

Program EVALPLOT
(Version 2015-2)

by

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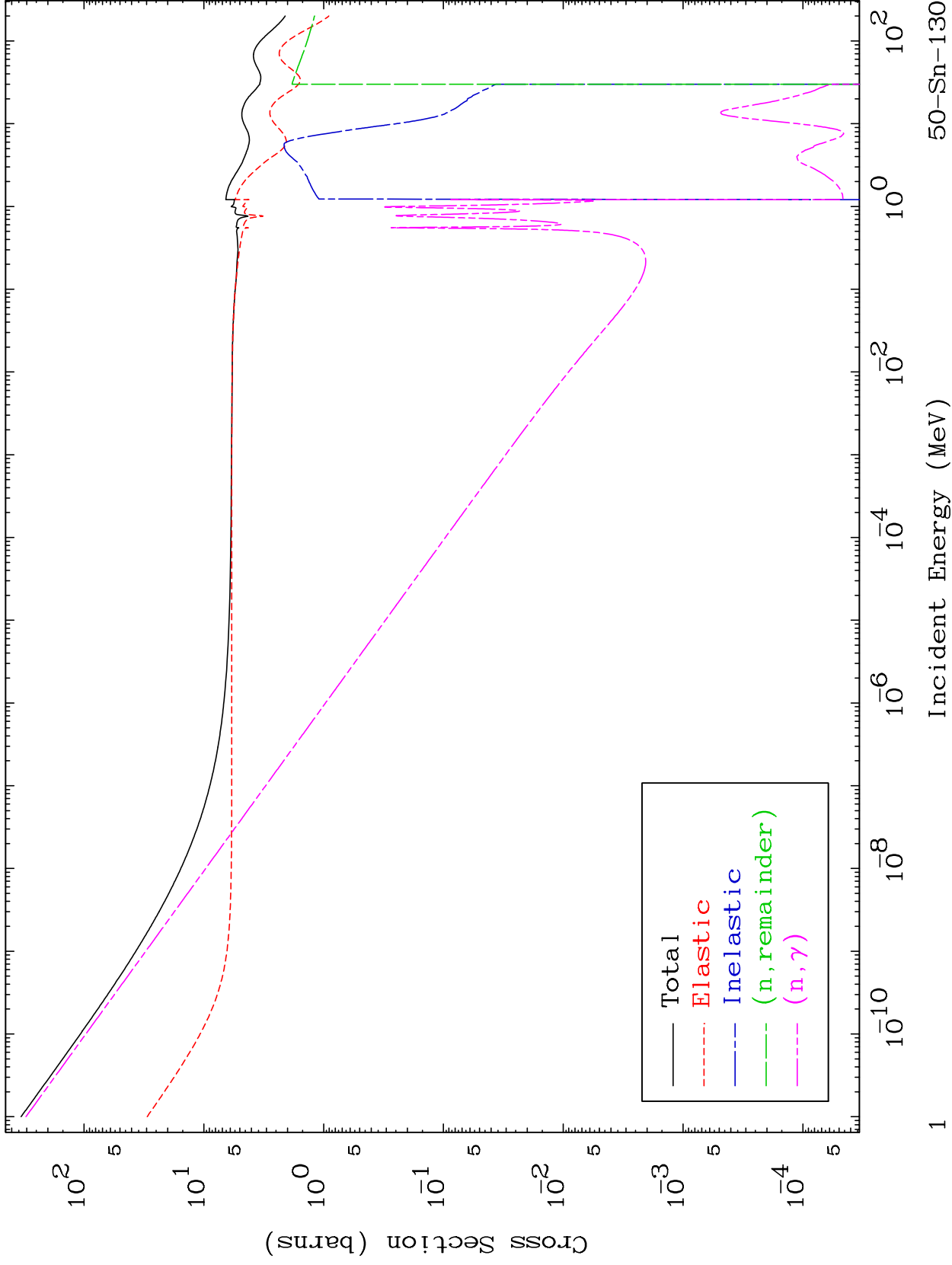
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5080

Major
293 Kelvin Cross Sections

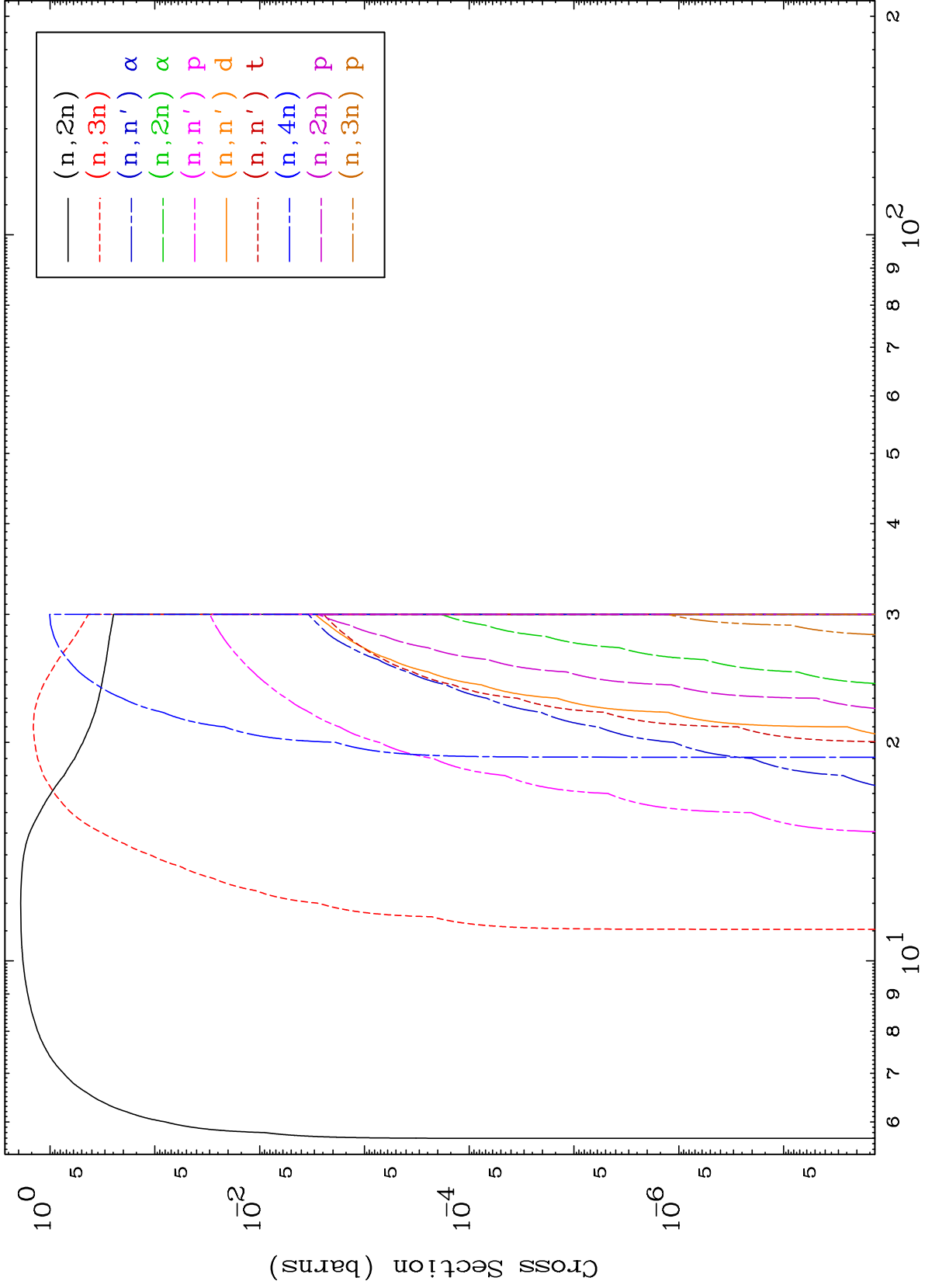
50-Sn-130



MAT 5080

Neutron Production
293 Kelvin Cross Sections

50-Sn-130



2

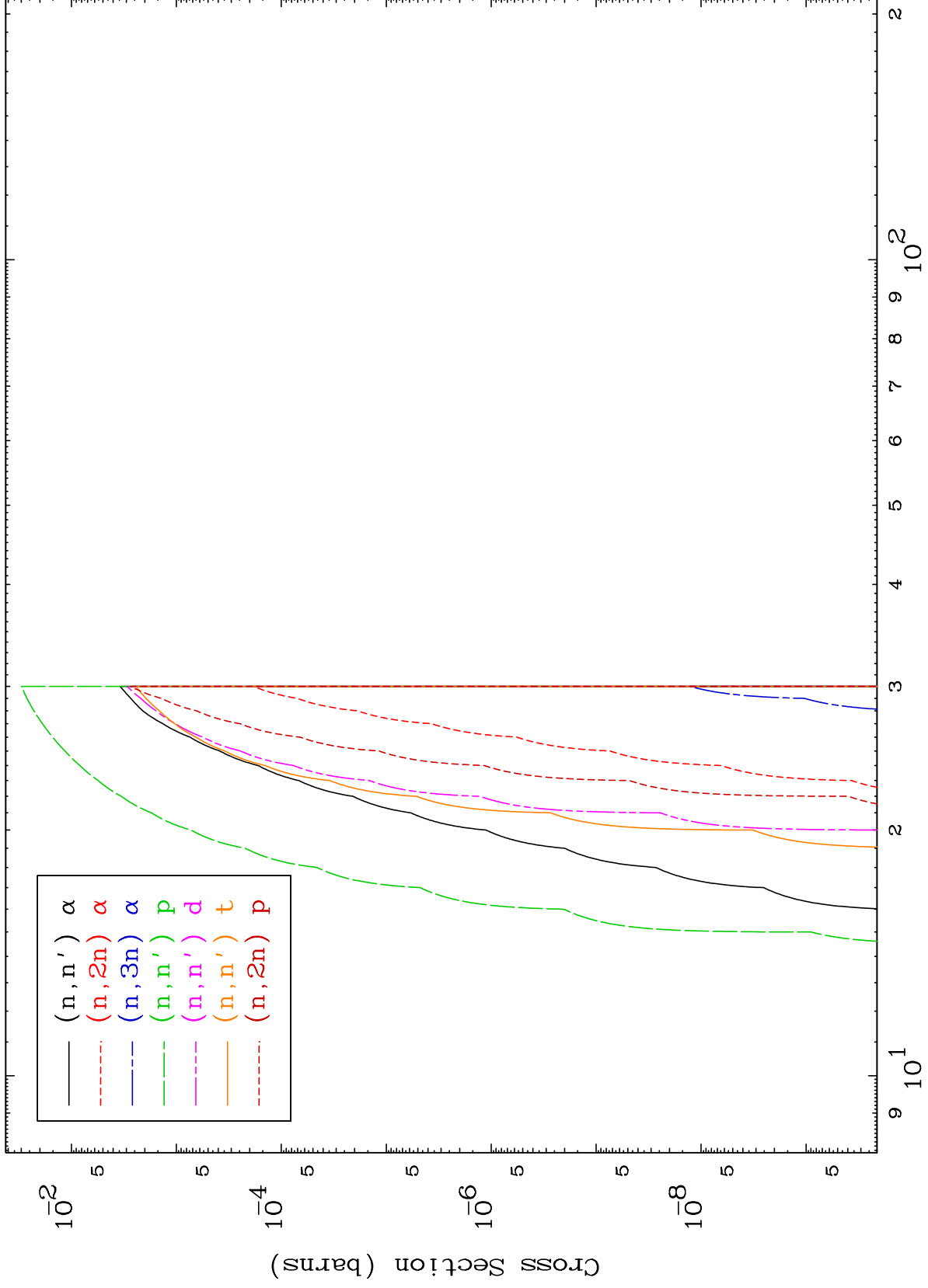
Incident Energy (MeV)

50-Sn-130

MAT 5080

Charged Particle
293 Kelvin Cross Sections

50-Sn-130



3

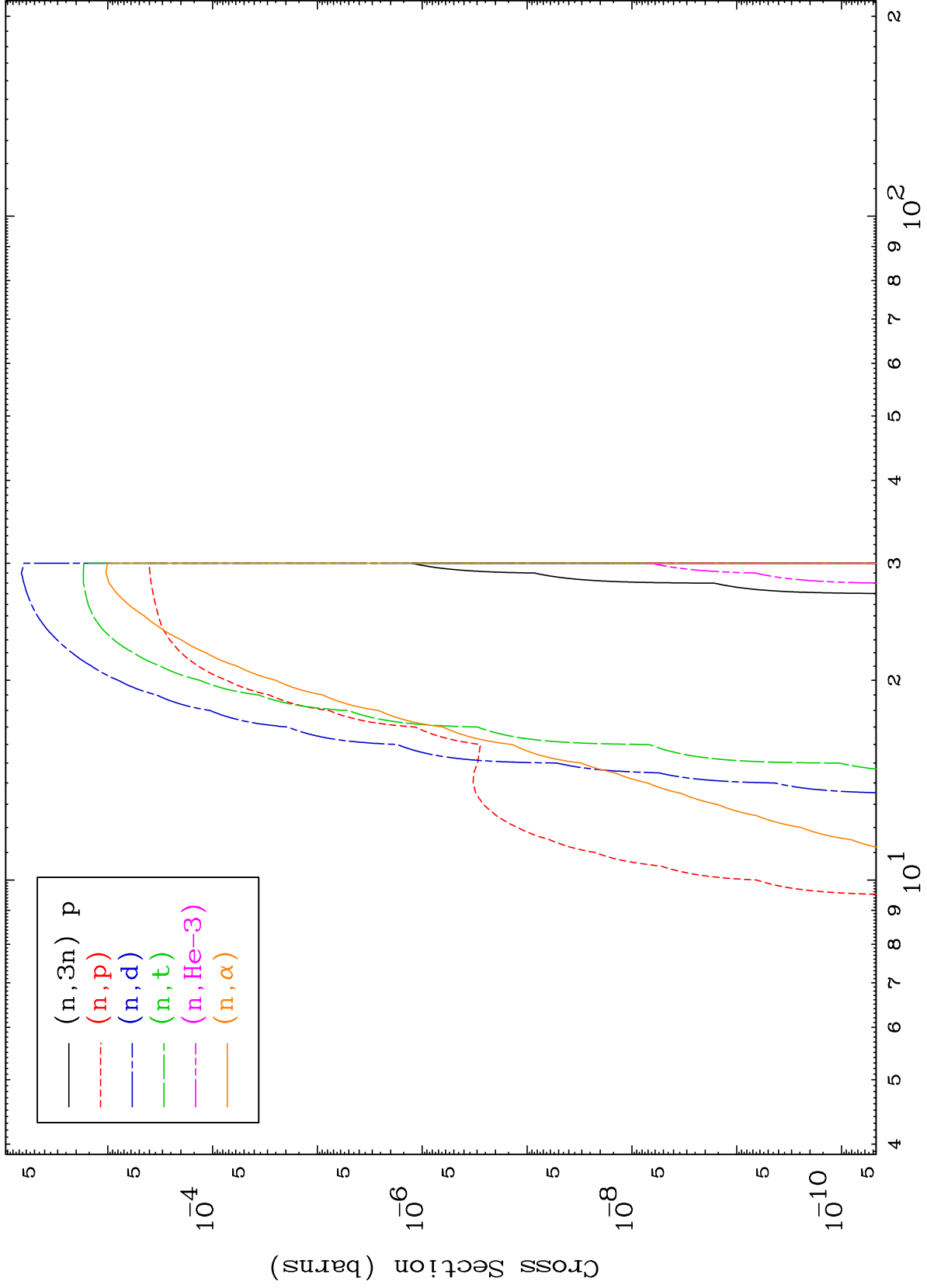
Incident Energy (MeV)

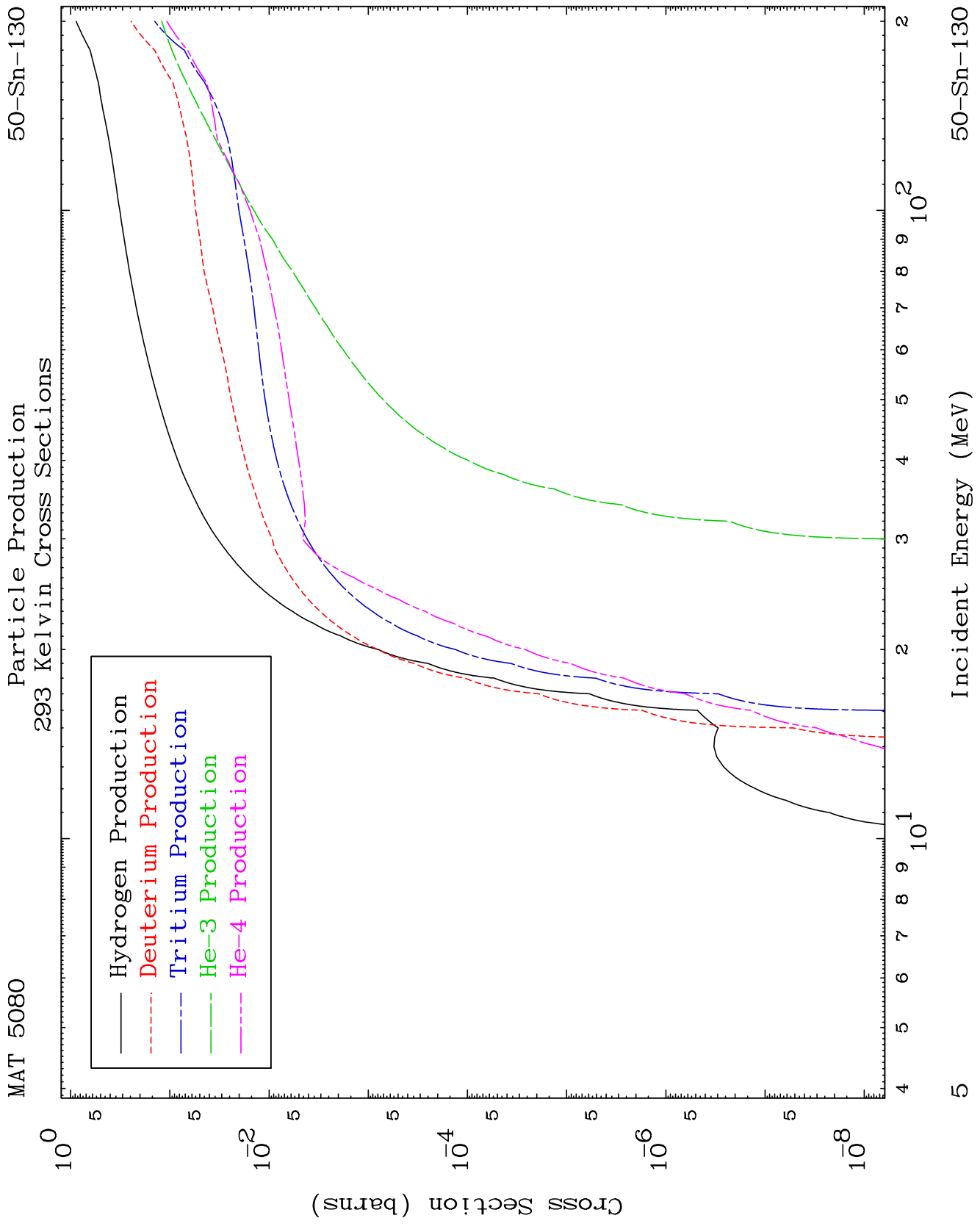
50-Sn-130

MAT 5080

Charged Particle
293 Kelvin Cross Sections

50-Sn-130

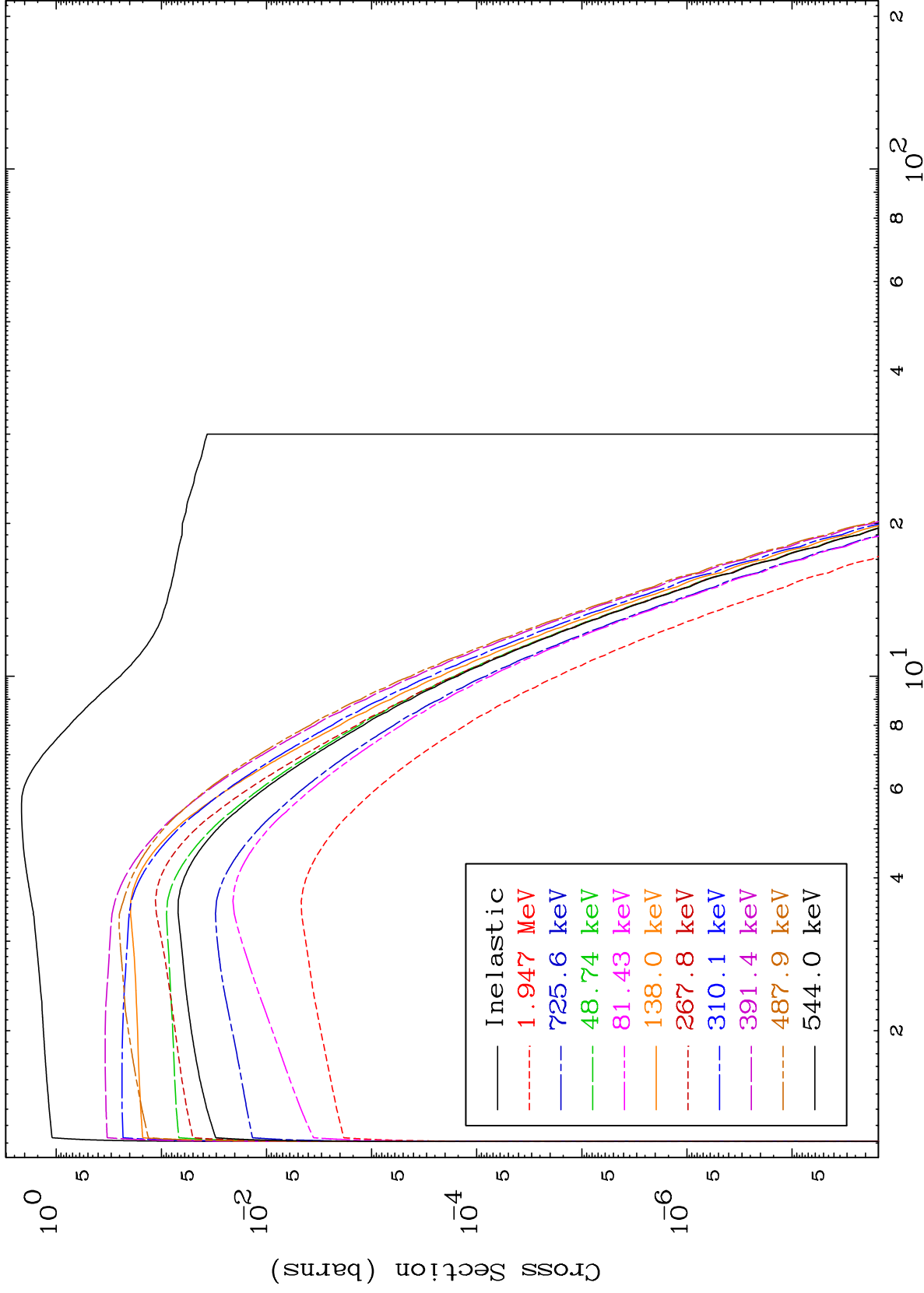




MAT 5080

(n,n') Level
293 Kelvin Cross Sections

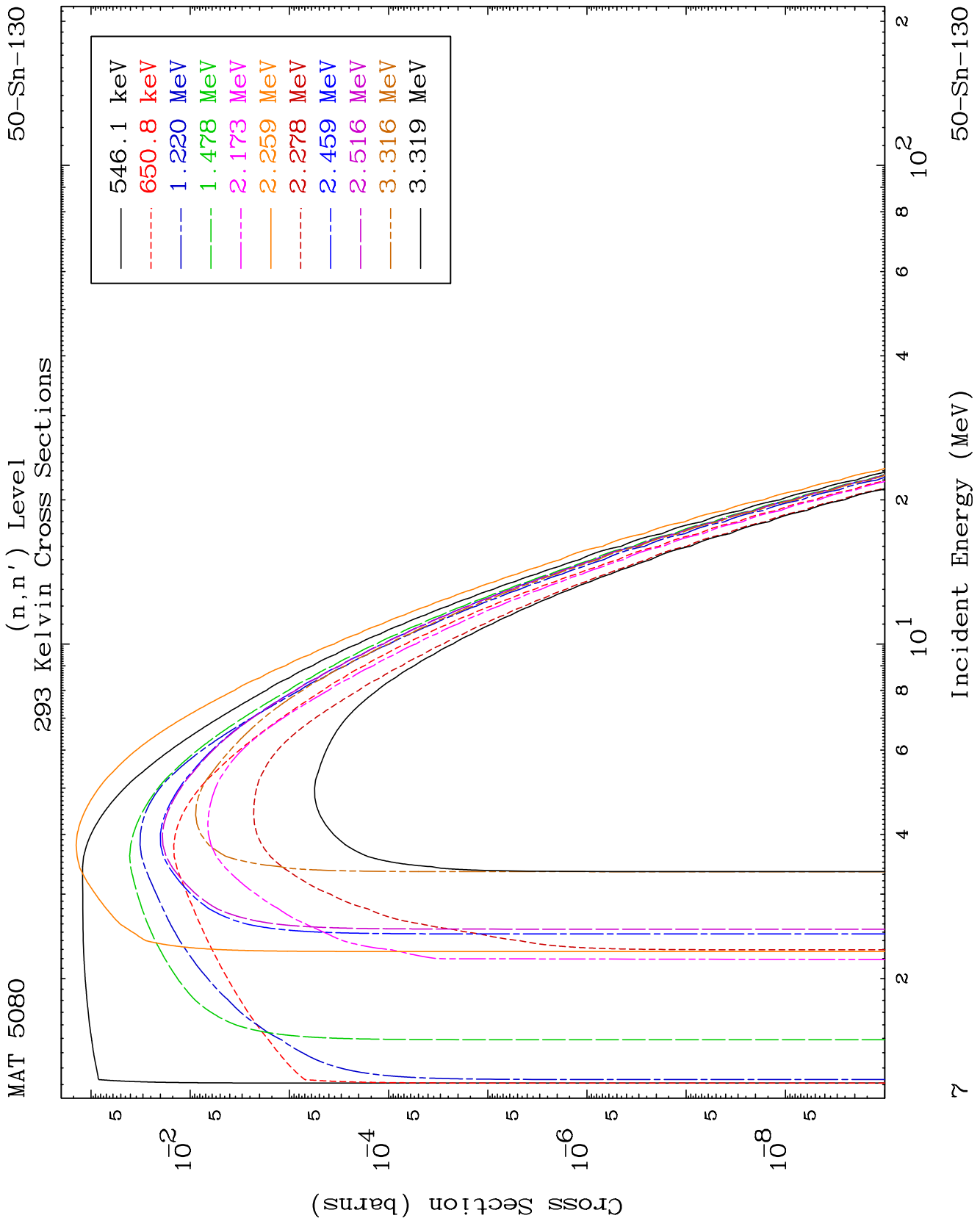
50-Sn-130

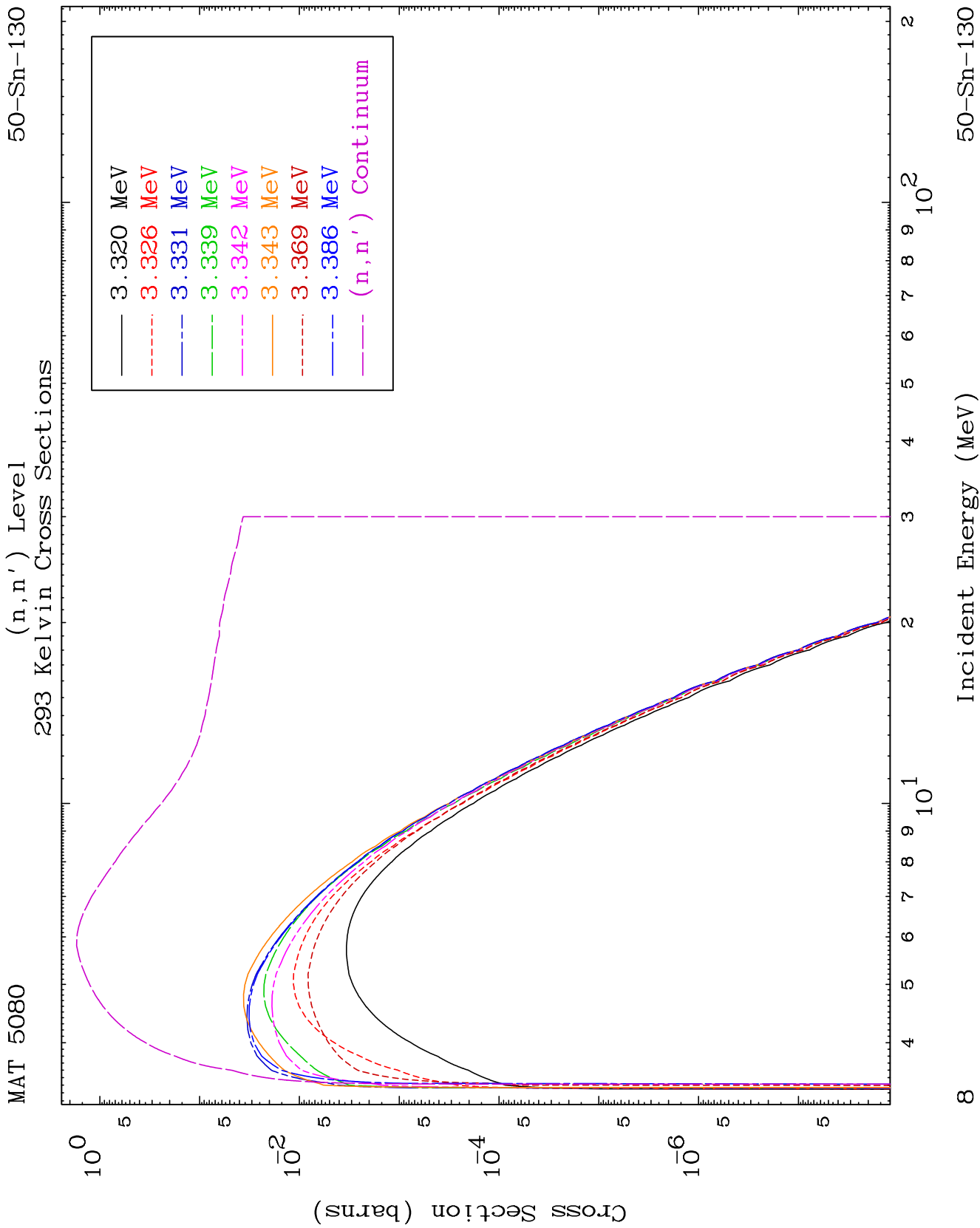


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Incident Energy (MeV)

50-Sn-130

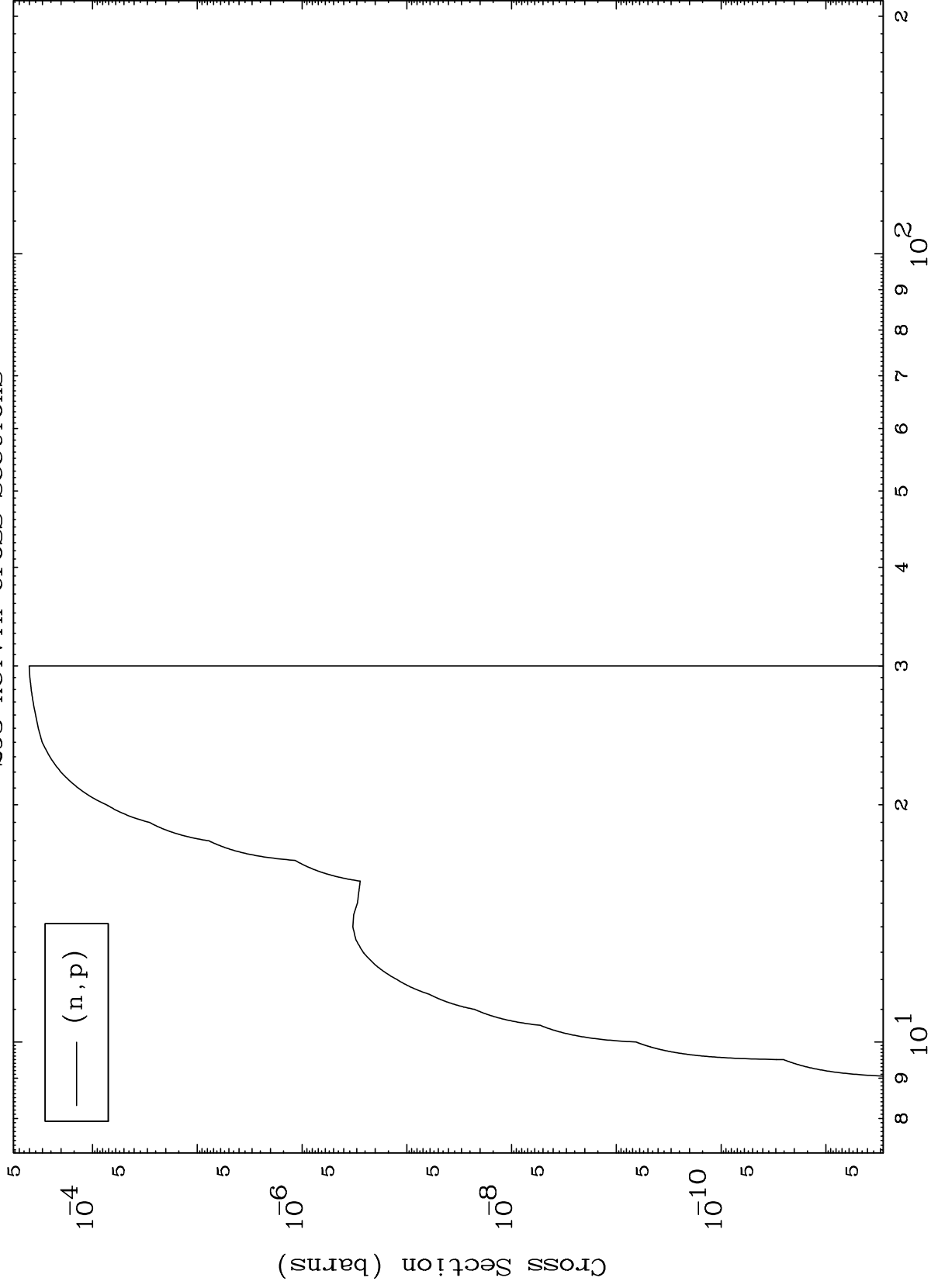




MAT 5080

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-130



9

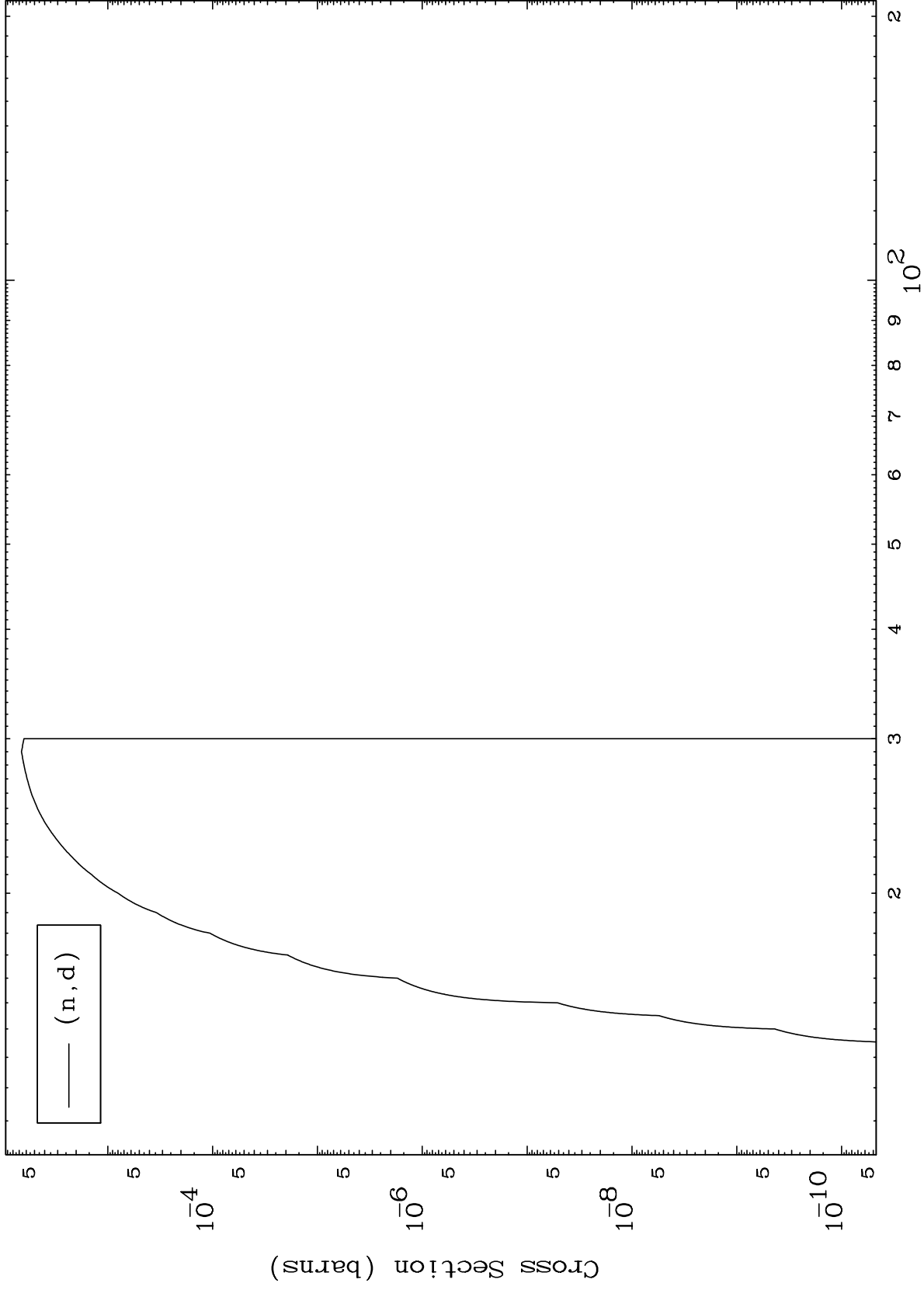
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-130



10

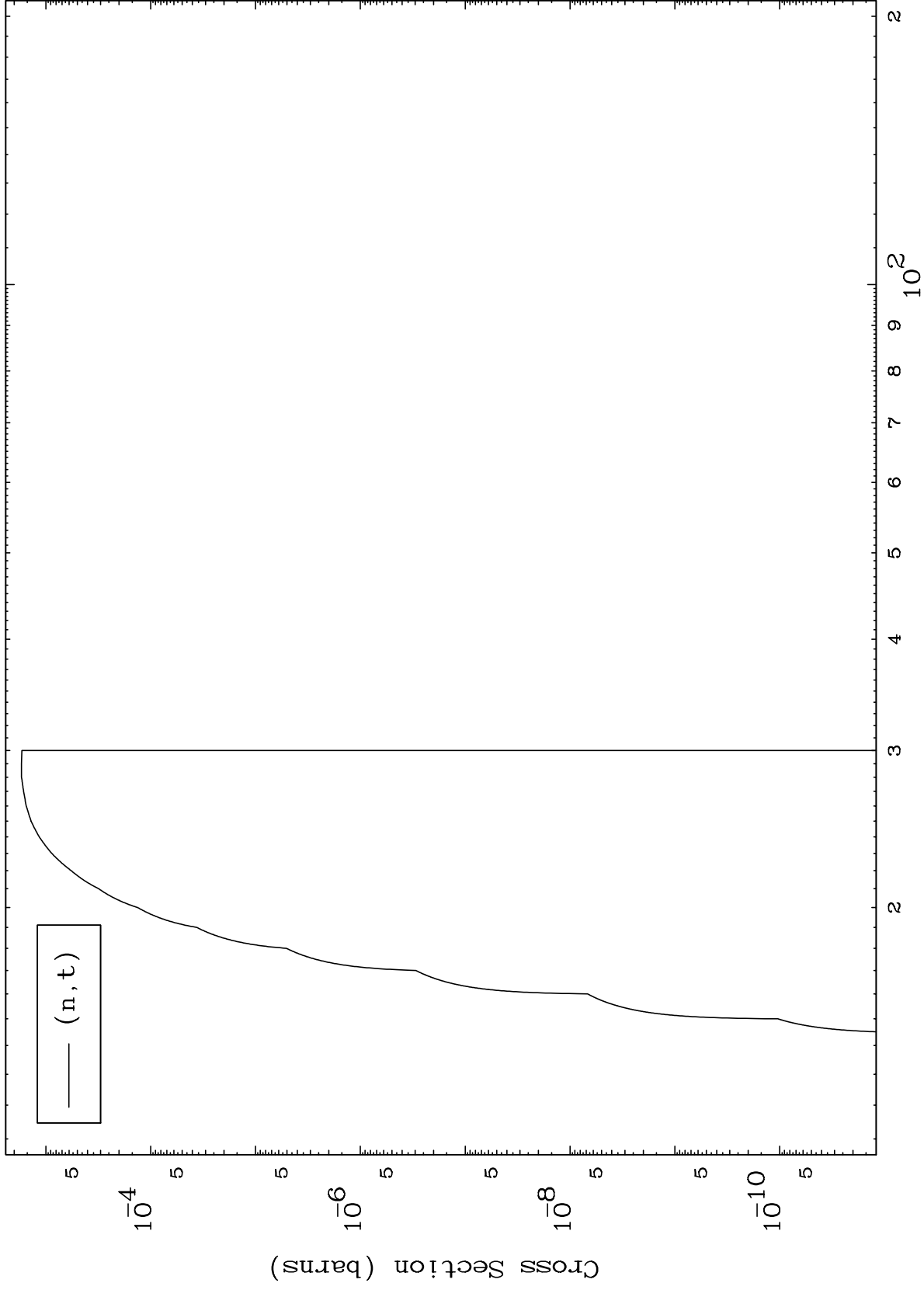
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-130



11

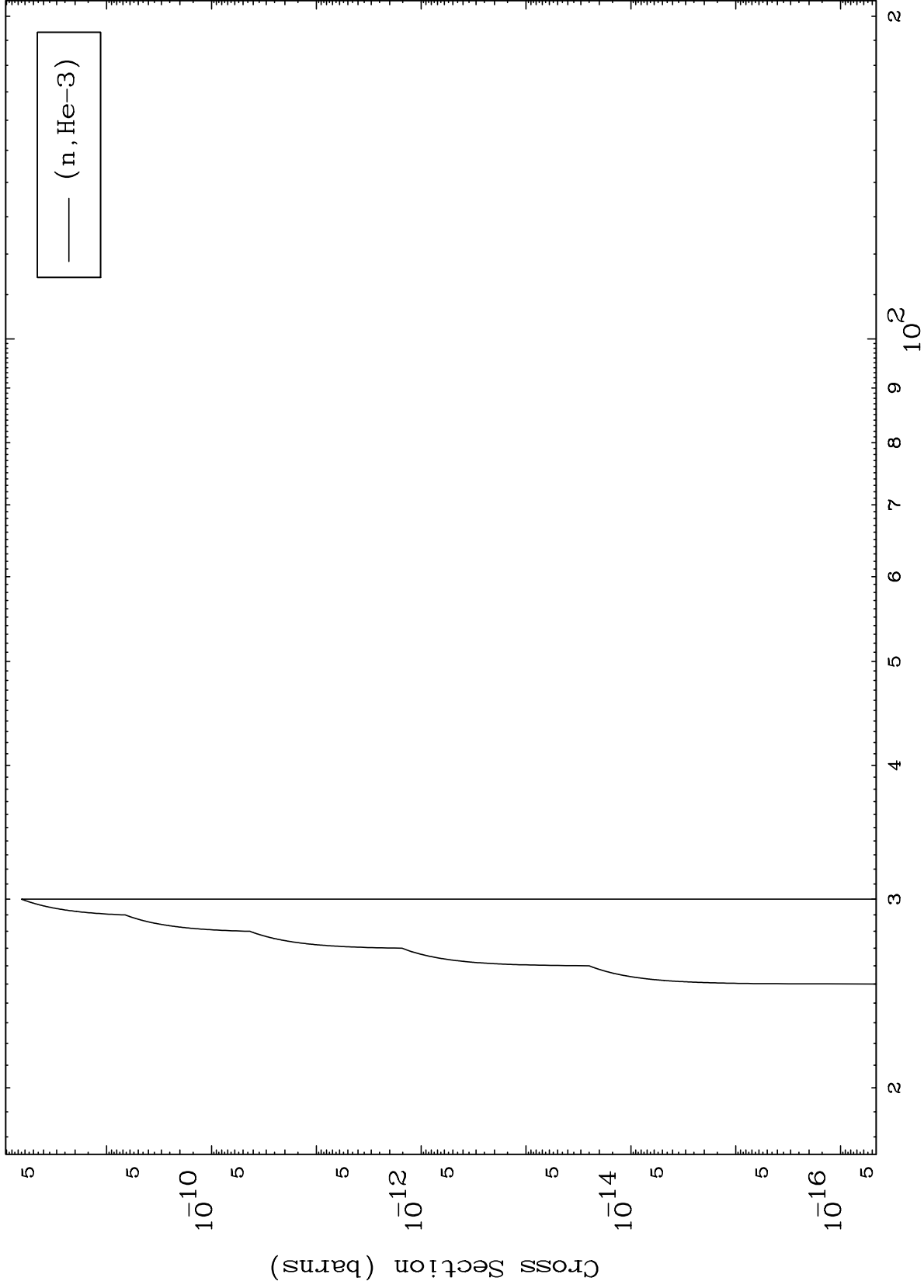
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-130



12

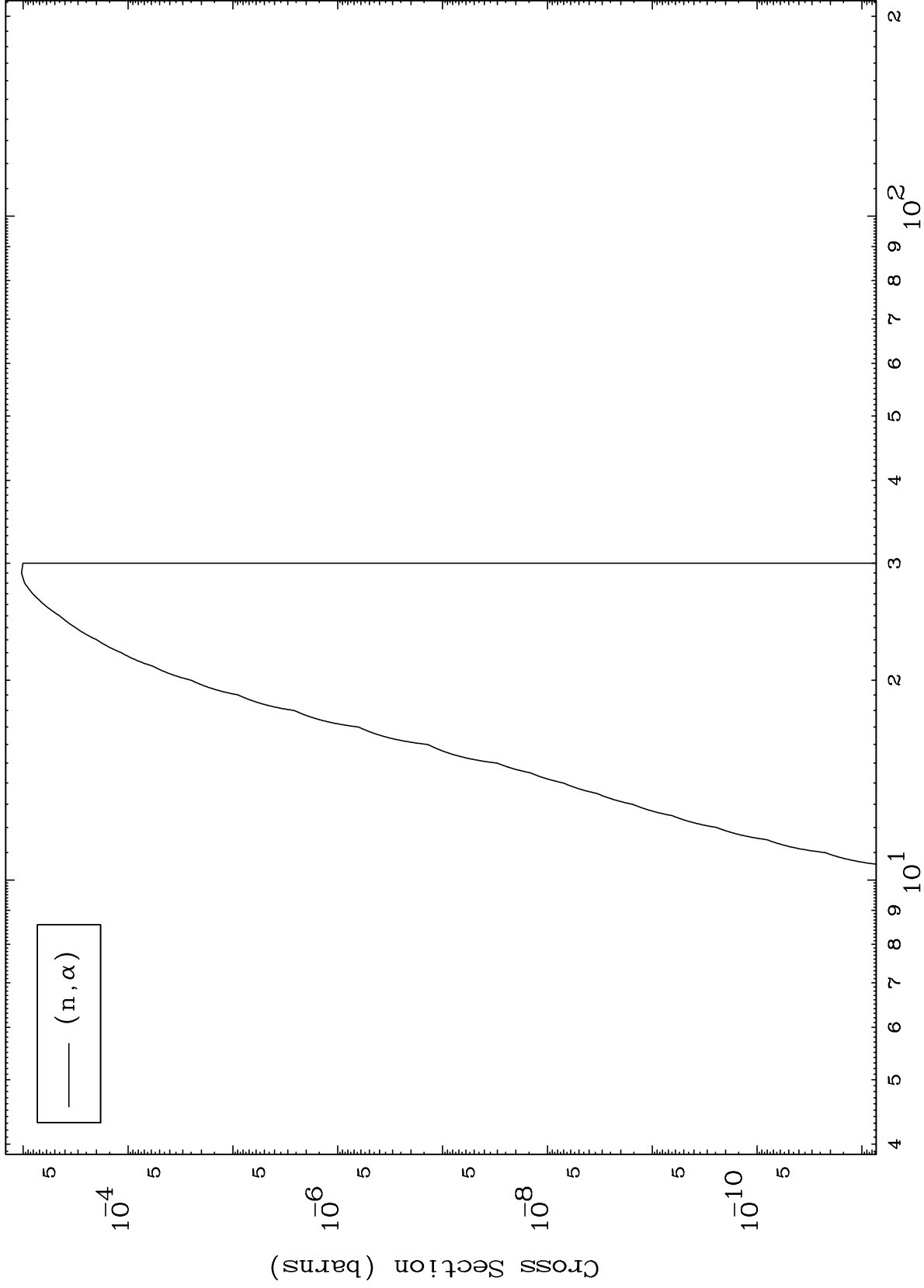
Incident Energy (MeV)

50-Sn-130

MAT 5080

(n, α) Levels
293 Kelvin Cross Sections

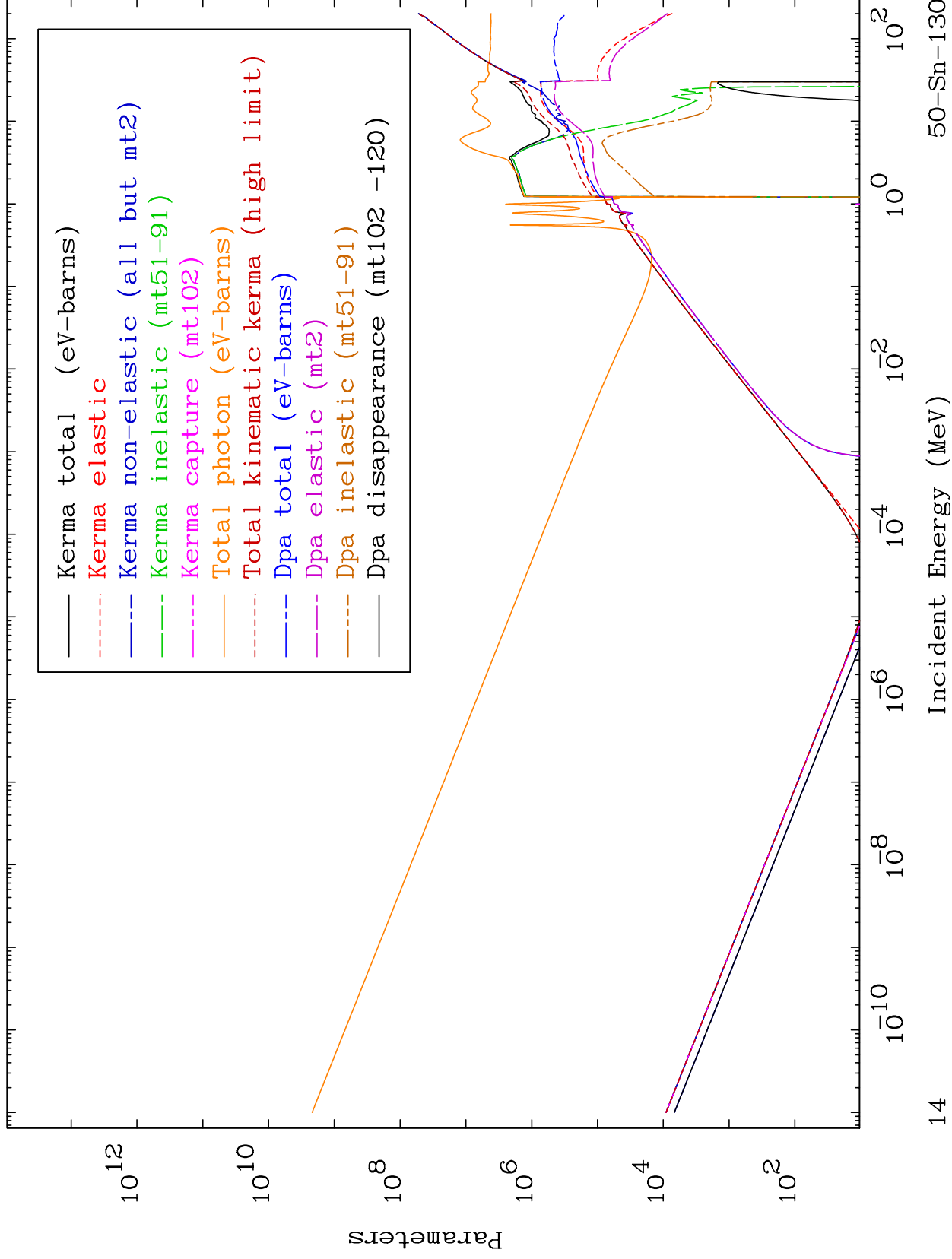
50-Sn-130

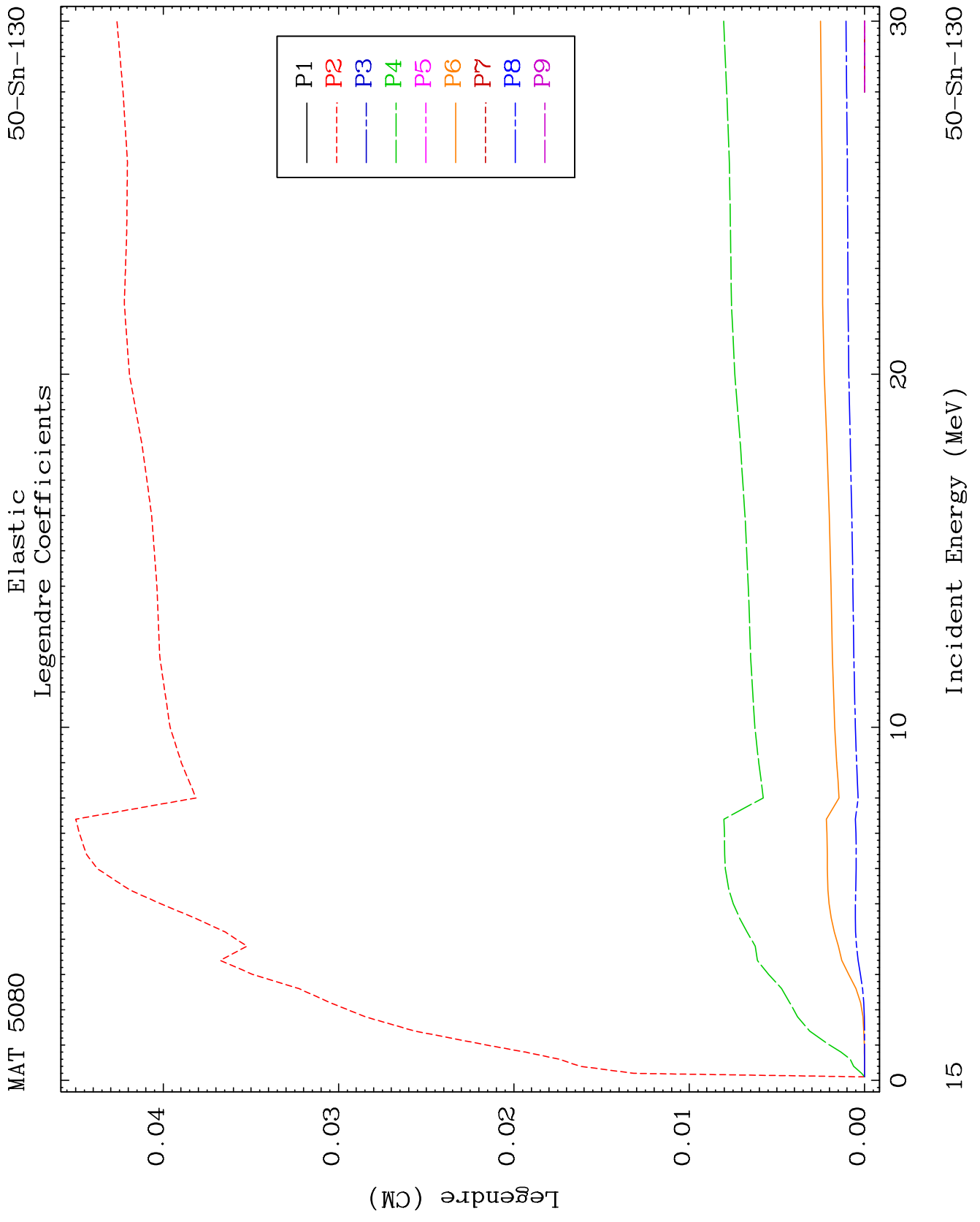


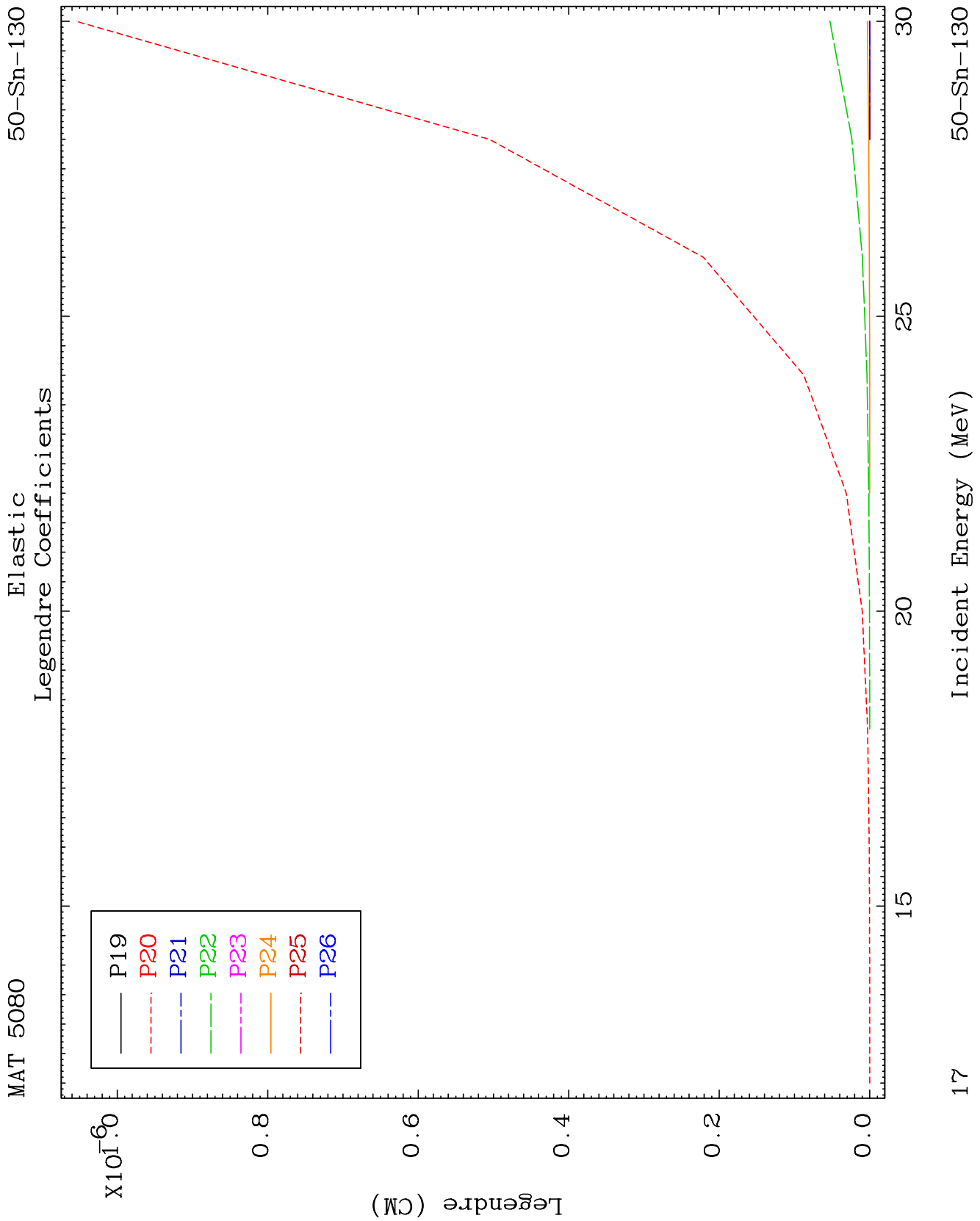
13

Incident Energy (MeV)

50-Sn-130



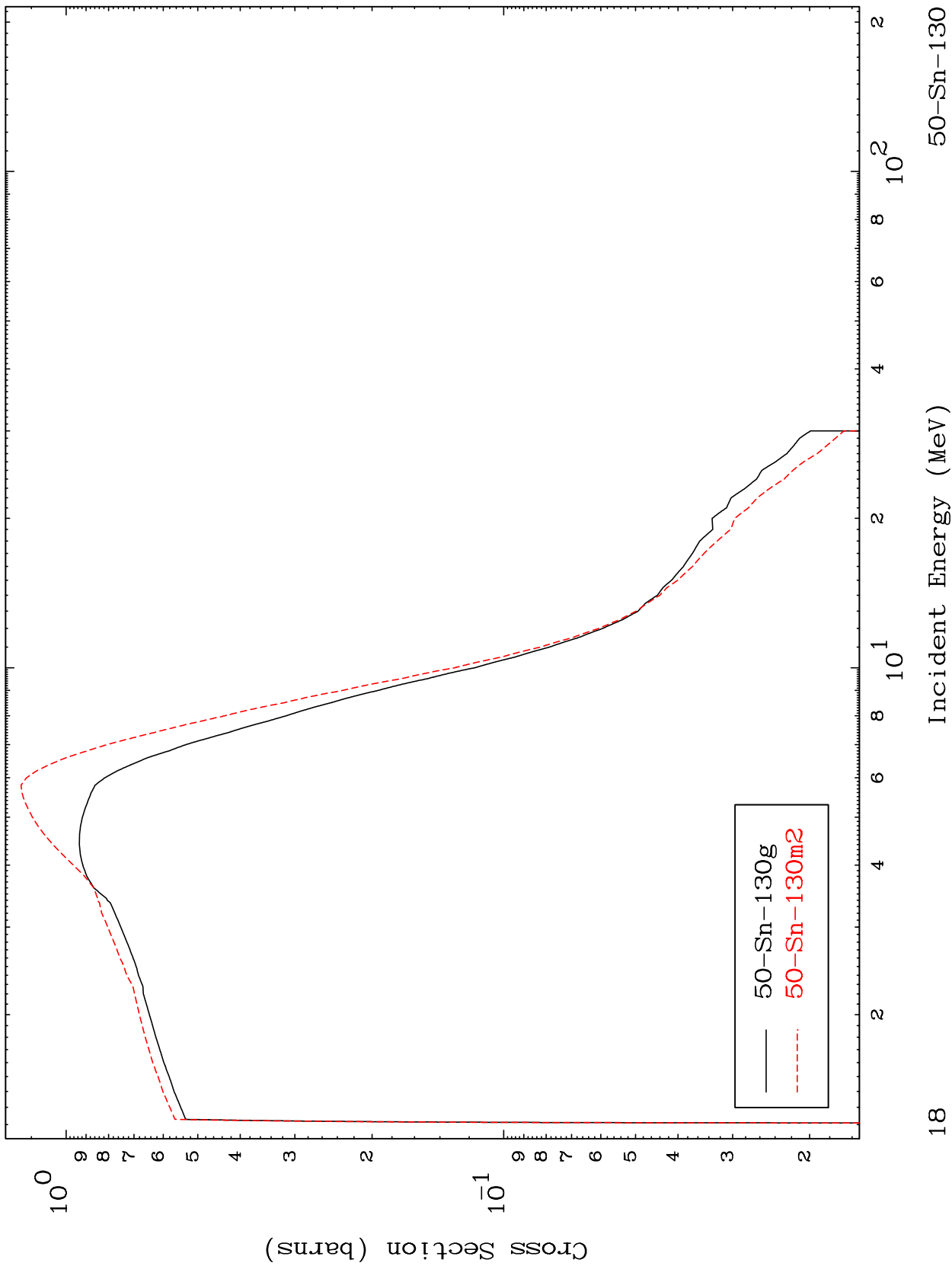




MAT 5080

Inelastic
Radionuclide Production Cross Section

50-Sn-130

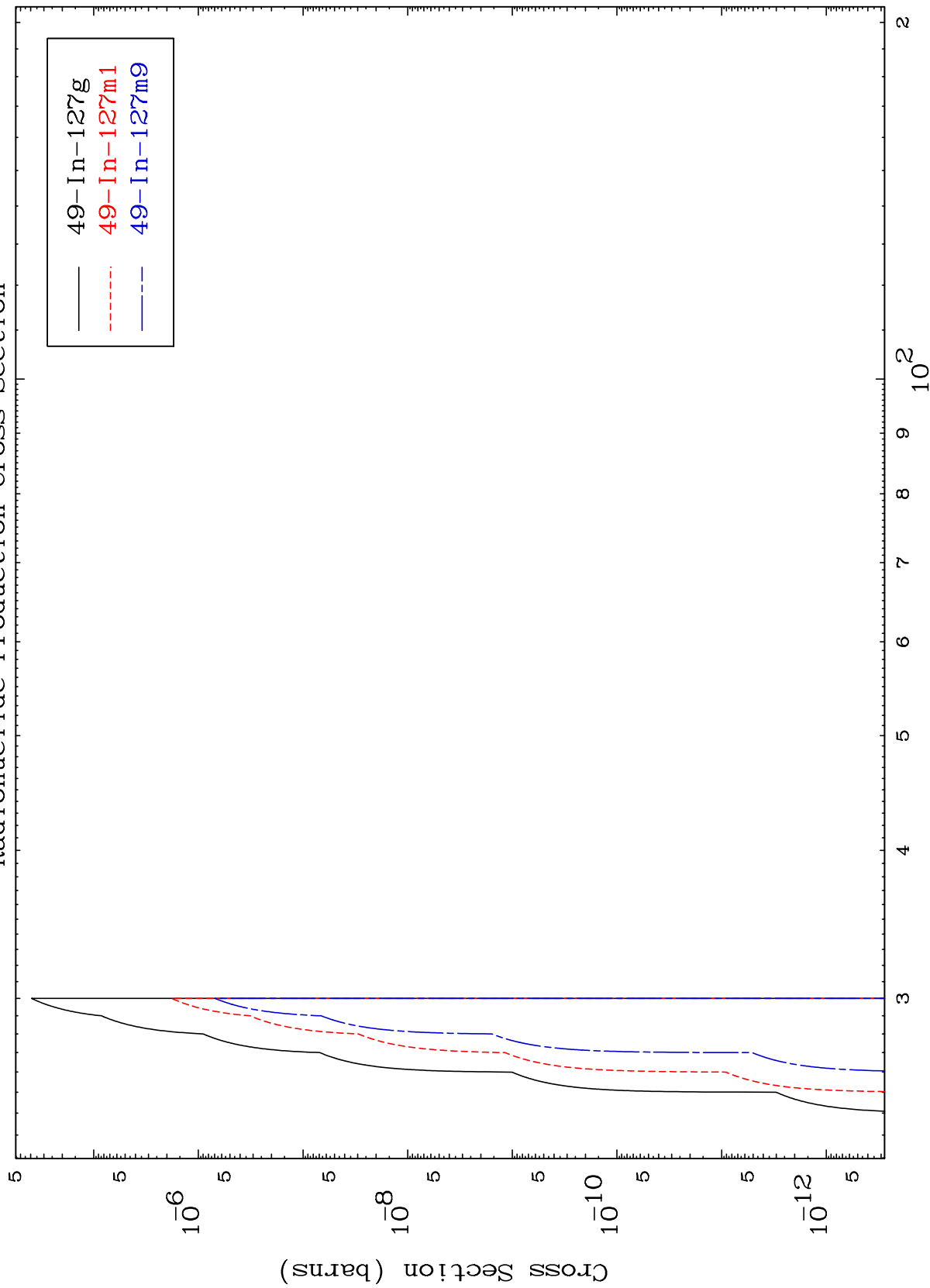


MAT 5080

(n,2n) d

50-Sn-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

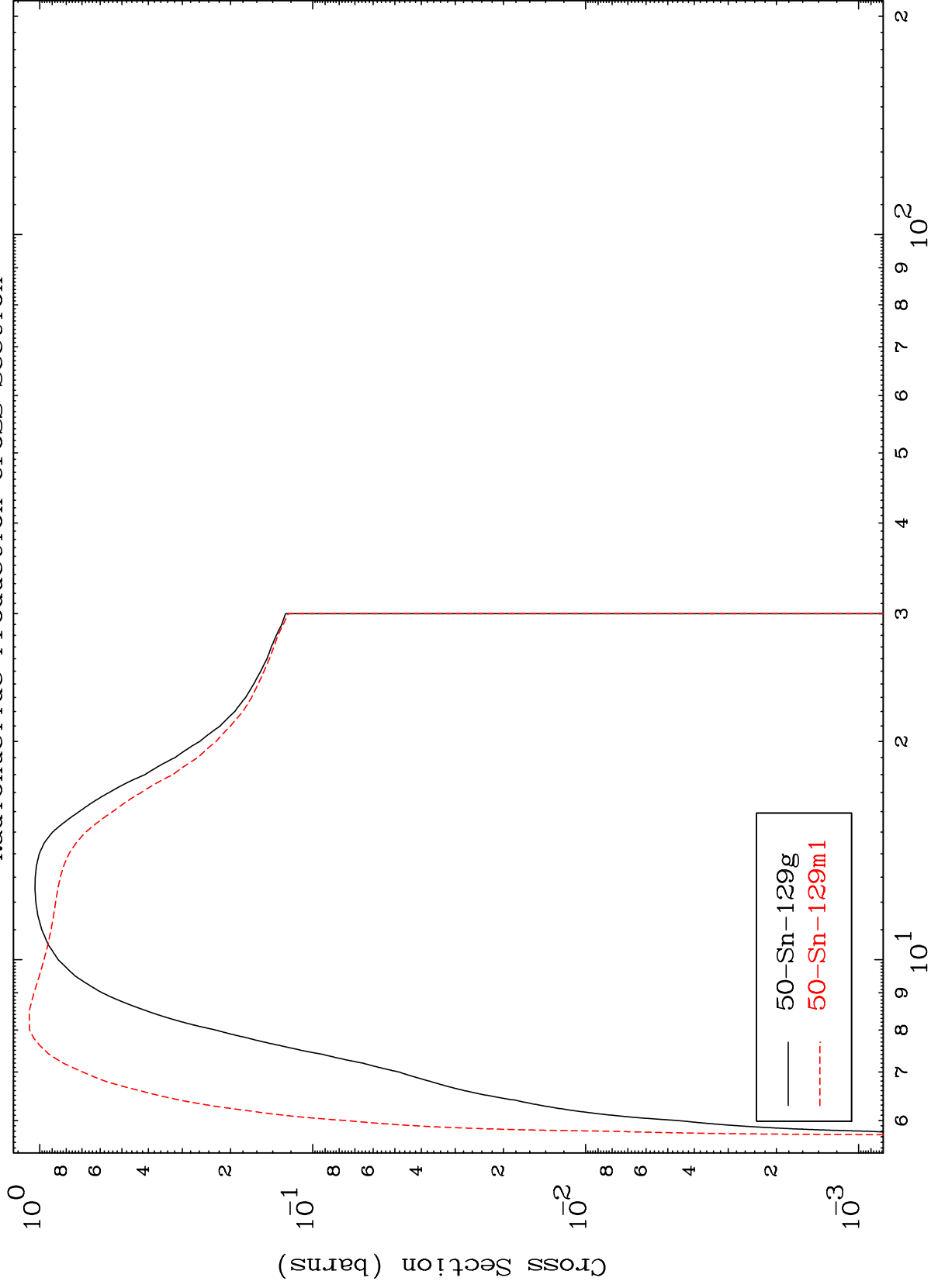
50-Sn-130

MAT 5080

(n,2n)

50-Sn-130

Radionuclide Production Cross Section



Incident Energy (MeV)

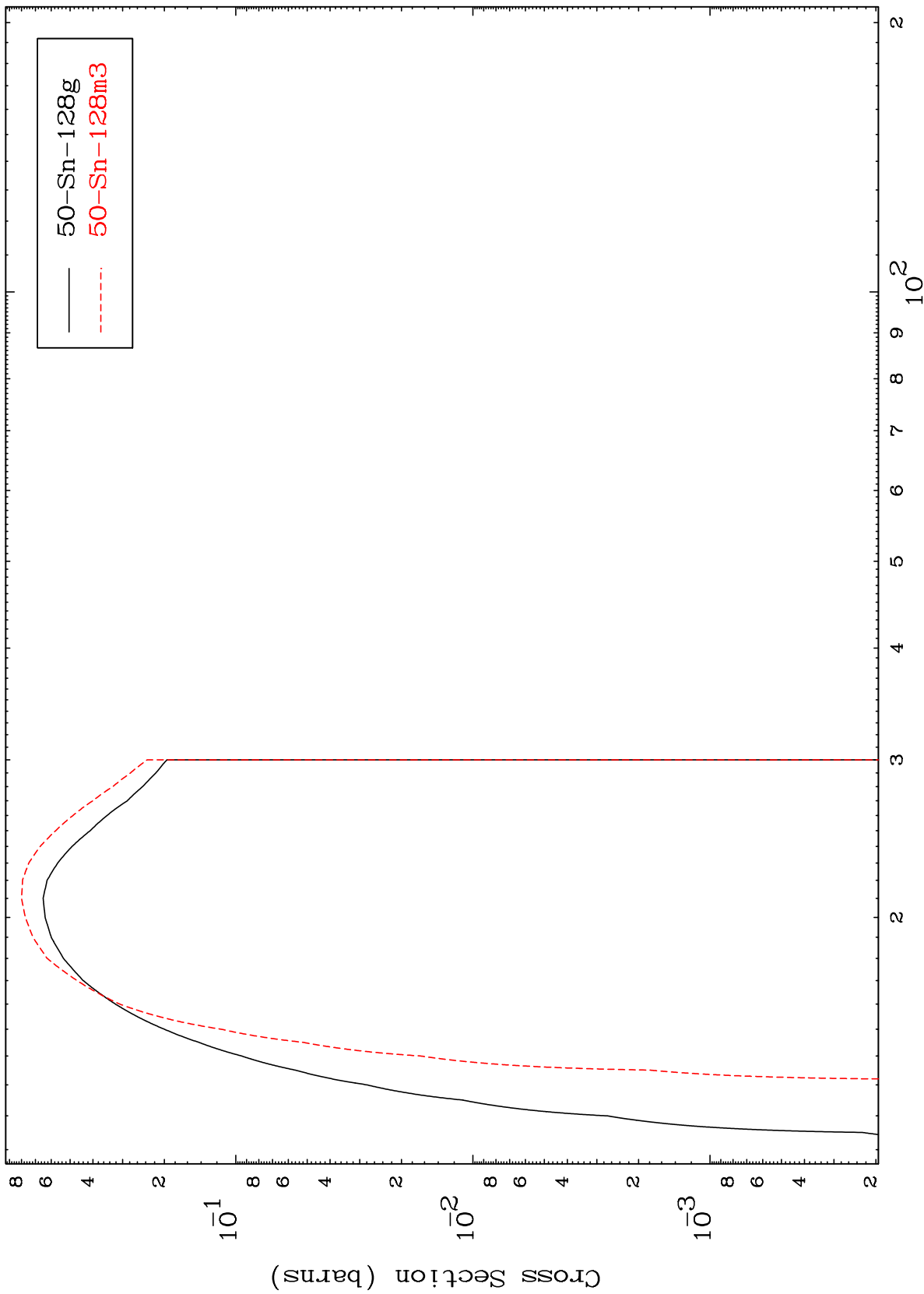
50-Sn-130

20

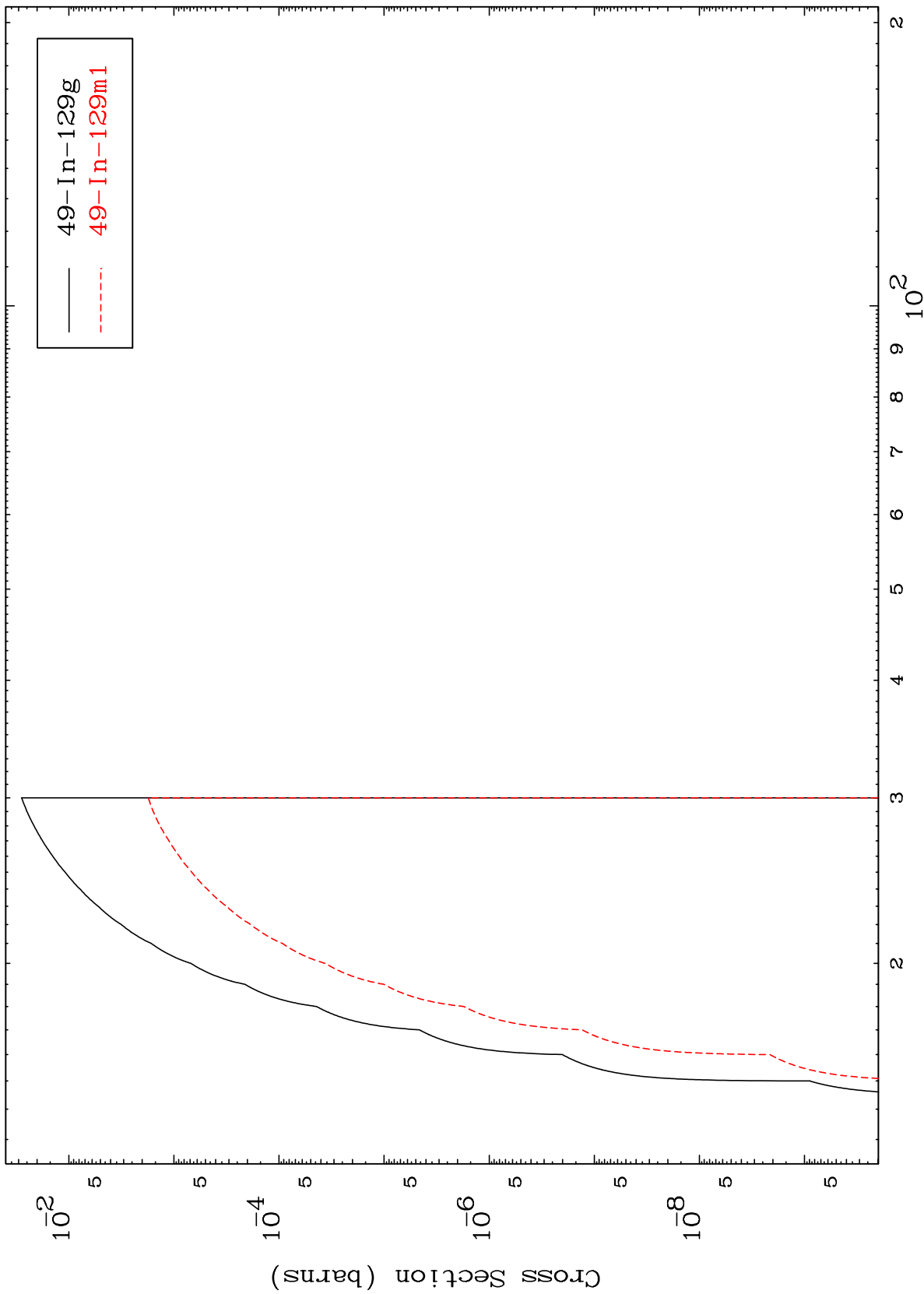
MAT 5080

50-Sn-130

(n,3n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

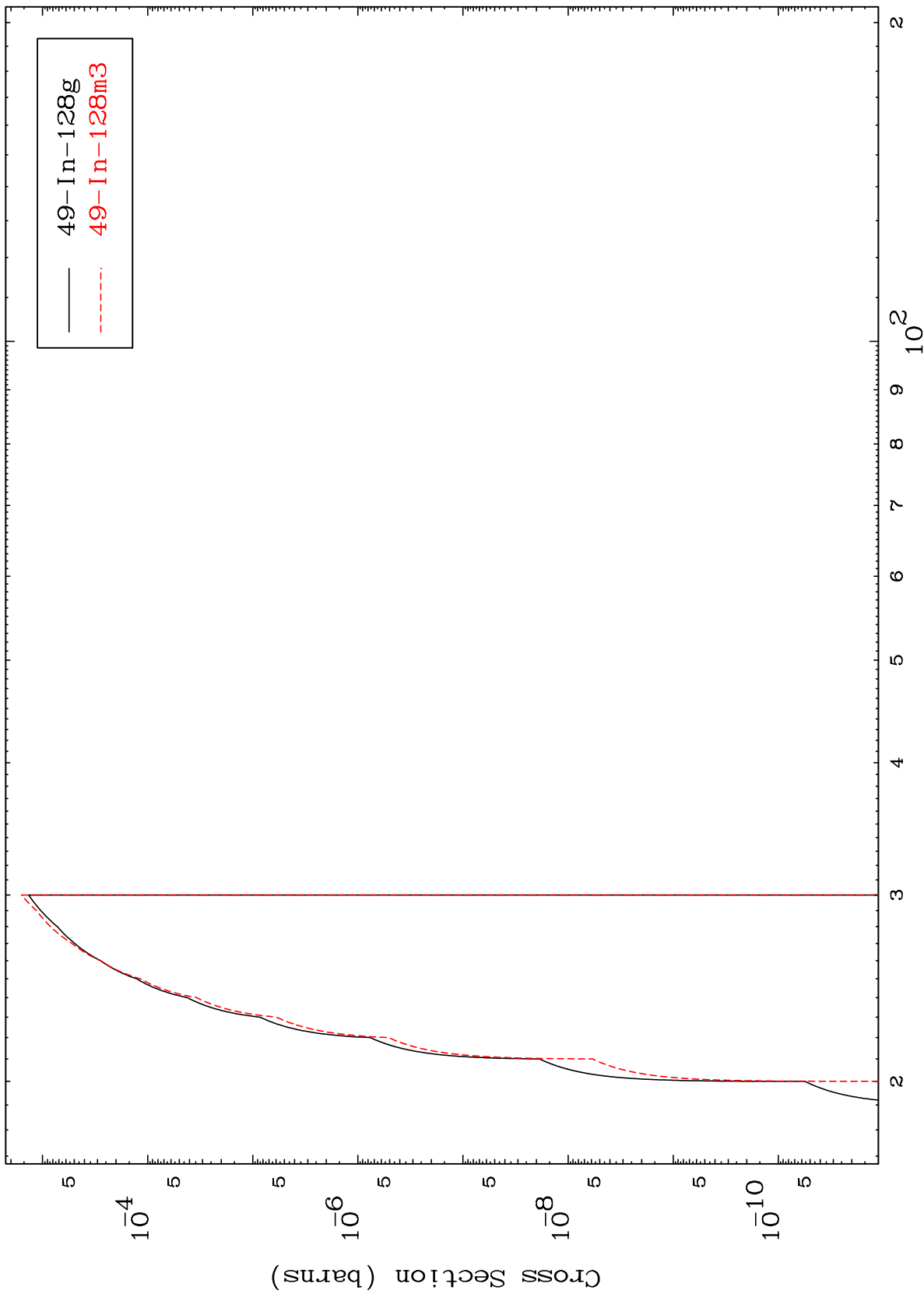


MAT 5080

(n,n') d

50-Sn-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

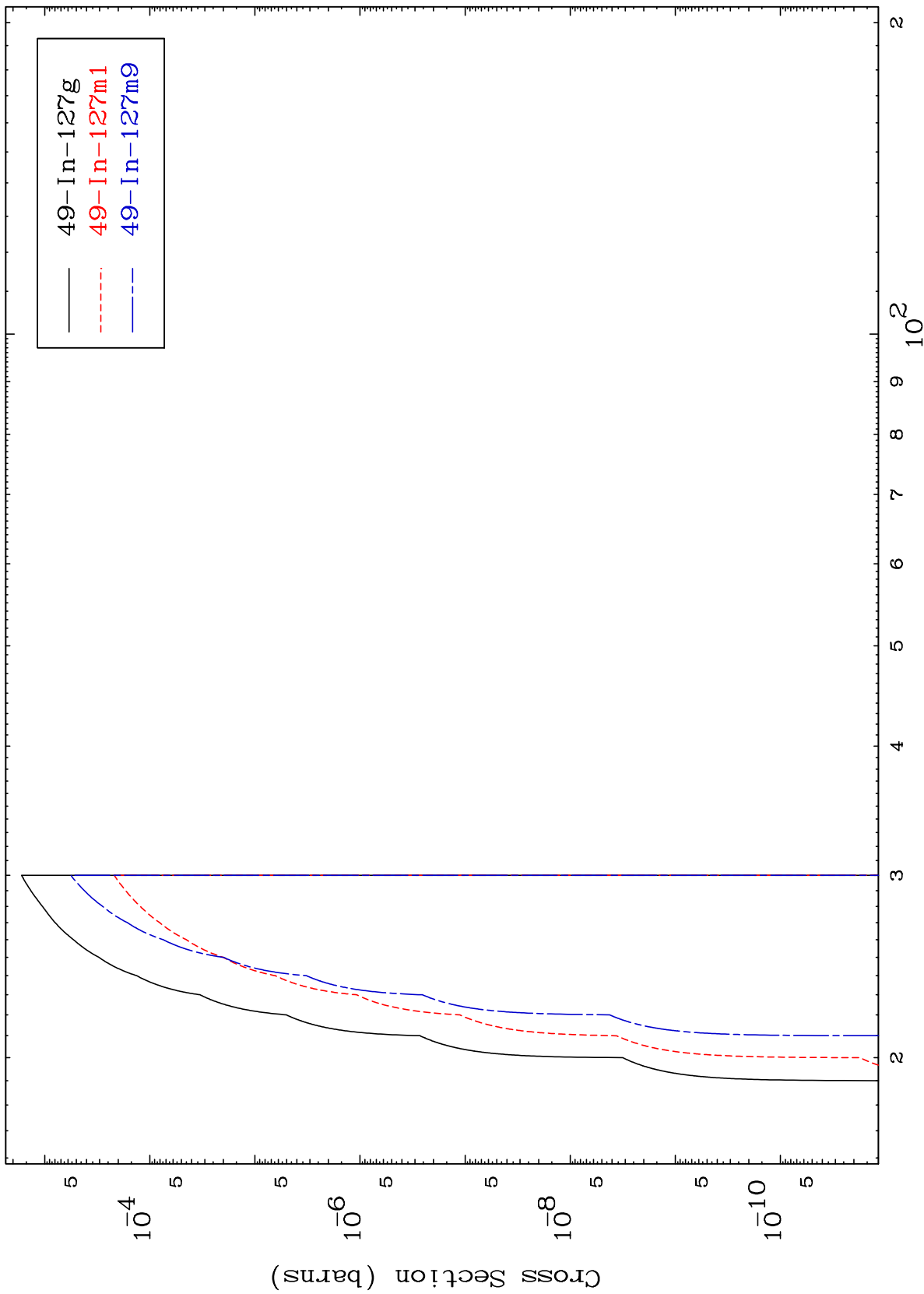
50-Sn-130

MAT 5080

(n,n') t

50-Sn-130

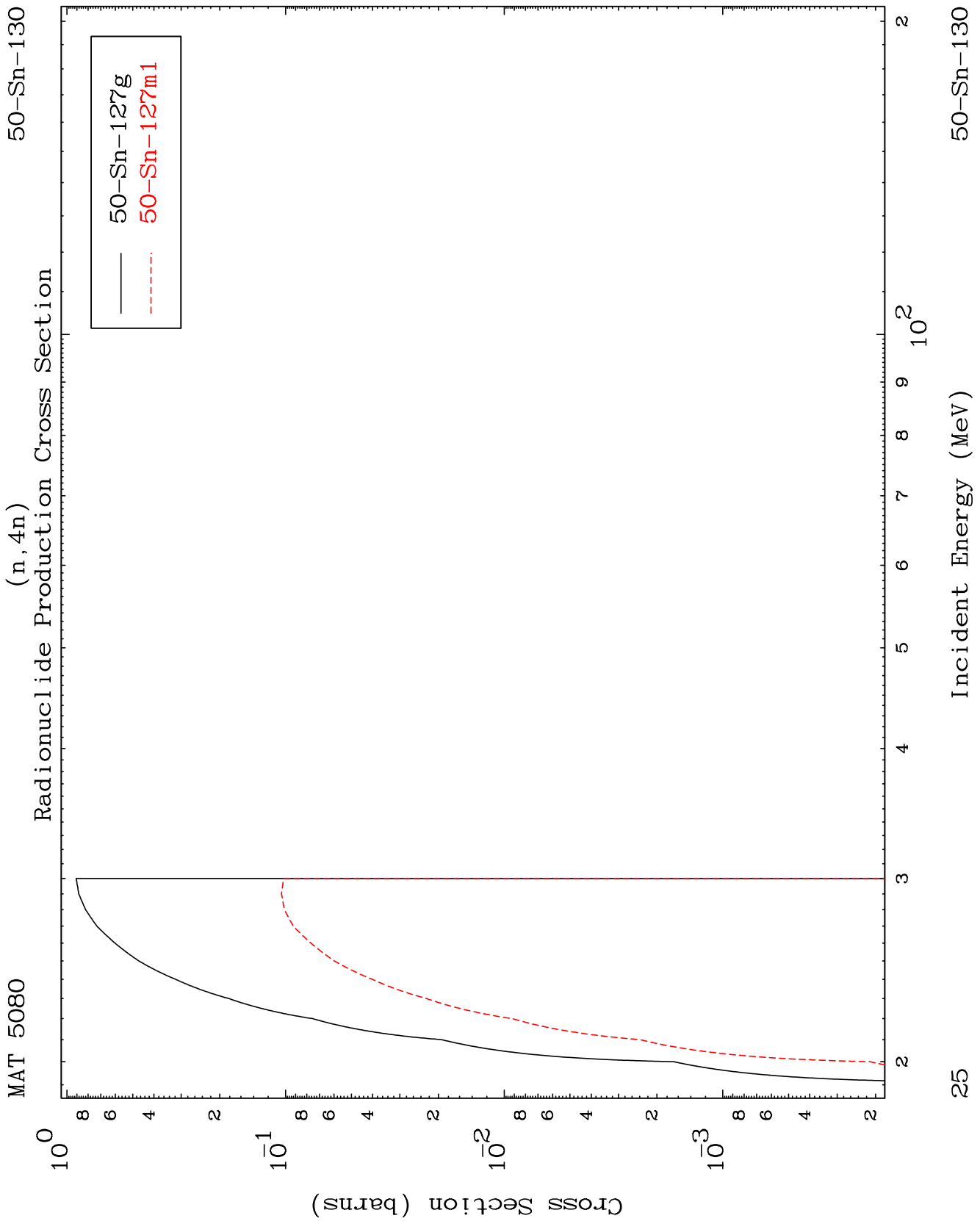
Radionuclide Production Cross Section



24

Incident Energy (MeV)

50-Sn-130

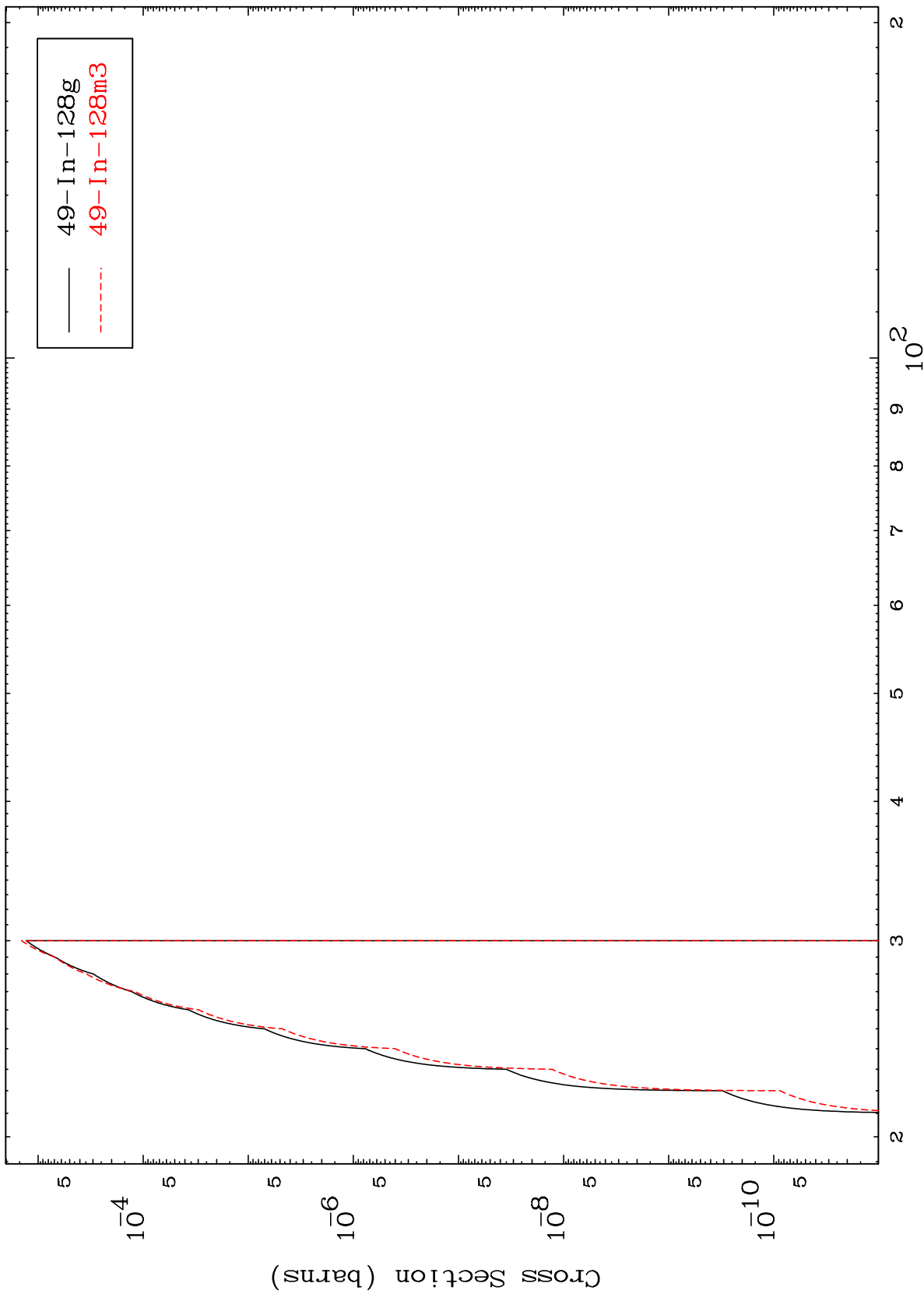


MAT 5080

(n,2n) p

50-Sn-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

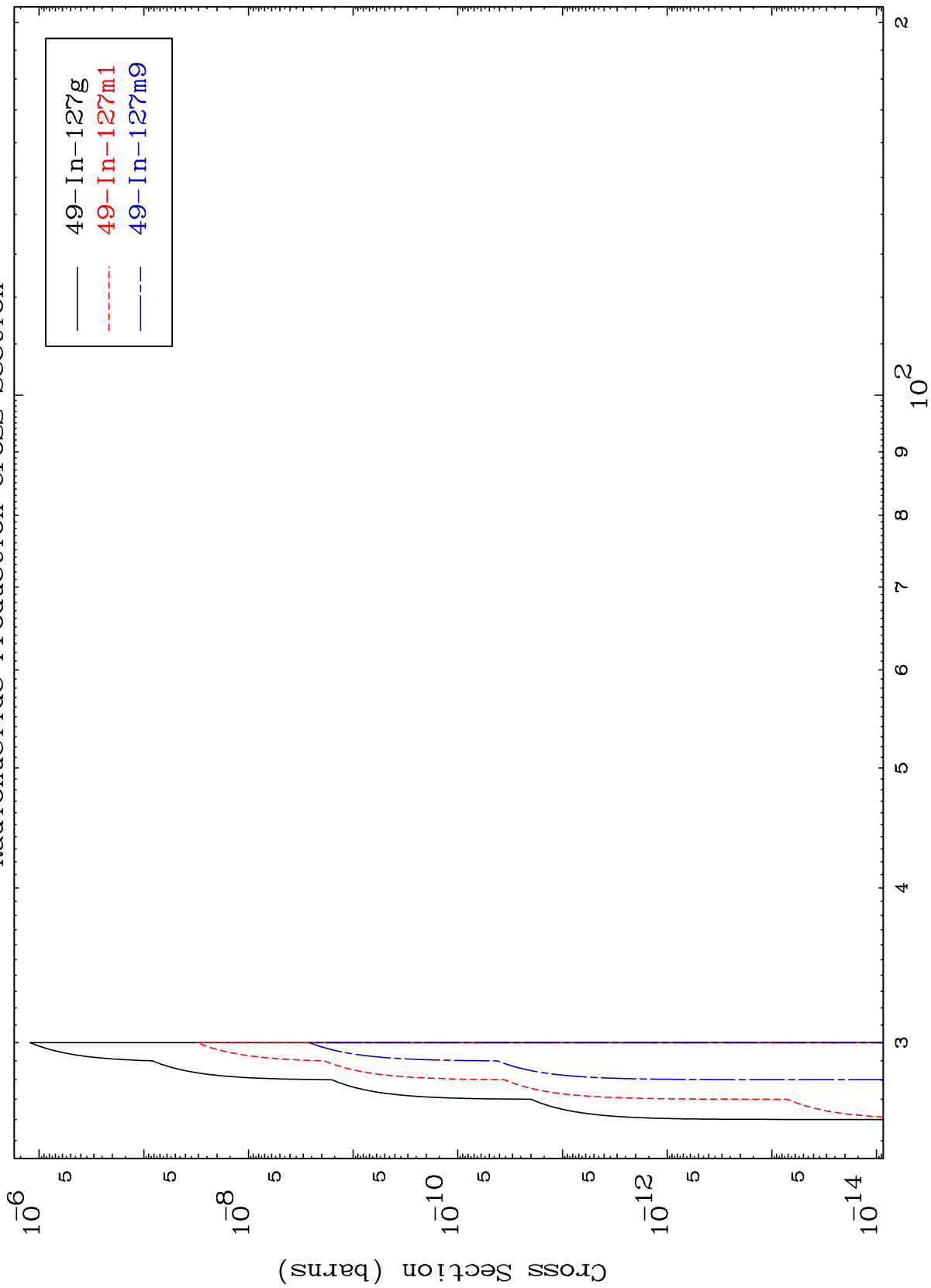
50-Sn-130

MAT 5080

(n,3n) p

50-Sn-130

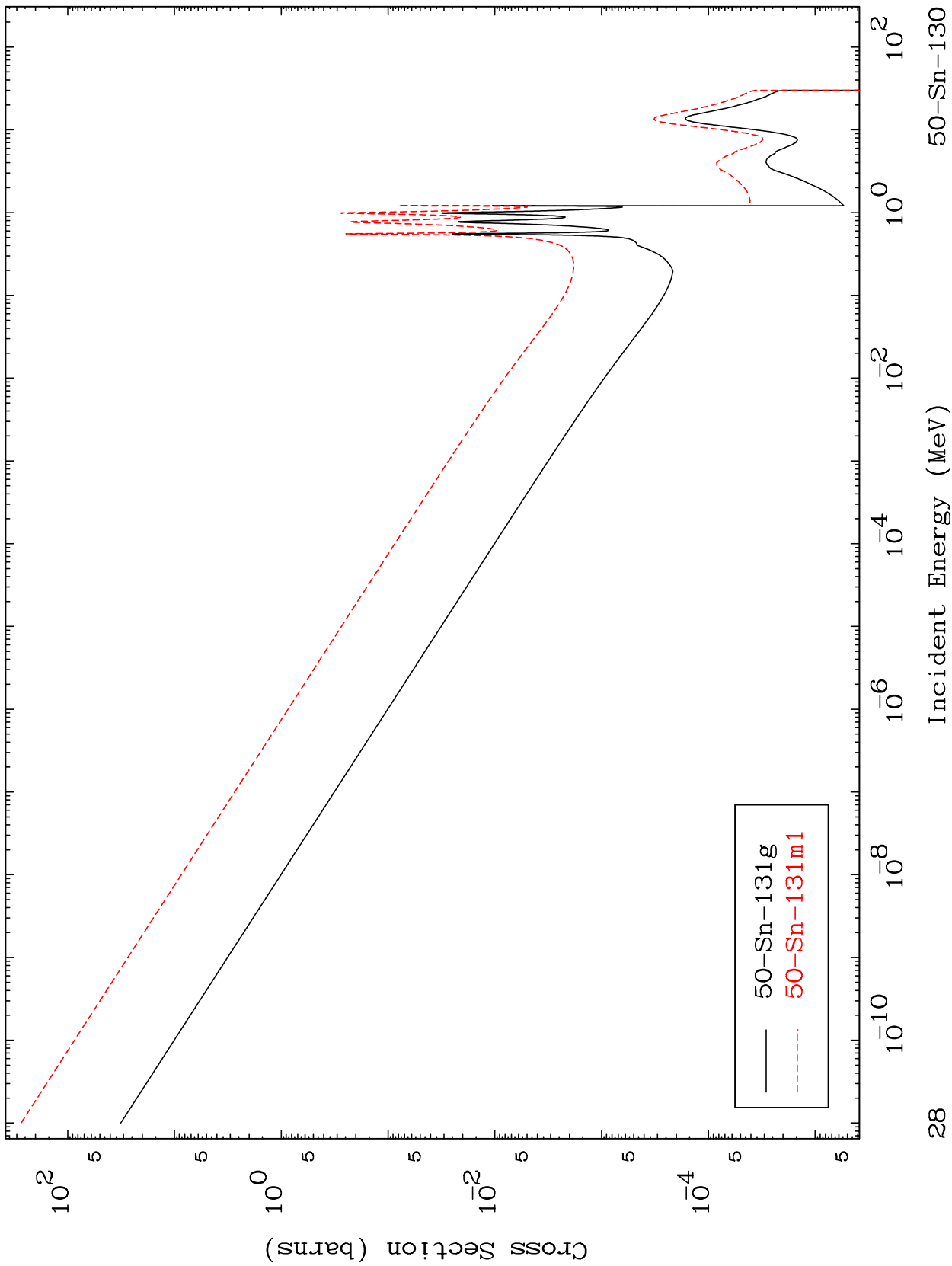
Radionuclide Production Cross Section



MAT 5080

50-Sn-130

(n, γ)
Radionuclide Production Cross Section



50-Sn-130

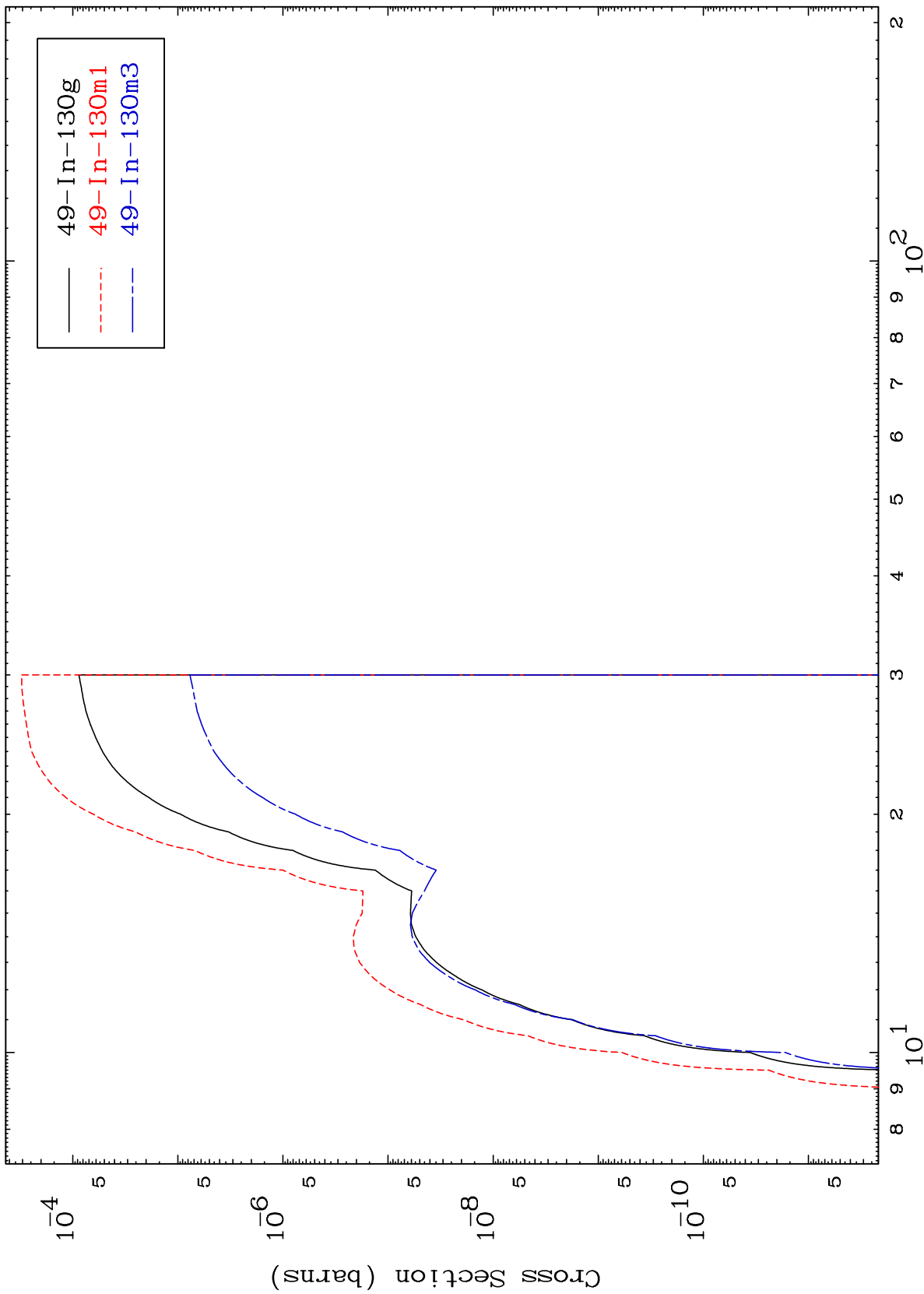
Incident Energy (MeV)

— 50-Sn-131g
- - - 50-Sn-131m1

MAT 5080

50-Sn-130

(n,p)
Radionuclide Production Cross Section



29

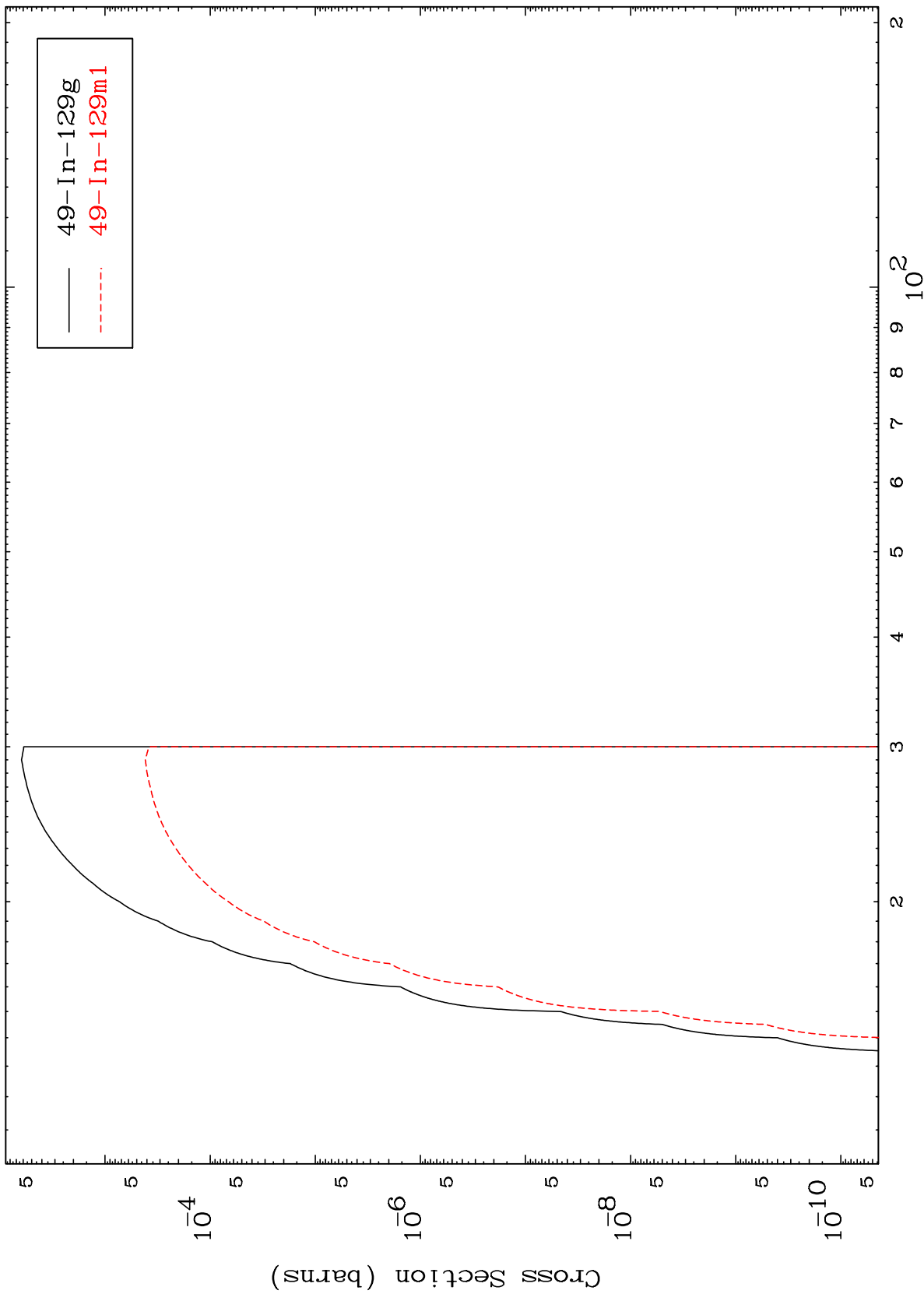
Incident Energy (MeV)

50-Sn-130

MAT 5080

50-Sn-130

(n,d)
Radionuclide Production Cross Section



— 49-In-129g
- - - 49-In-129m1

50-Sn-130

Incident Energy (MeV)

30

MAT 5080

50-Sn-130

(n,t)
Radionuclide Production Cross Section

