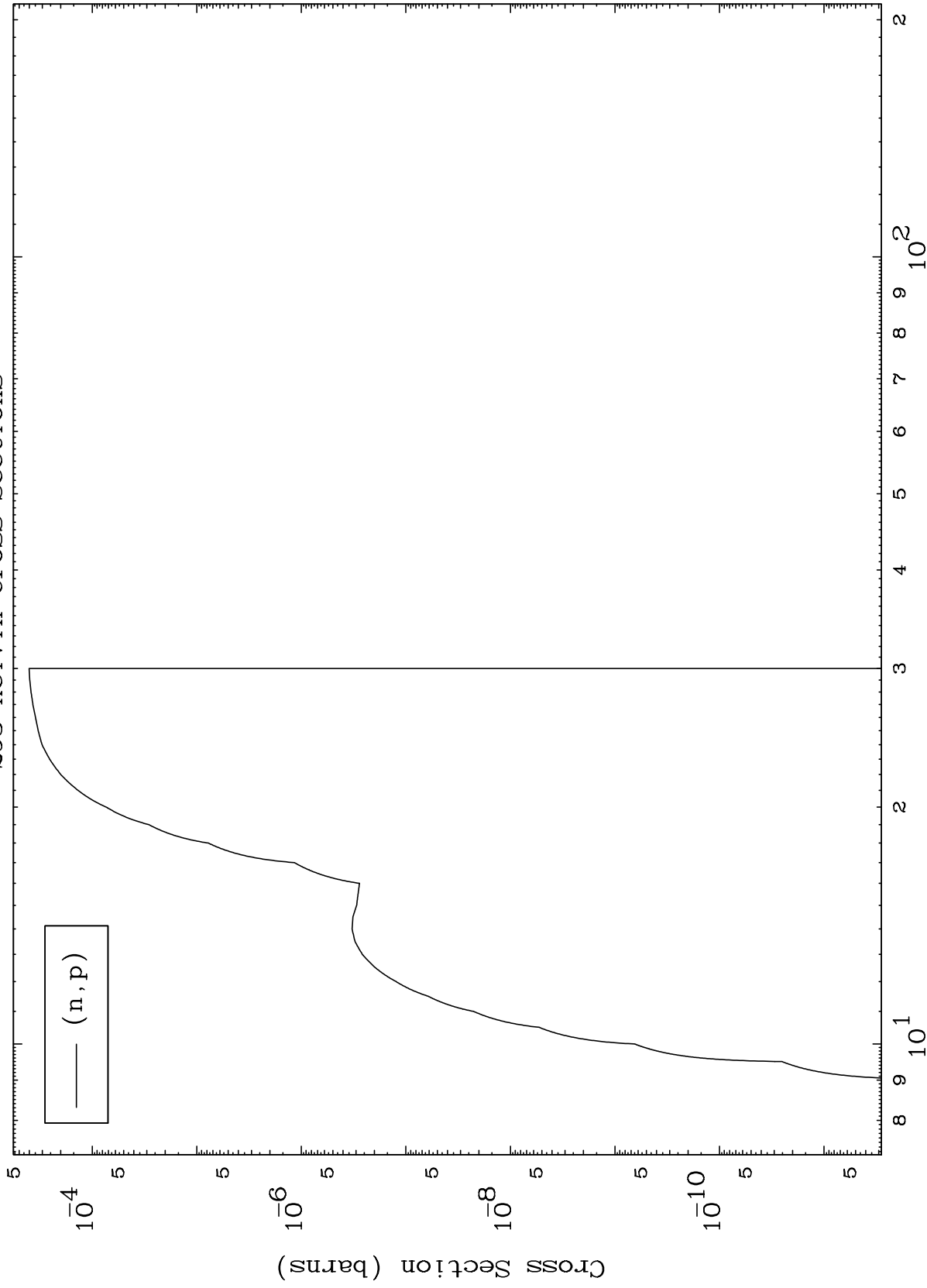
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,p) Levels
293 Kelvin Cross Sections

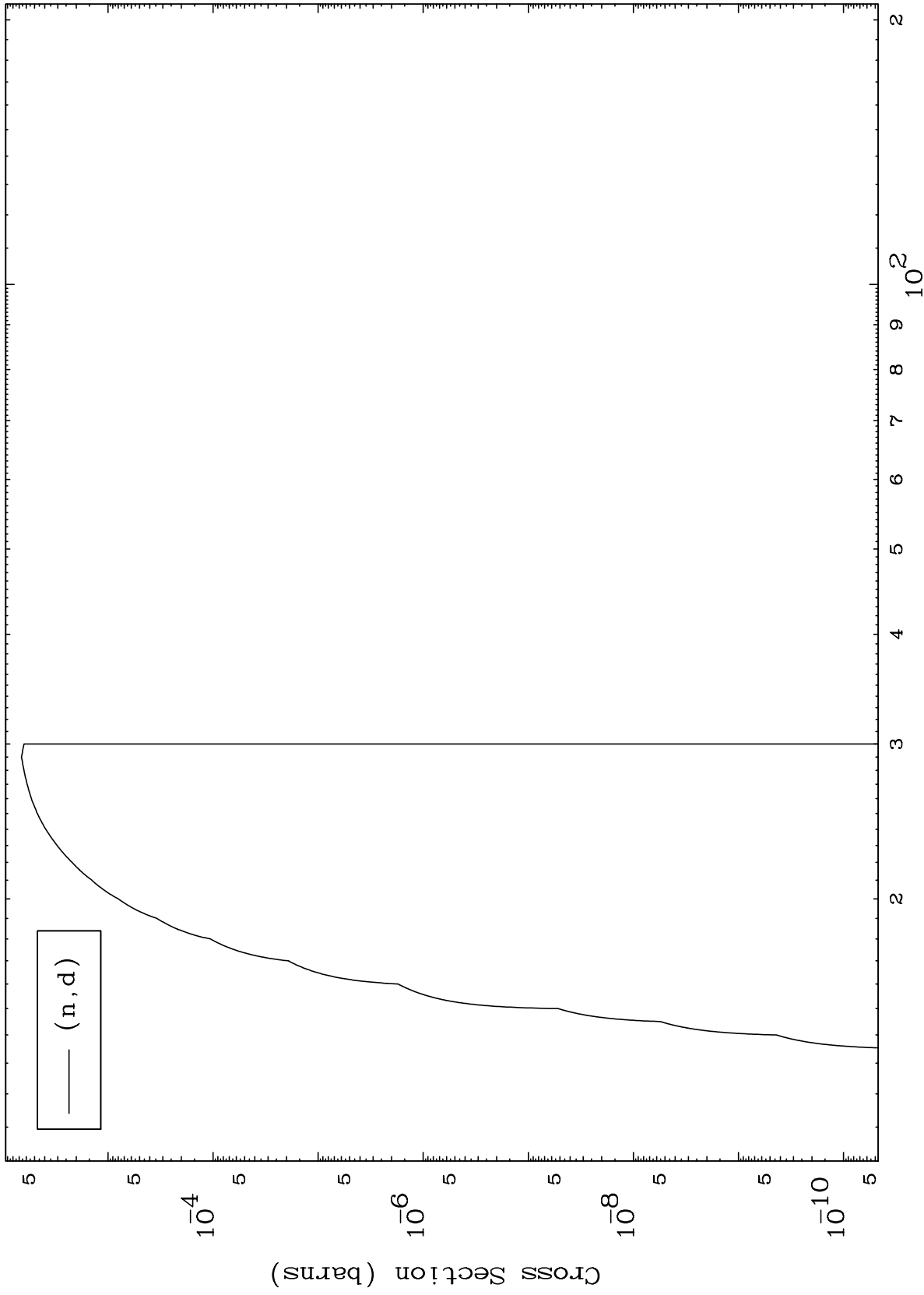
50-Sn-130



MAT 5080

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-130



10

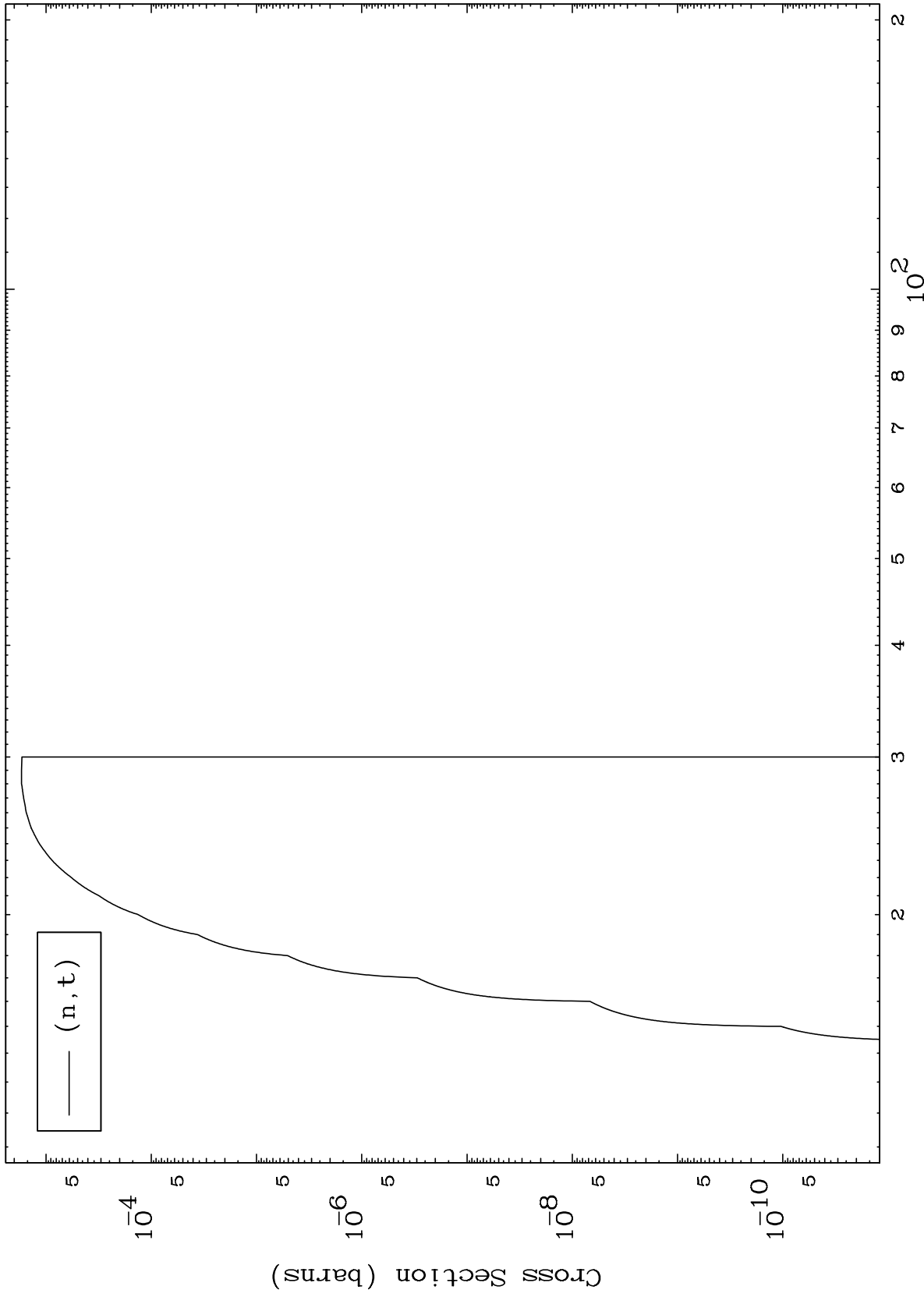
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130



11

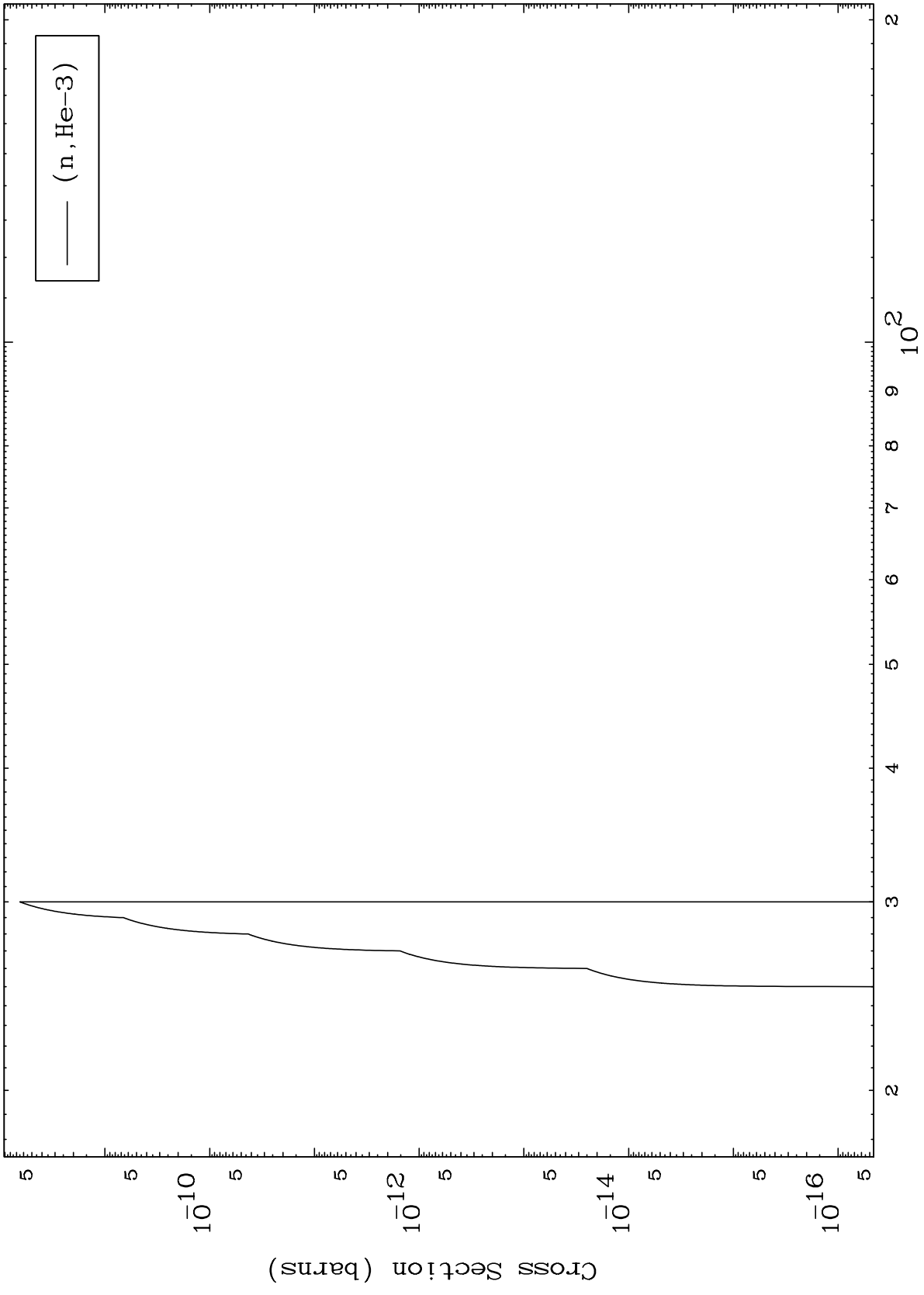
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-130



12

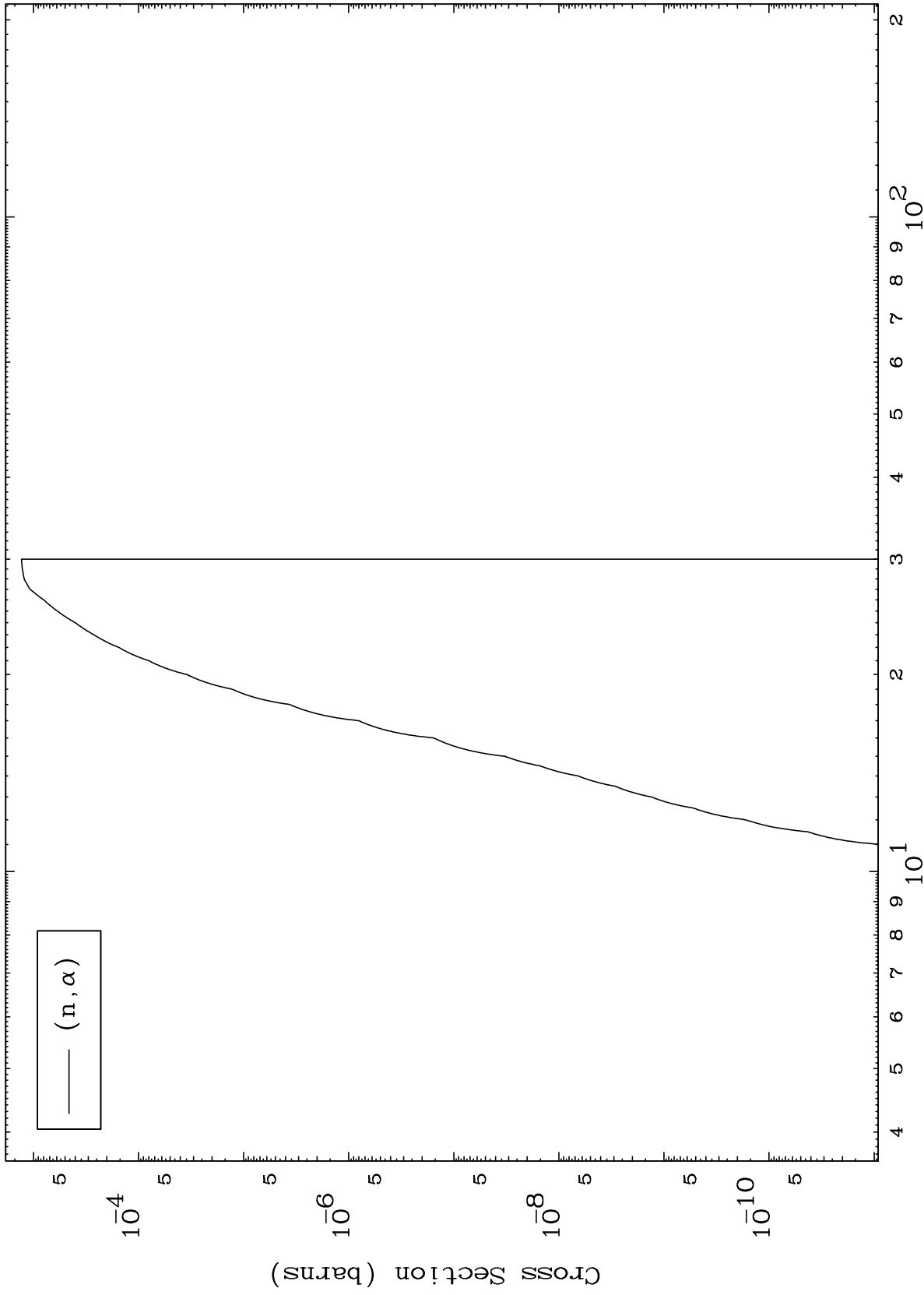
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,α) Levels
293 Kelvin Cross Sections

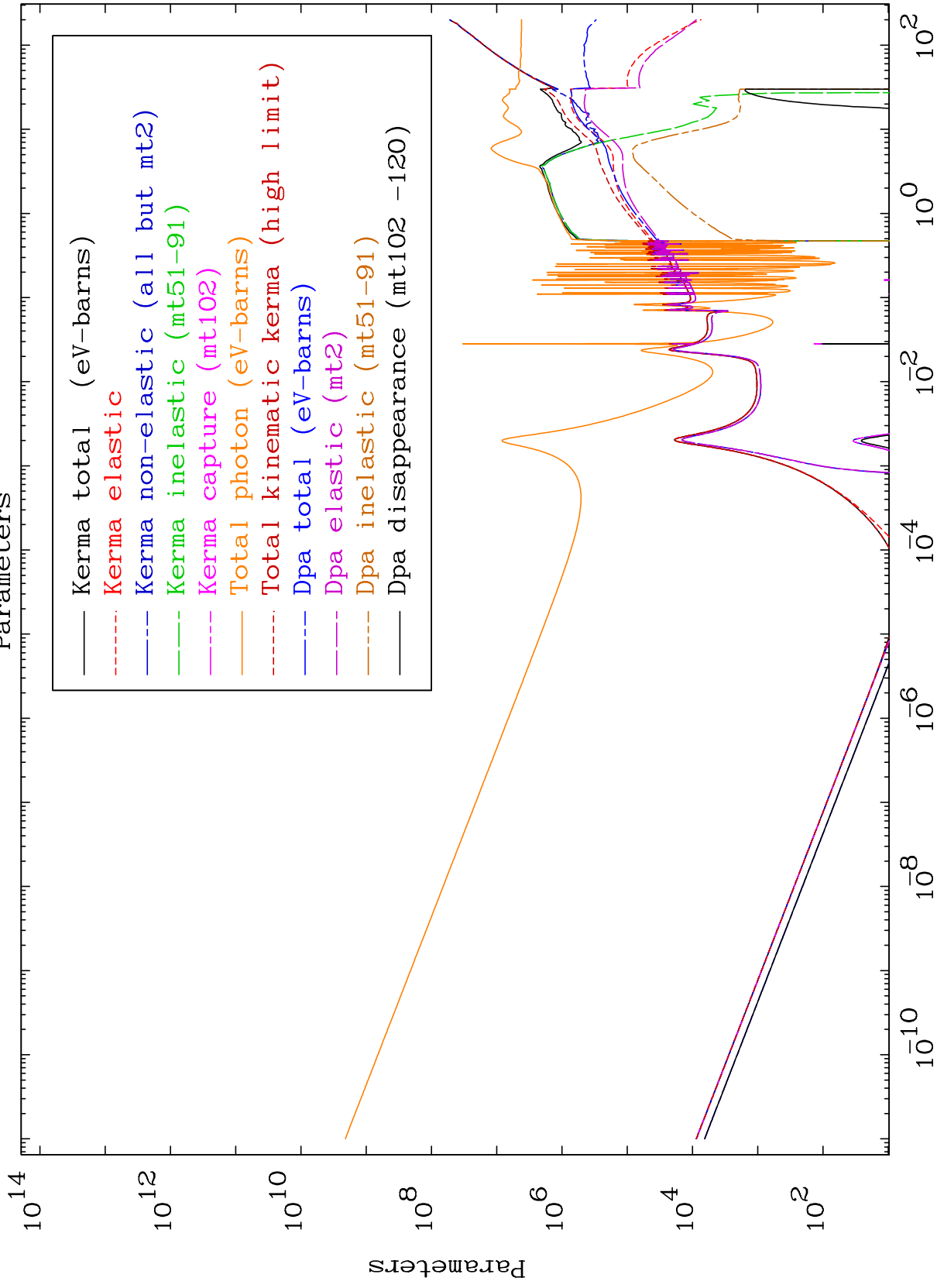
50-Sn-130

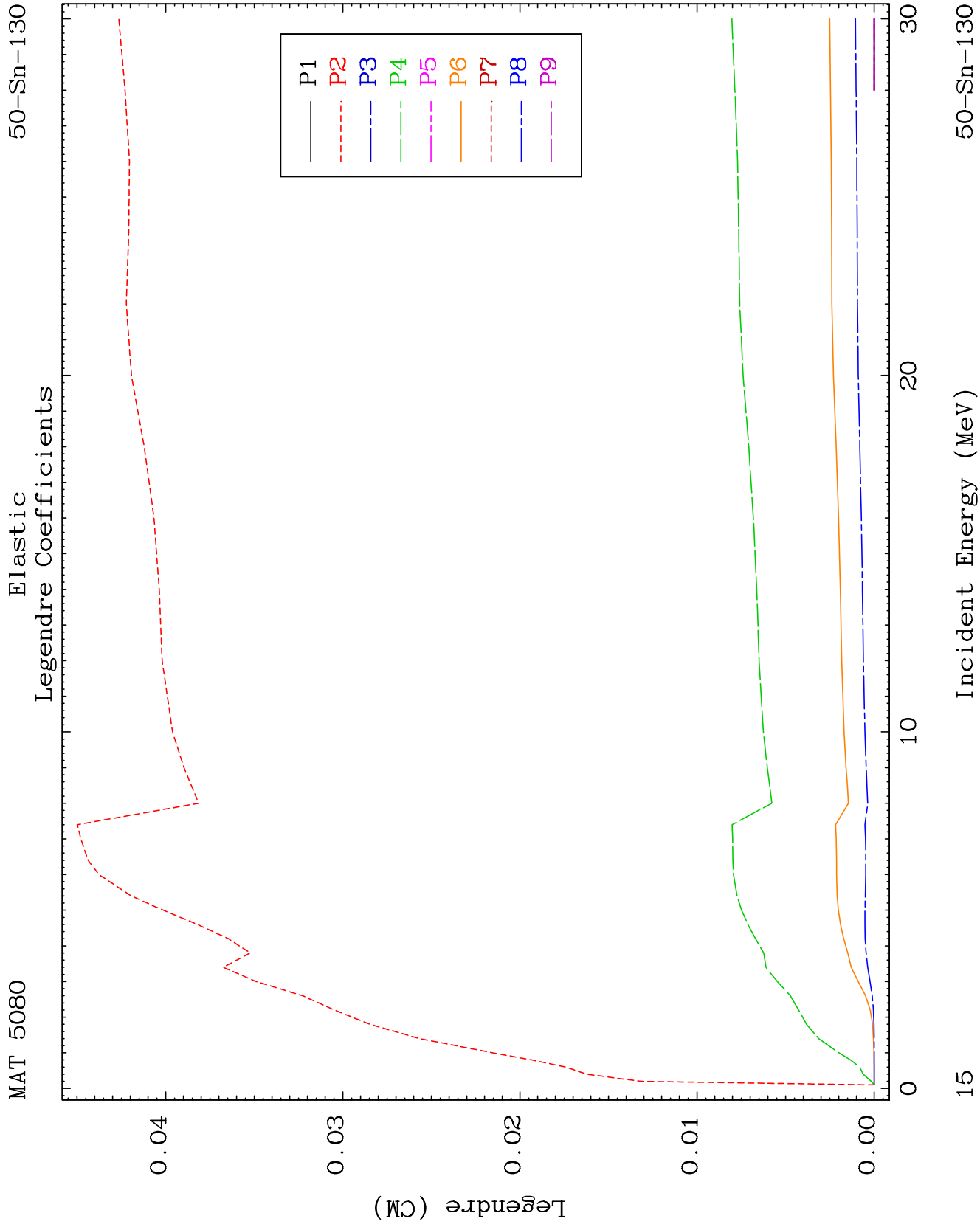


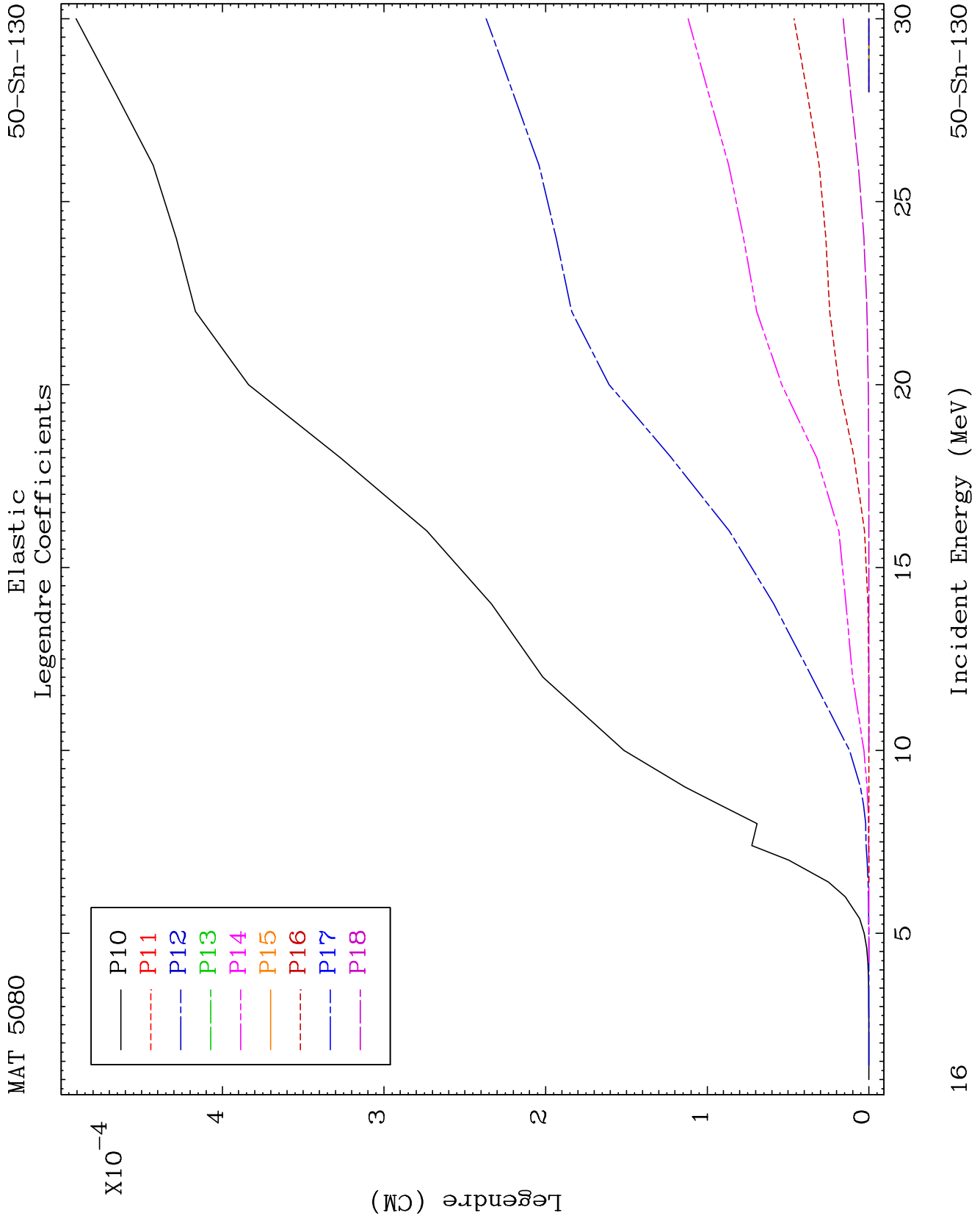
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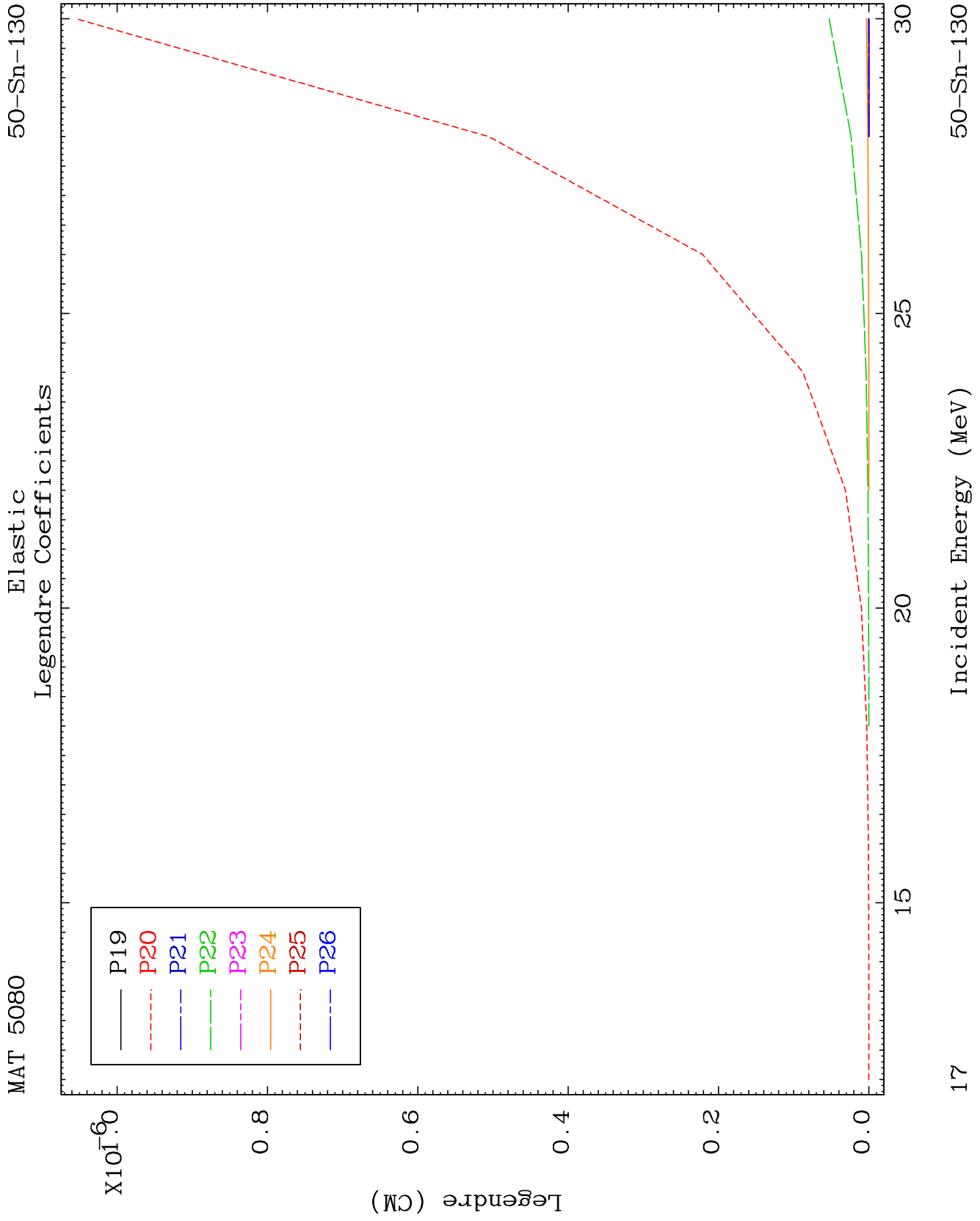
Incident Energy (MeV)

50-Sn-130





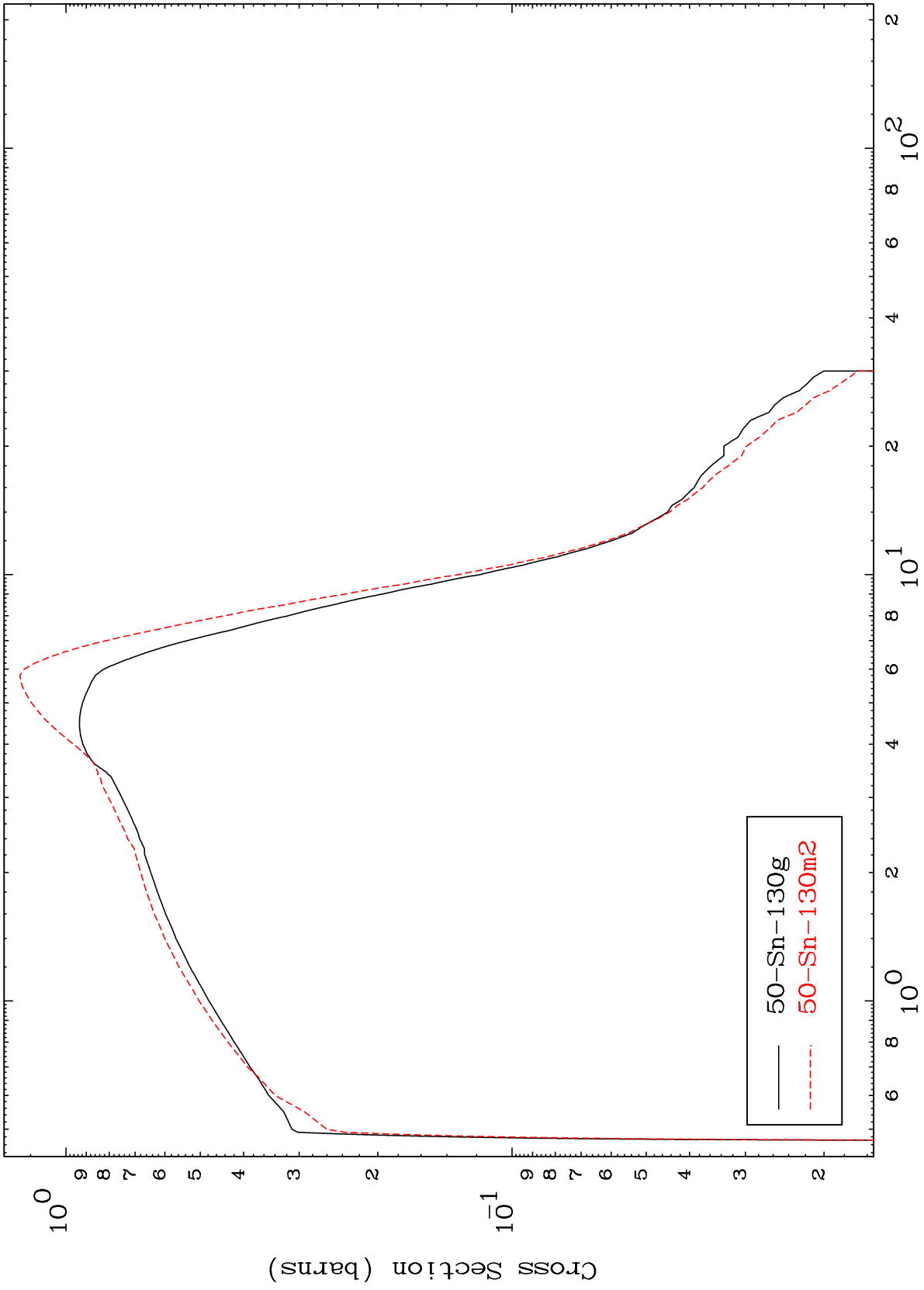




MAT 5080

Inelastic
Radionuclide Production Cross Section

50-Sn-130



18

Incident Energy (MeV)

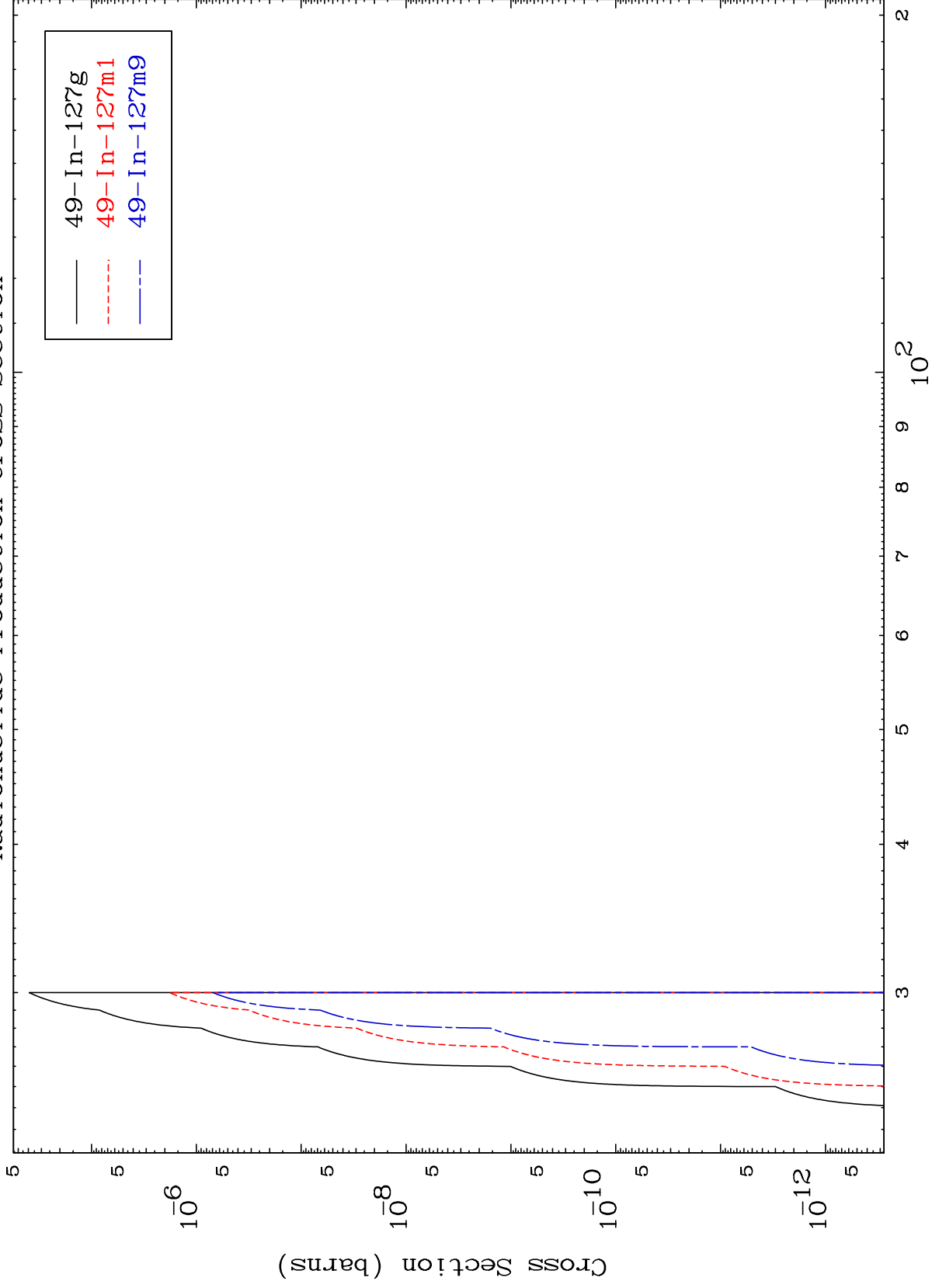
50-Sn-130

MAT 5080

(n,2n) d

50-Sn-130

Radionuclide Production Cross Section



19

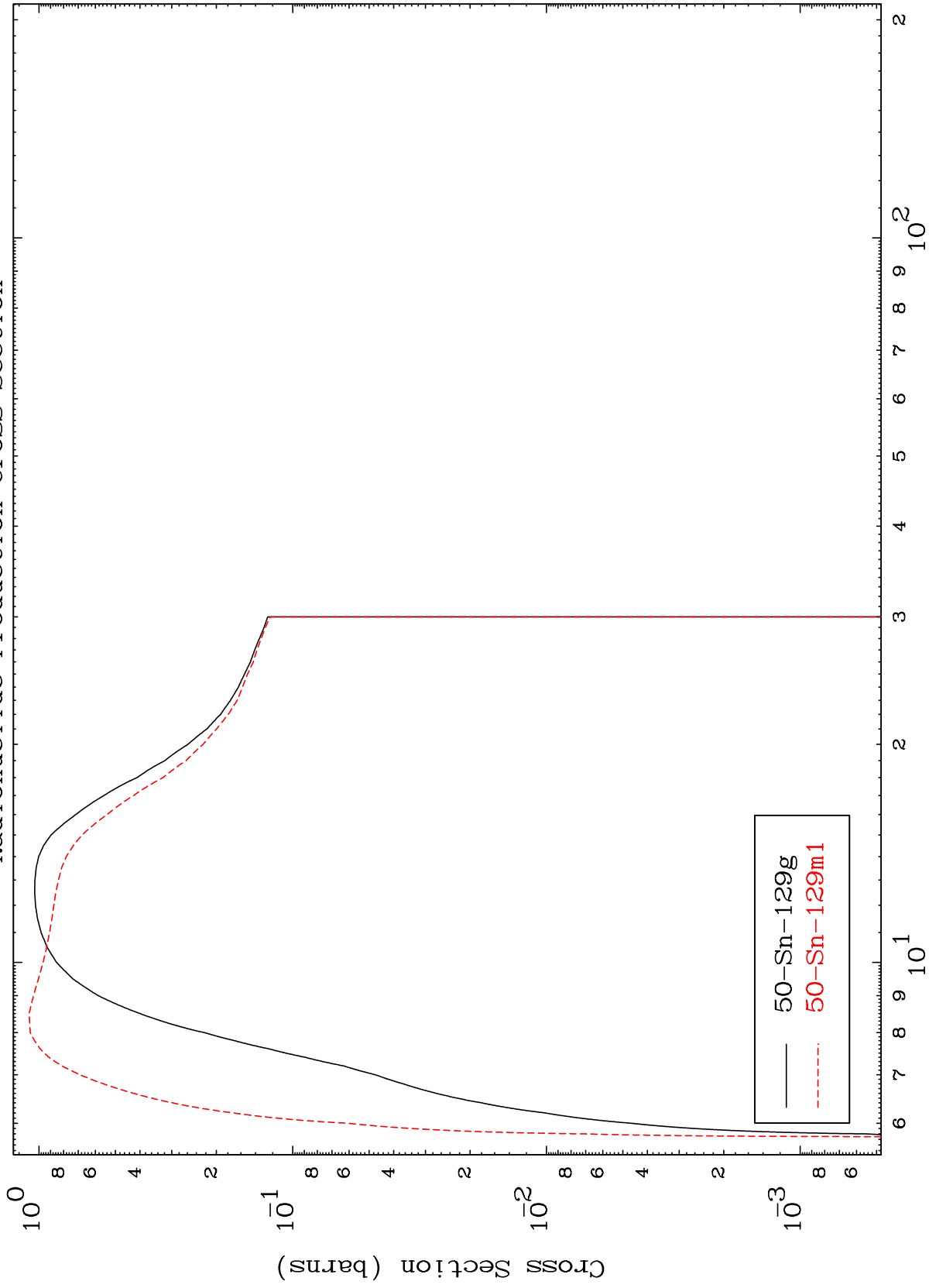
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

Radionuclide Production Cross Section
(n,2n)



20

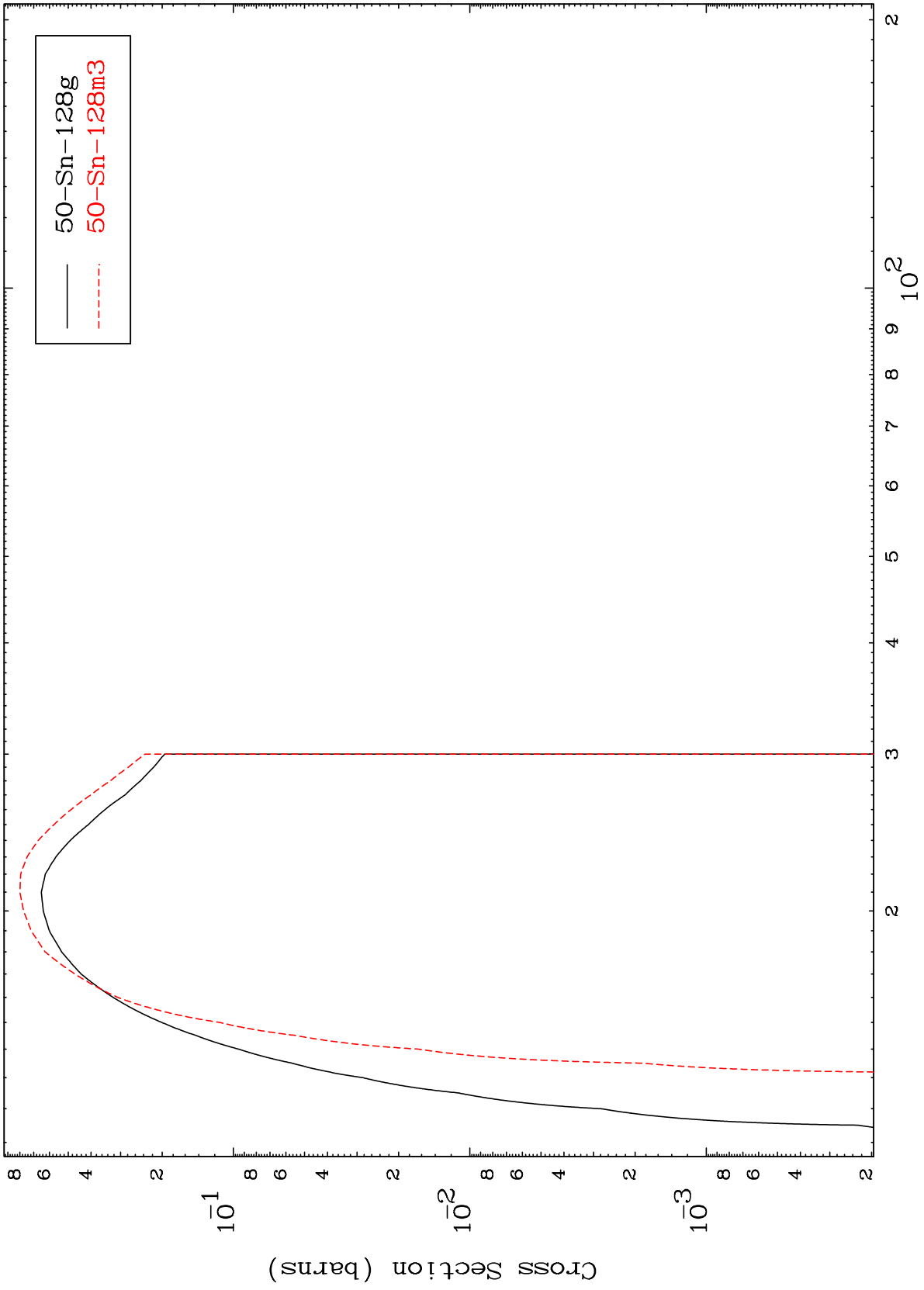
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

(n,3n)
Radionuclide Production Cross Section



21

50-Sn-130

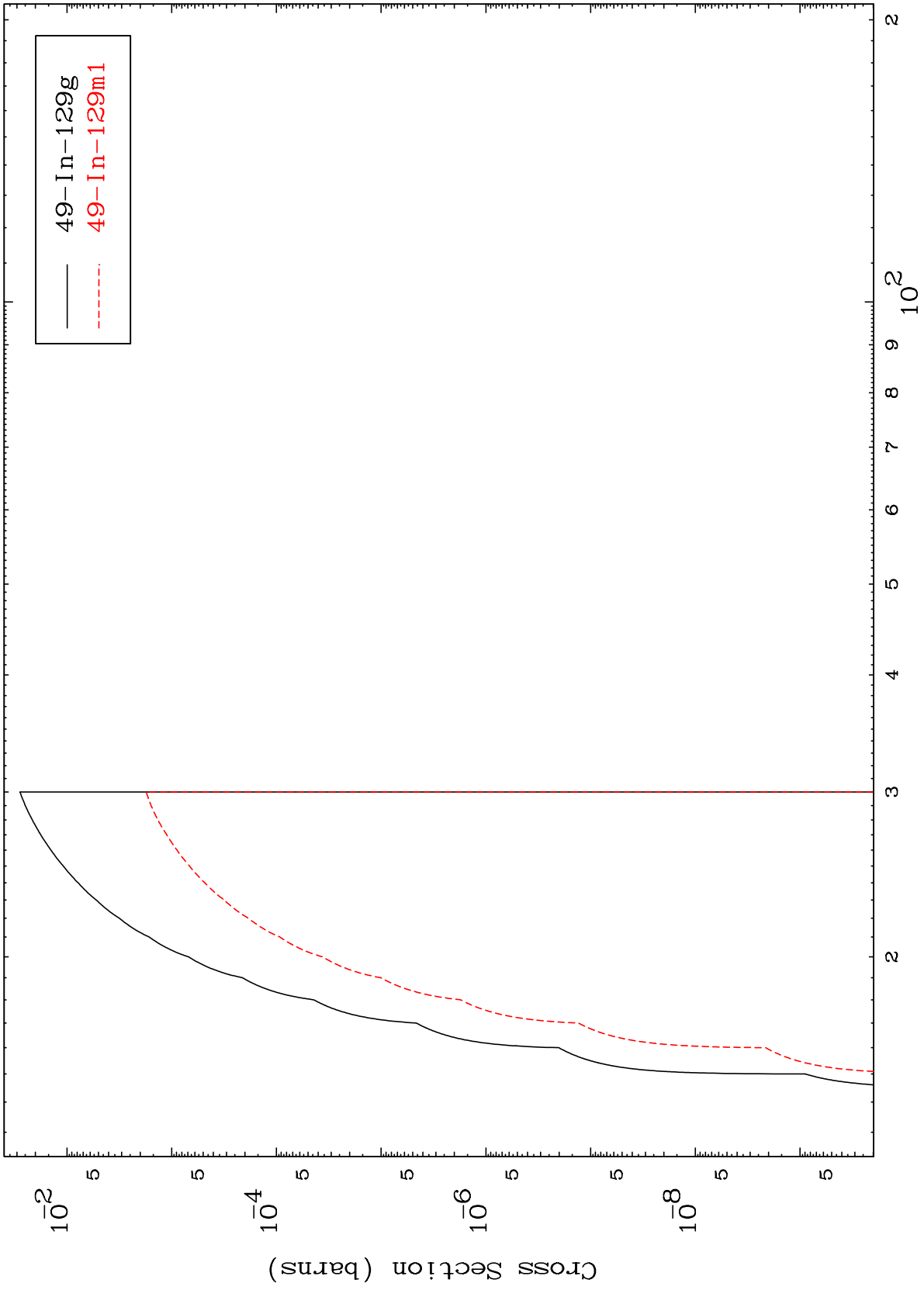
Incident Energy (MeV)

MAT 5080

(n,n') p

50-Sn-130

Radionuclide Production Cross Section



22

Incident Energy (MeV)

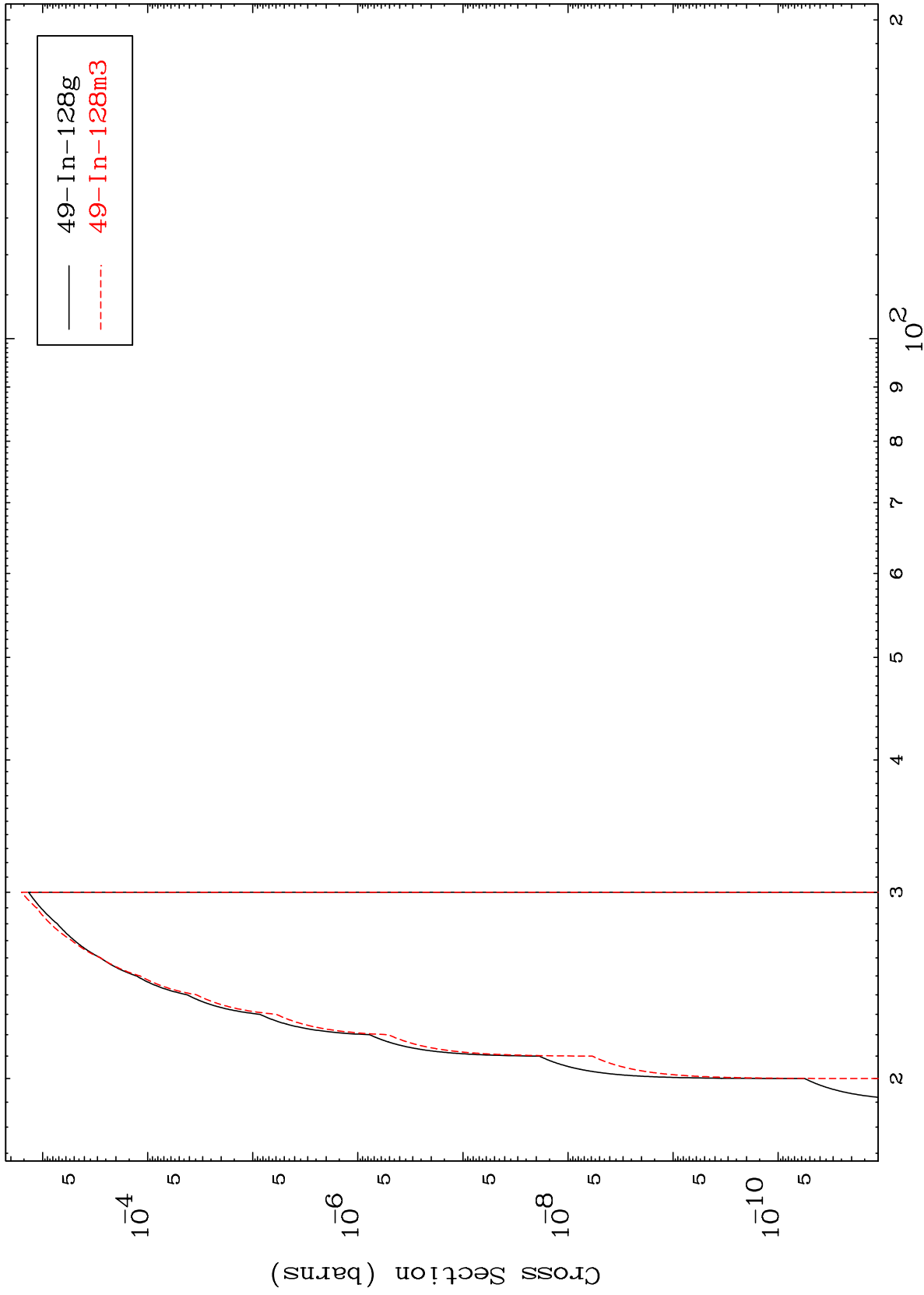
50-Sn-130

MAT 5080

(n,n') d

50-Sn-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

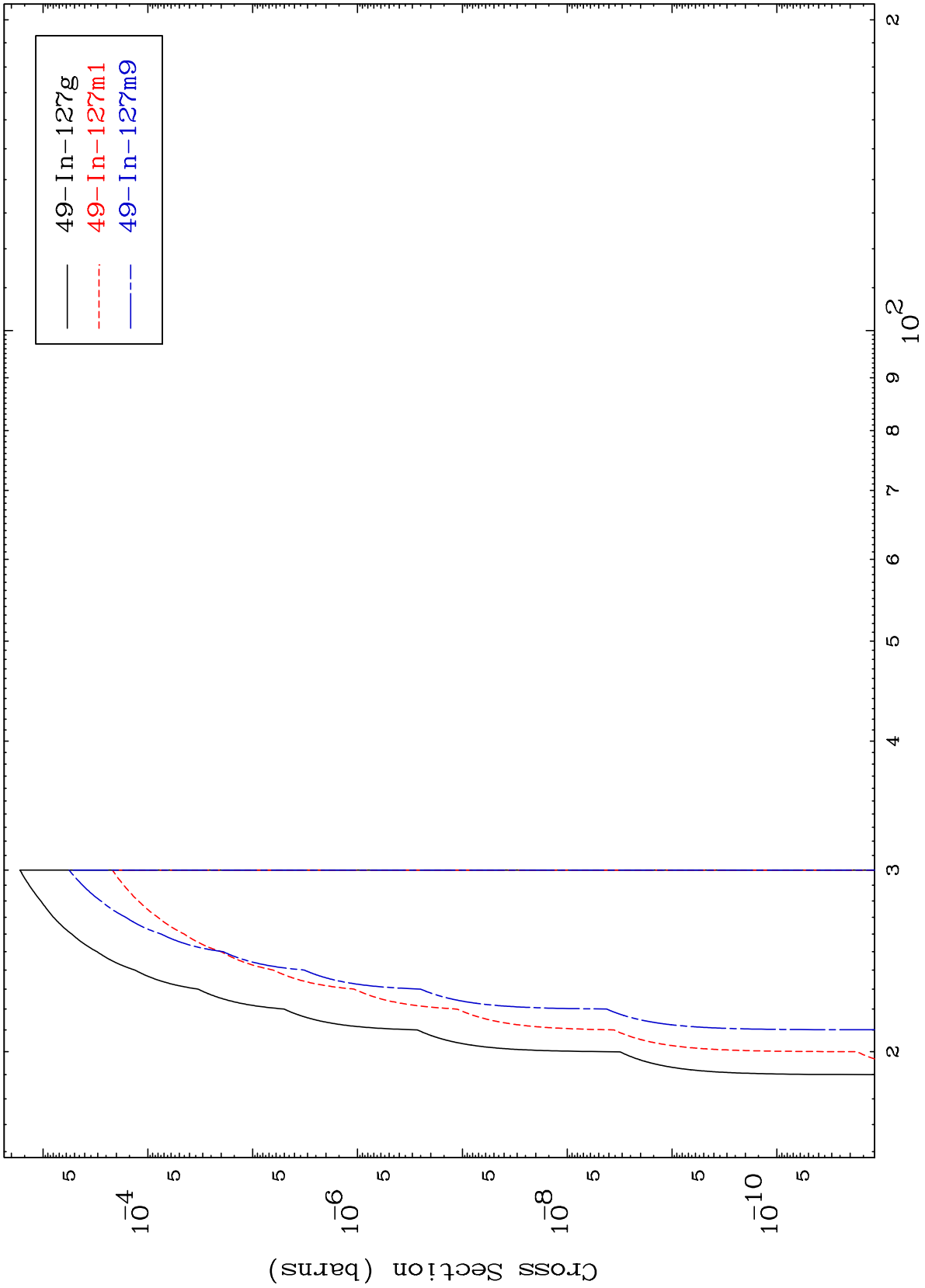
50-Sn-130

MAT 5080

(n,n') t

50-Sn-130

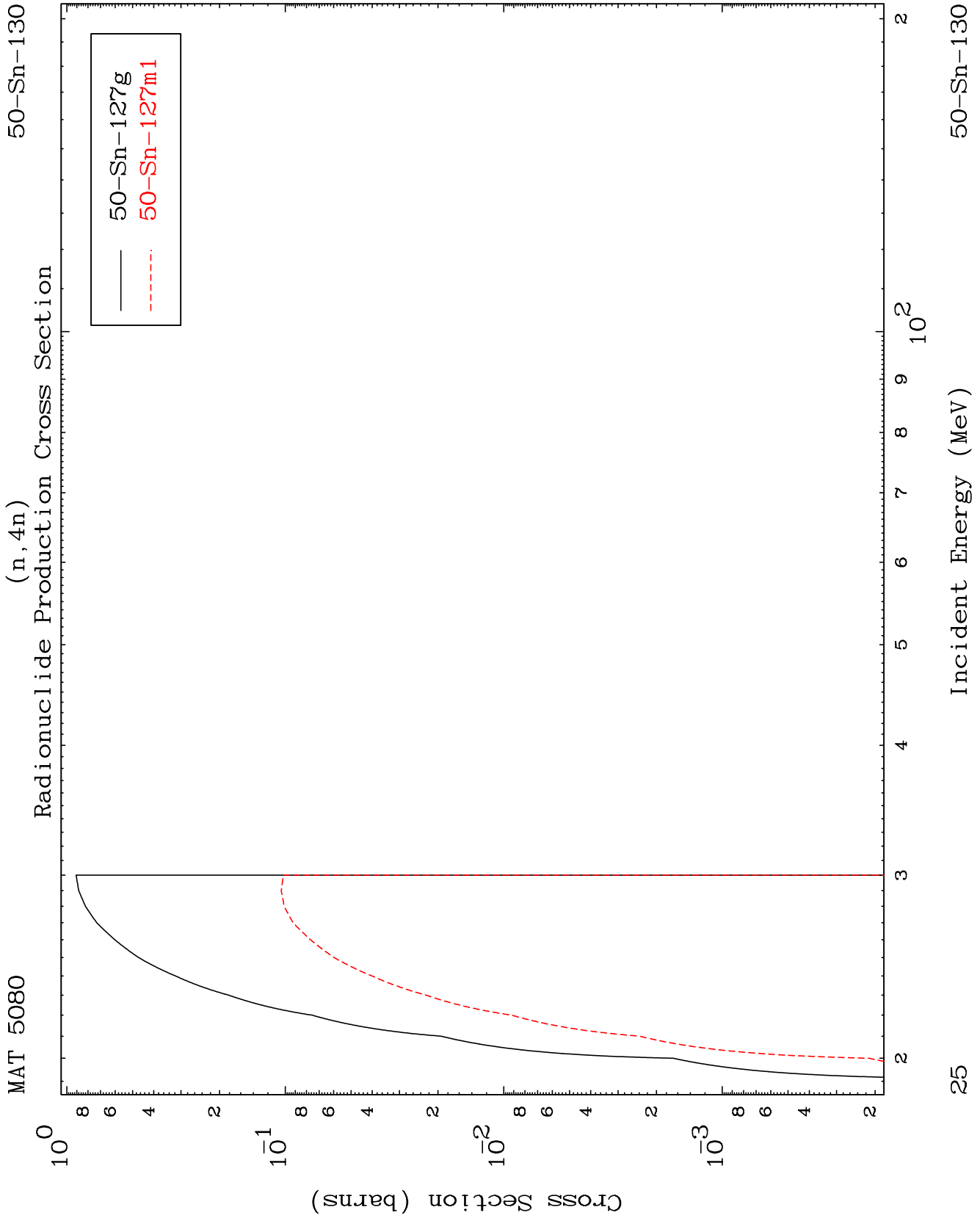
Radionuclide Production Cross Section



24

Incident Energy (MeV)

50-Sn-130

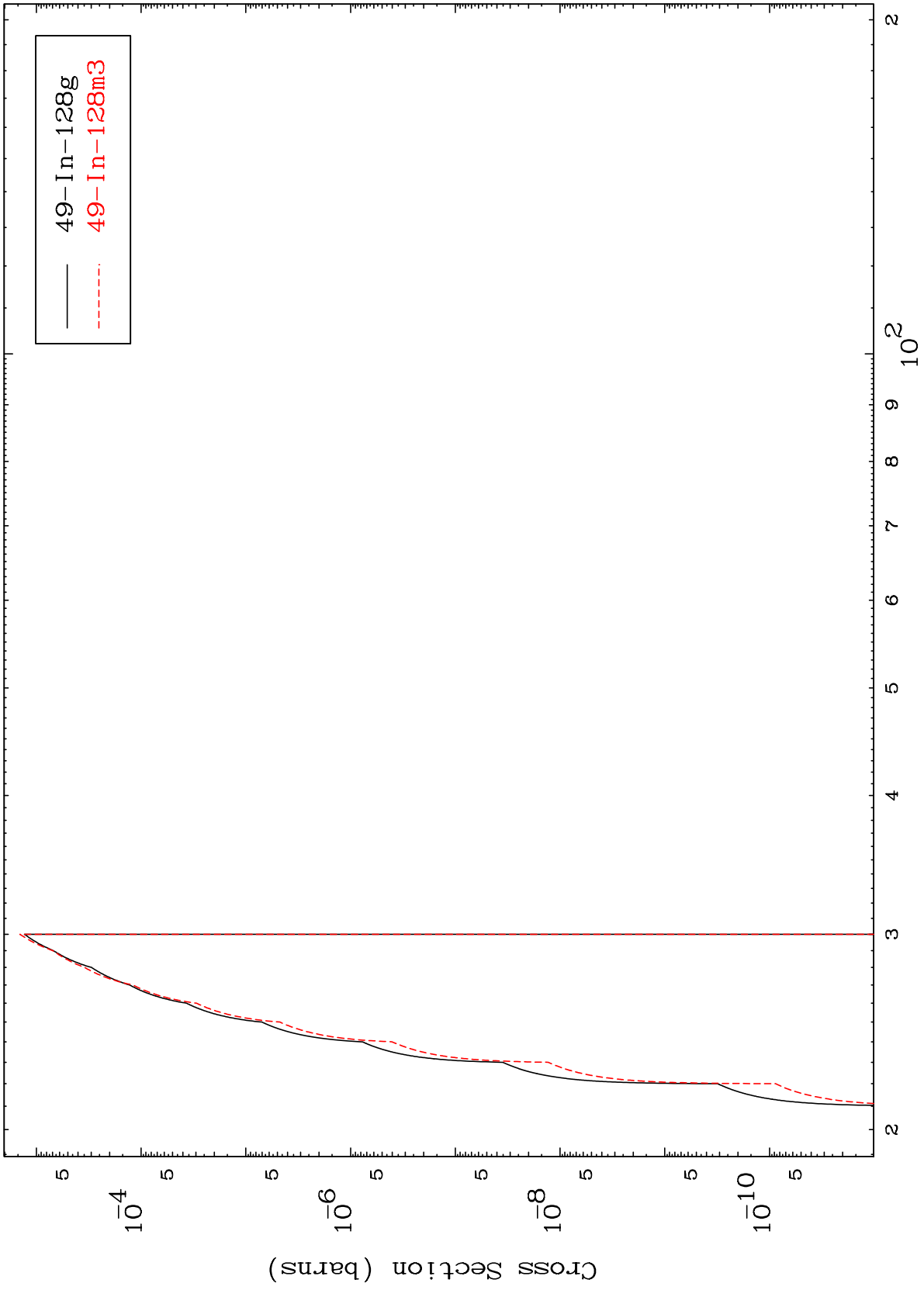


MAT 5080

(n,2n) p

50-Sn-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

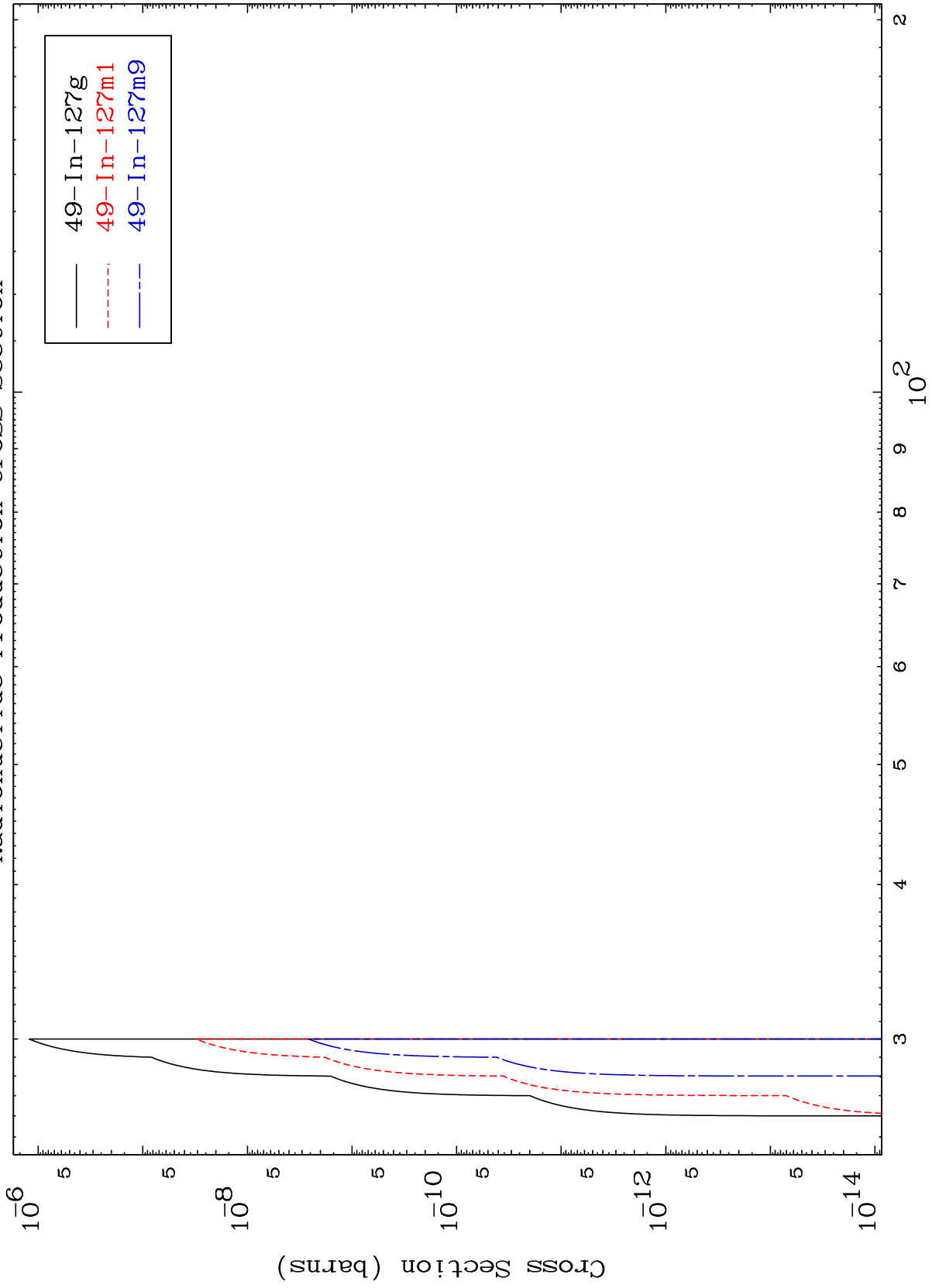
50-Sn-130

MAT 5080

(n,3n) p

50-Sn-130

Radionuclide Production Cross Section



27

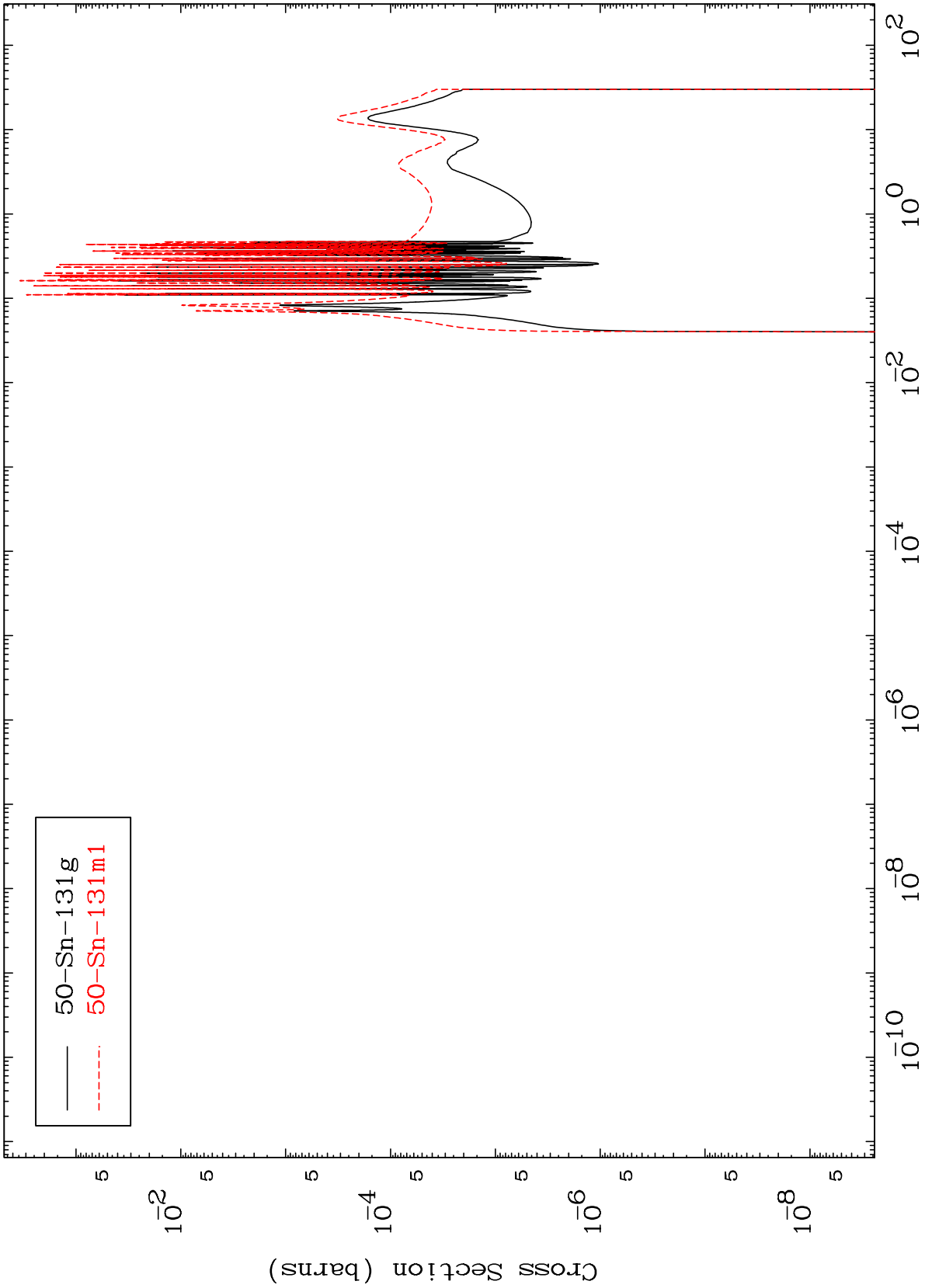
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

Radionuclide Production Cross Section
(n,γ)

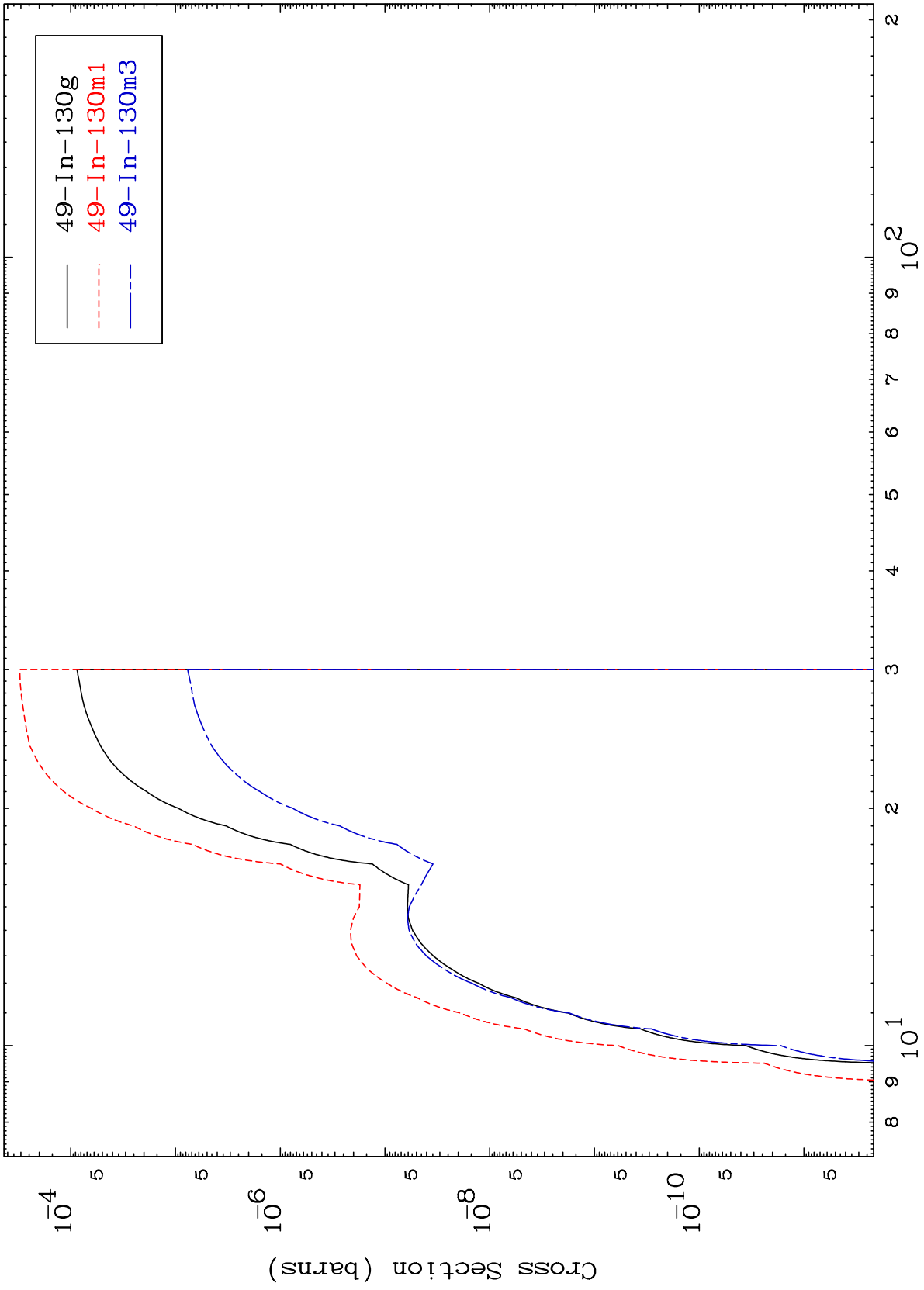


50-Sn-130

MAT 5080

50-Sn-130

(n,p)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

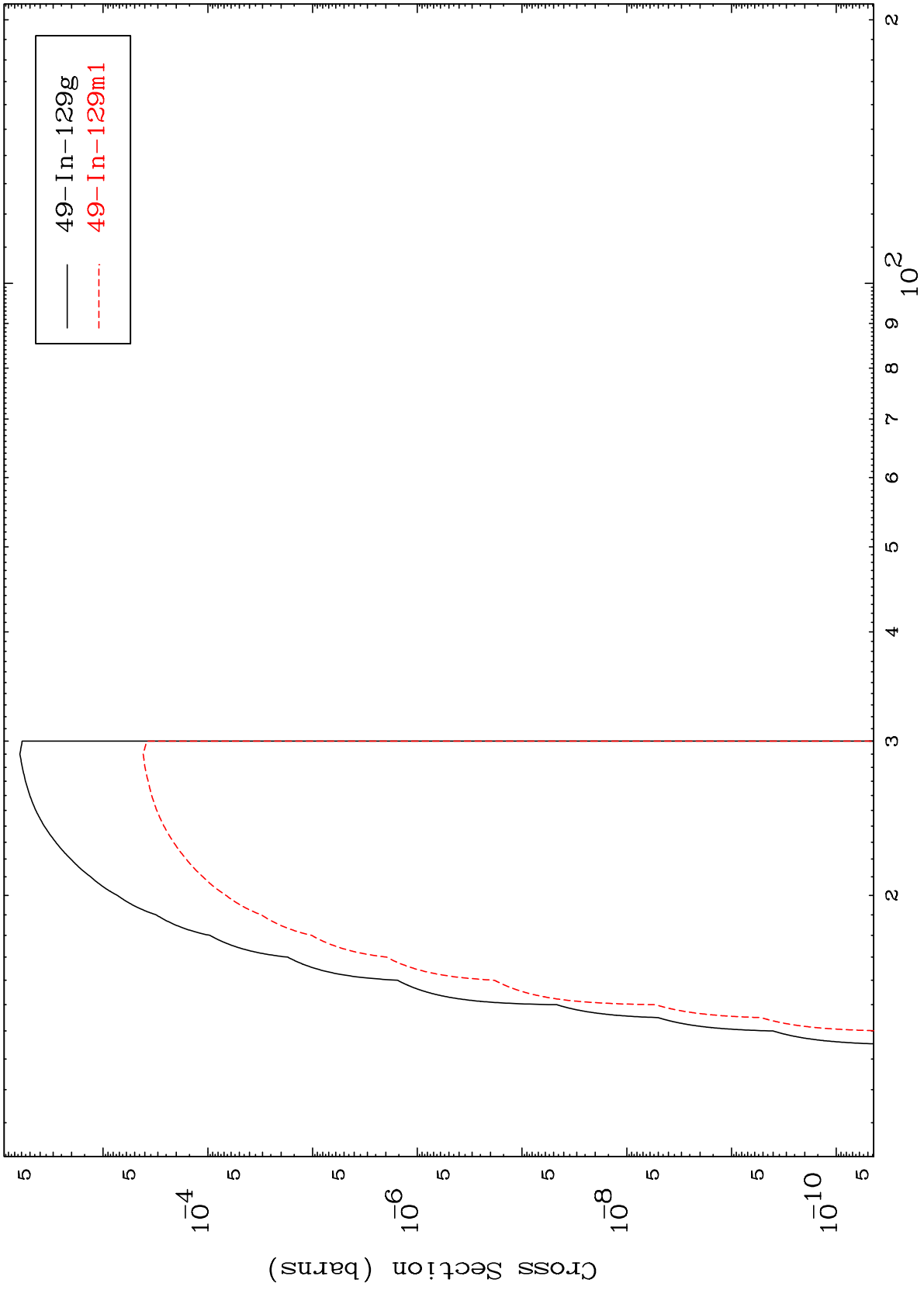
50-Sn-130

MAT 5080

(n,d)

50-Sn-130

Radionuclide Production Cross Section



30

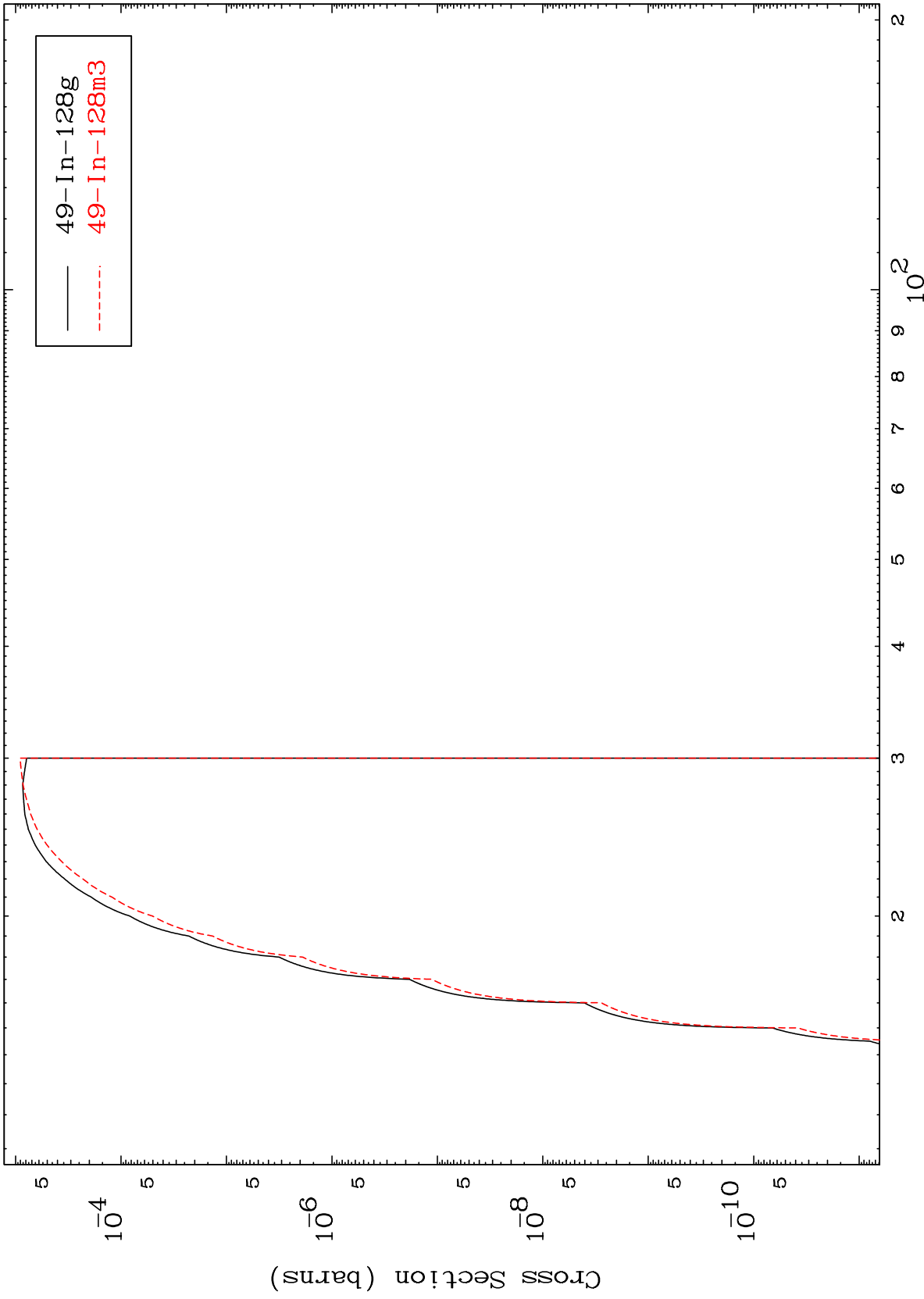
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n, t)
Radionuclide Production Cross Section

50-Sn-130



31

Incident Energy (MeV)

50-Sn-130