

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

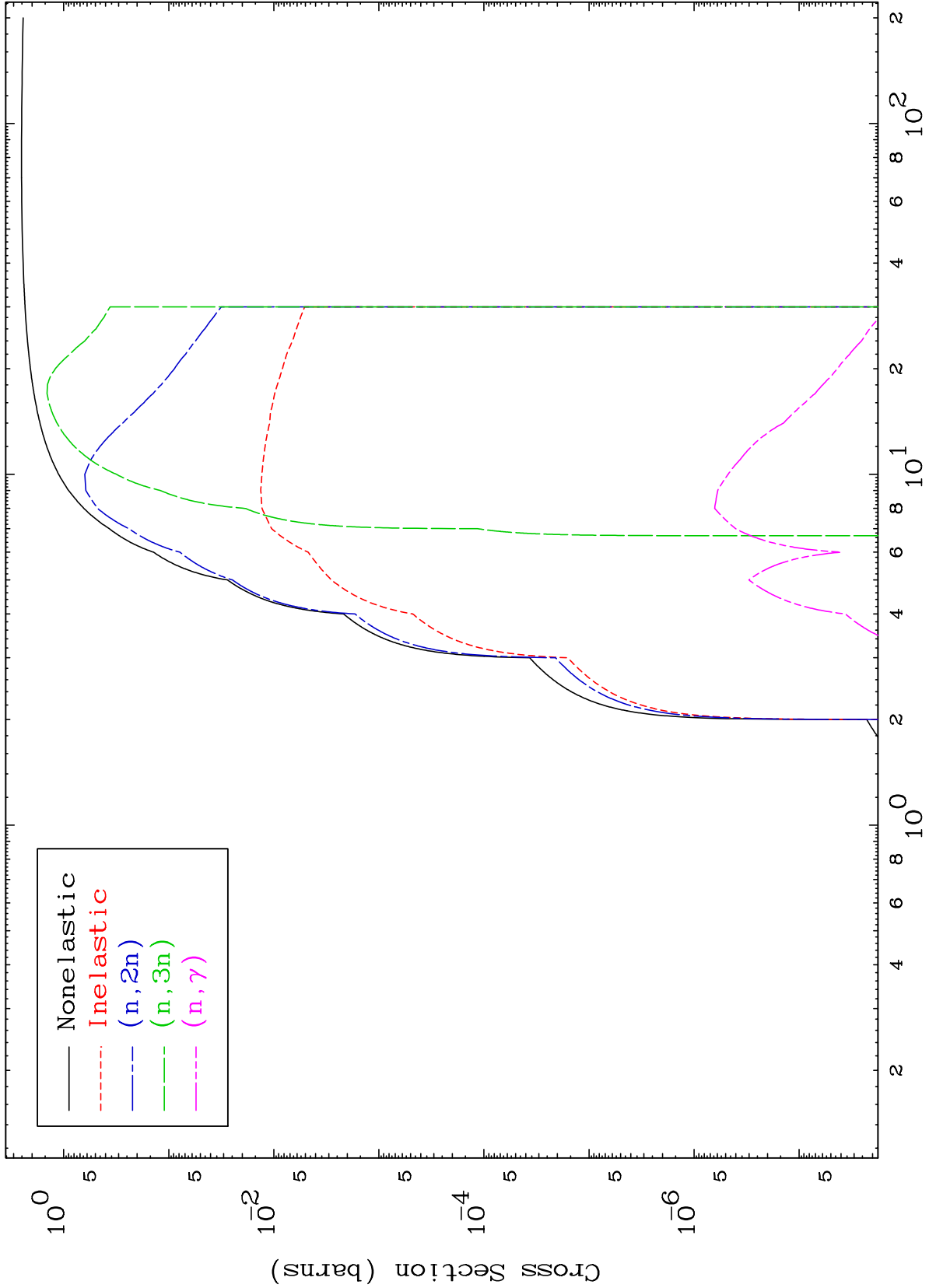
Press Mouse Button to Start

MAT 5079

Deuteron Major

50-Sn-130

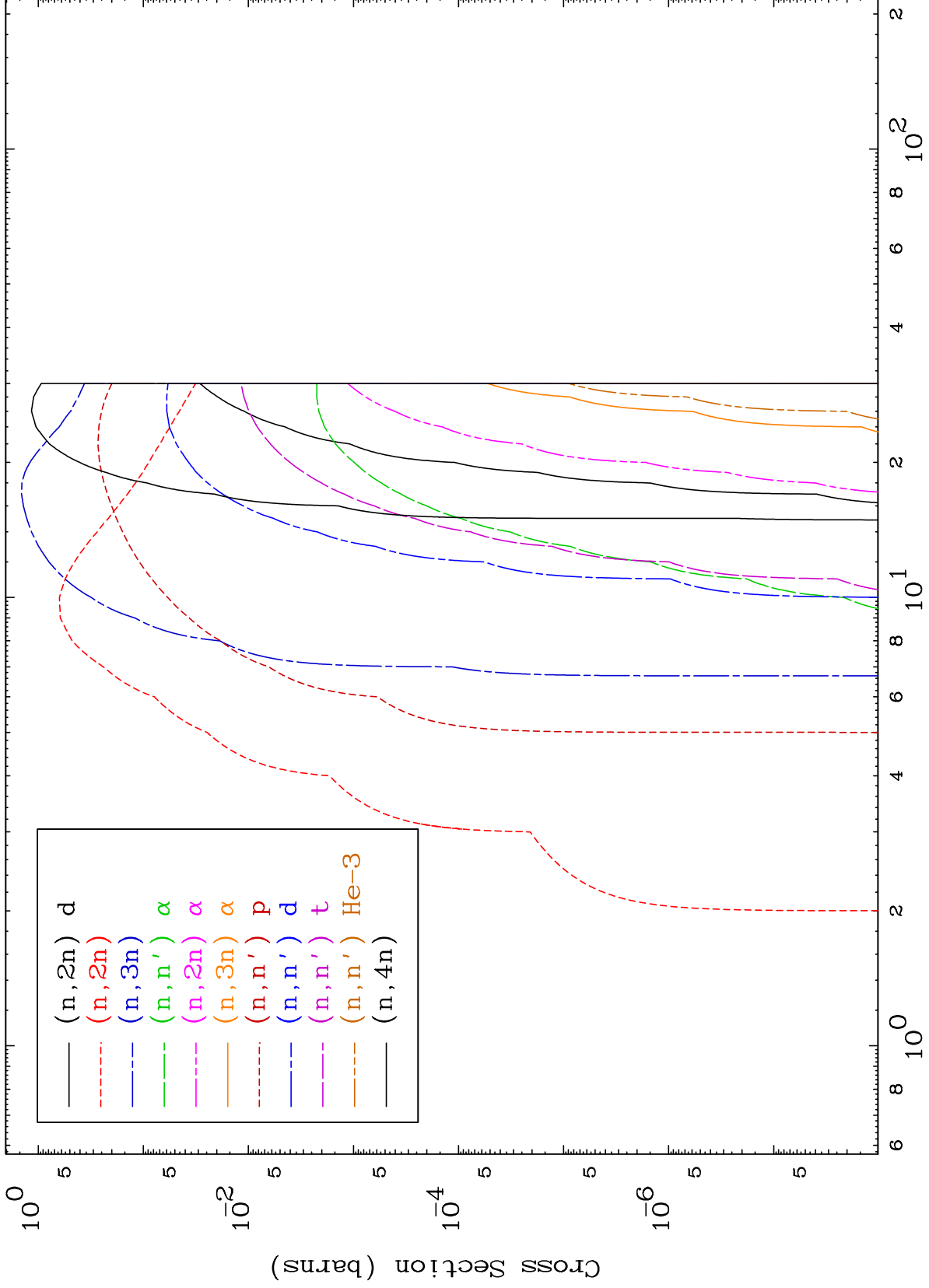
0 Kelvin Cross Sections



MAT 5079

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-130



2

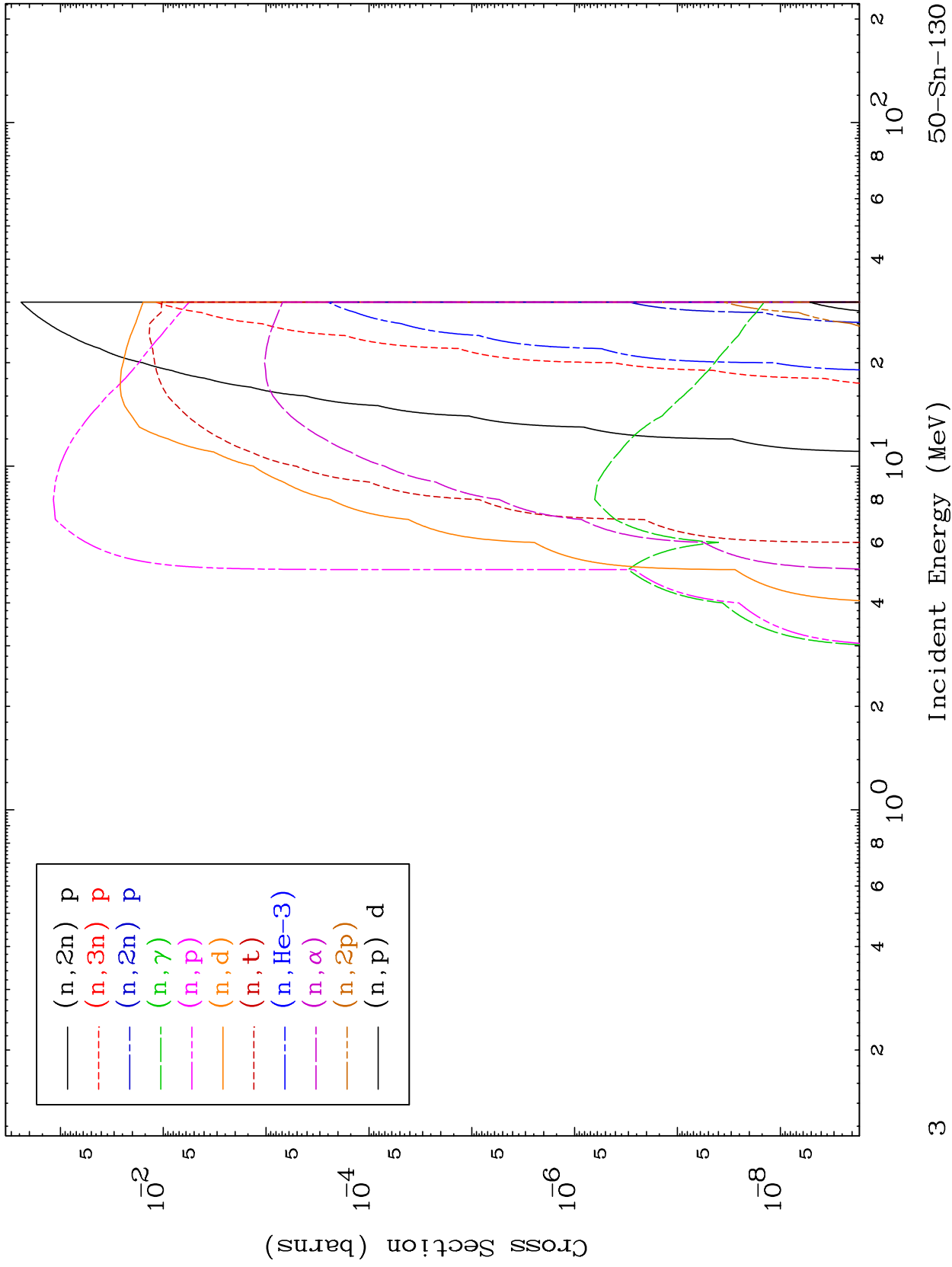
Incident Energy (MeV)

50-Sn-130

MAT 5079

Deuteron Neutron Absorption
0 Kelvin Cross Sections

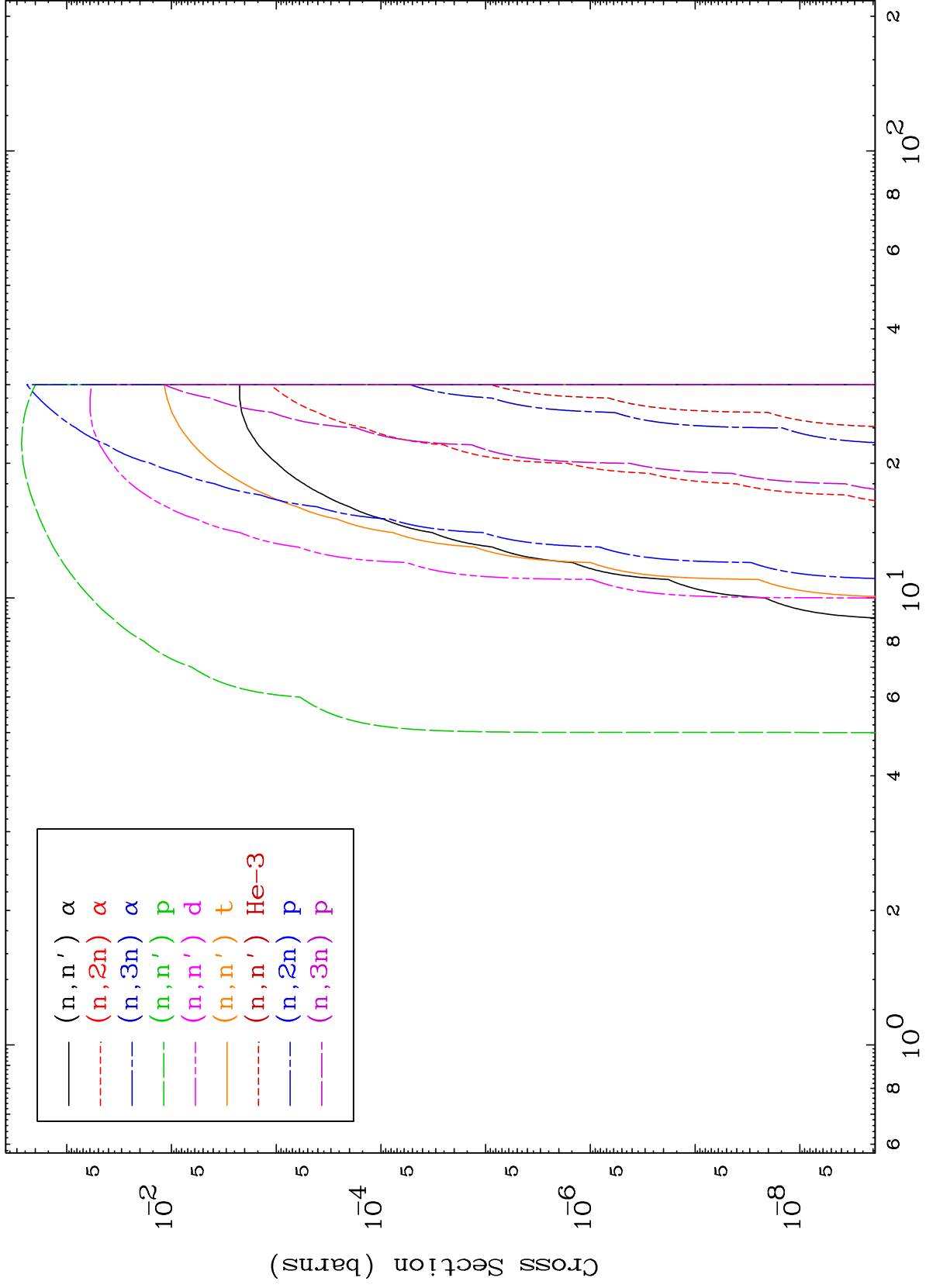
50-Sn-130



MAT 5079

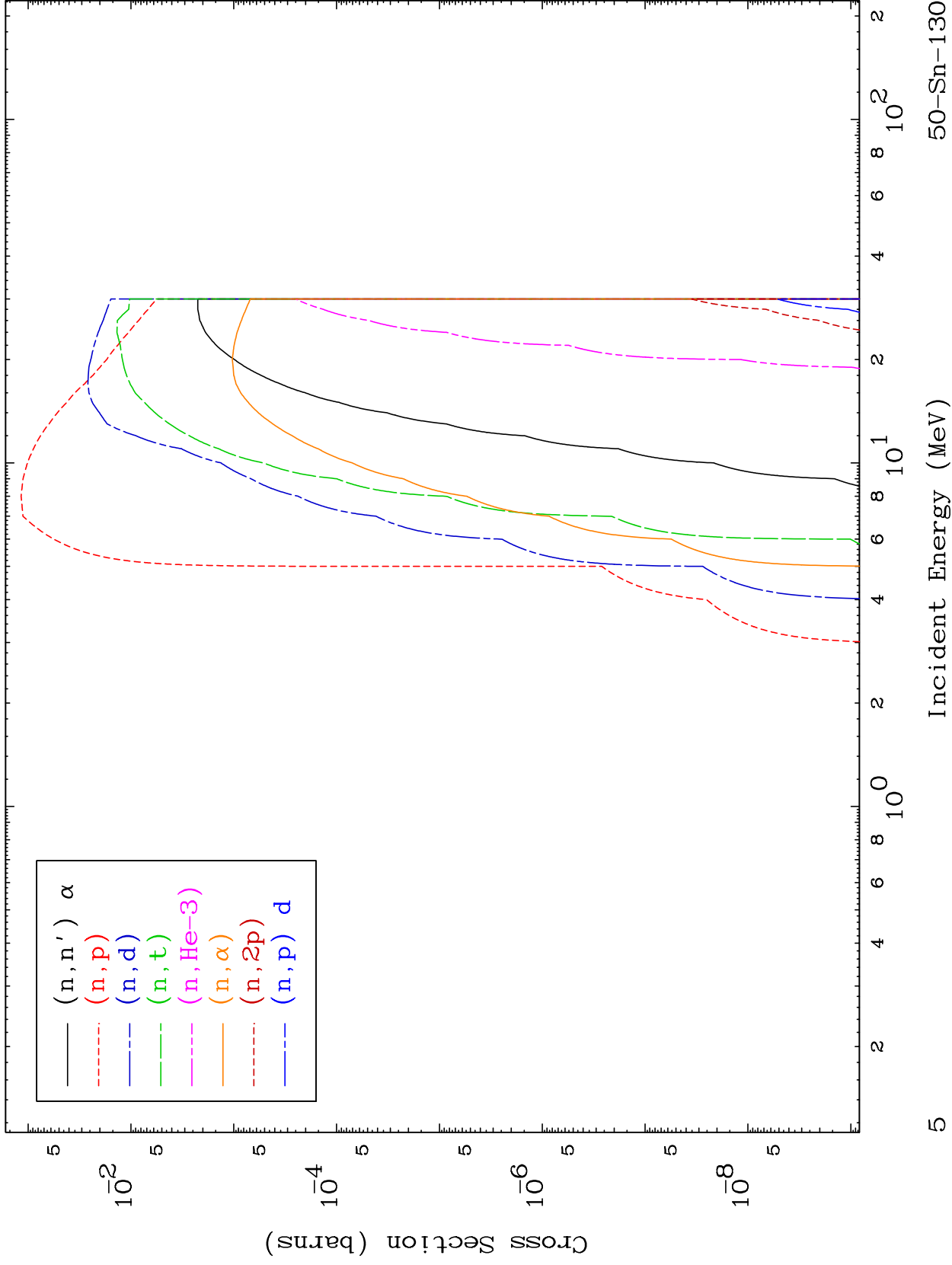
Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-130



Incident Energy (MeV)

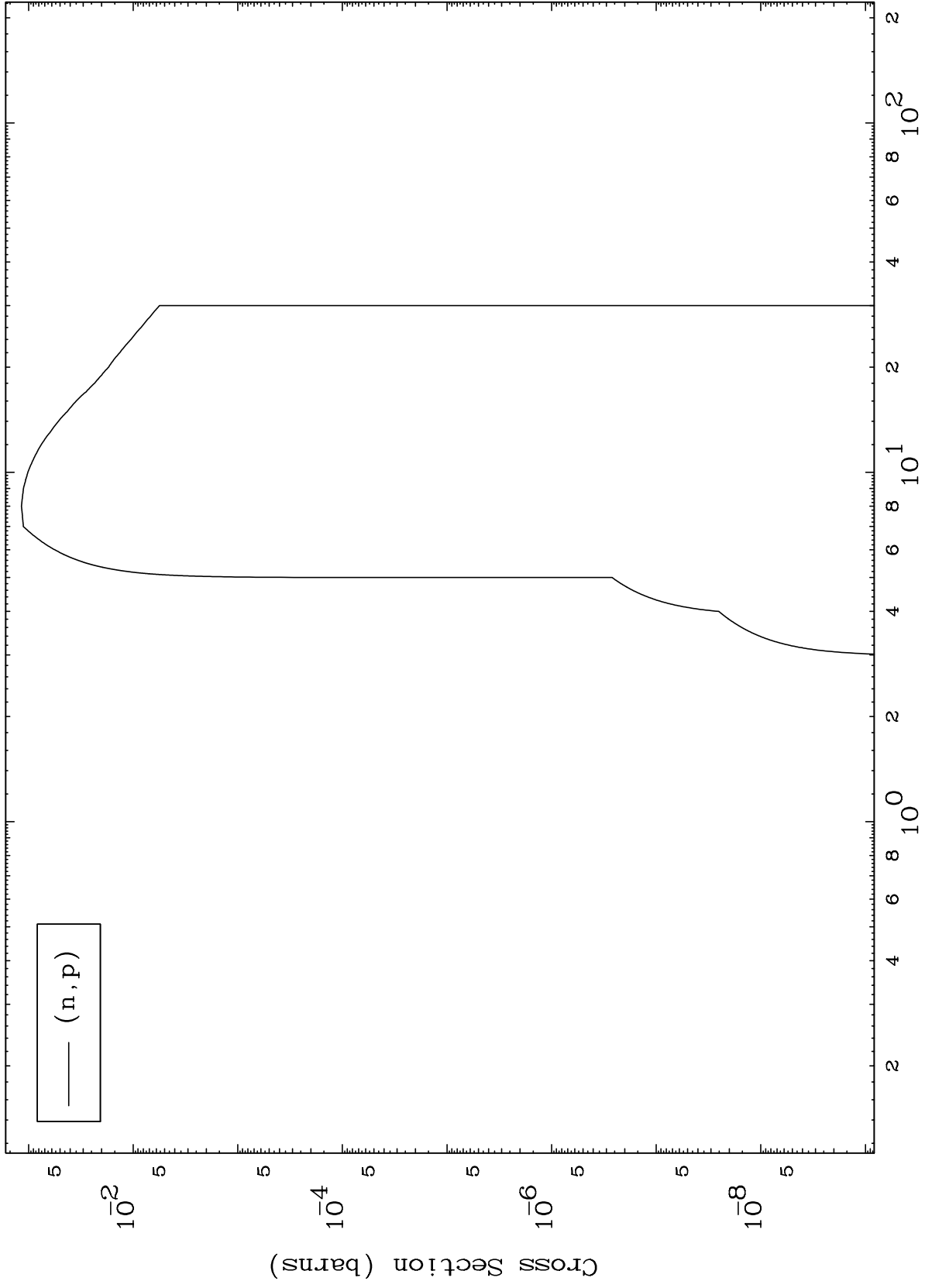
50-Sn-130



MAT 5079

(d,p) Levels
0 Kelvin Cross Sections

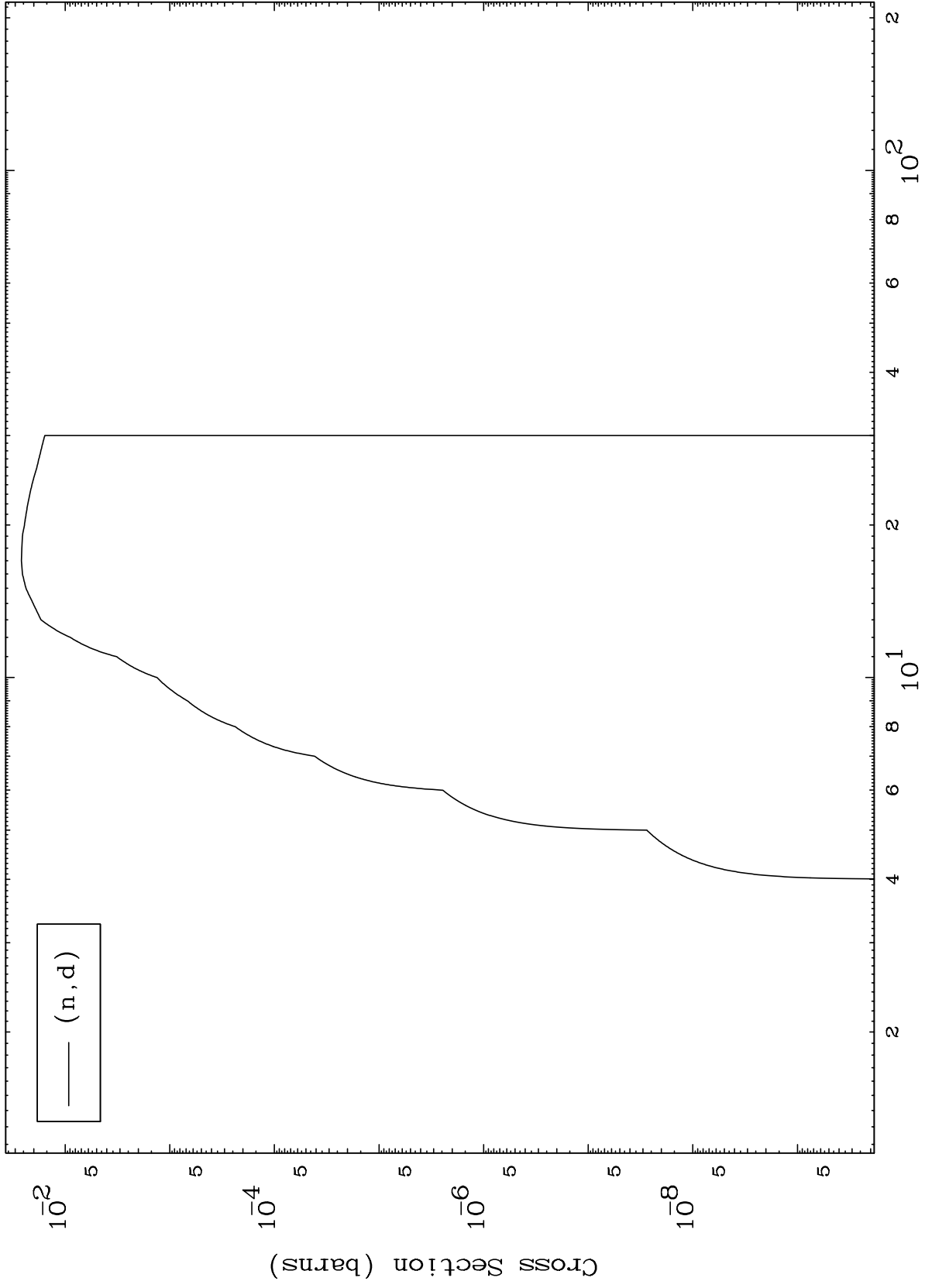
50-Sn-130



MAT 5079

(d,d) Levels
0 Kelvin Cross Sections

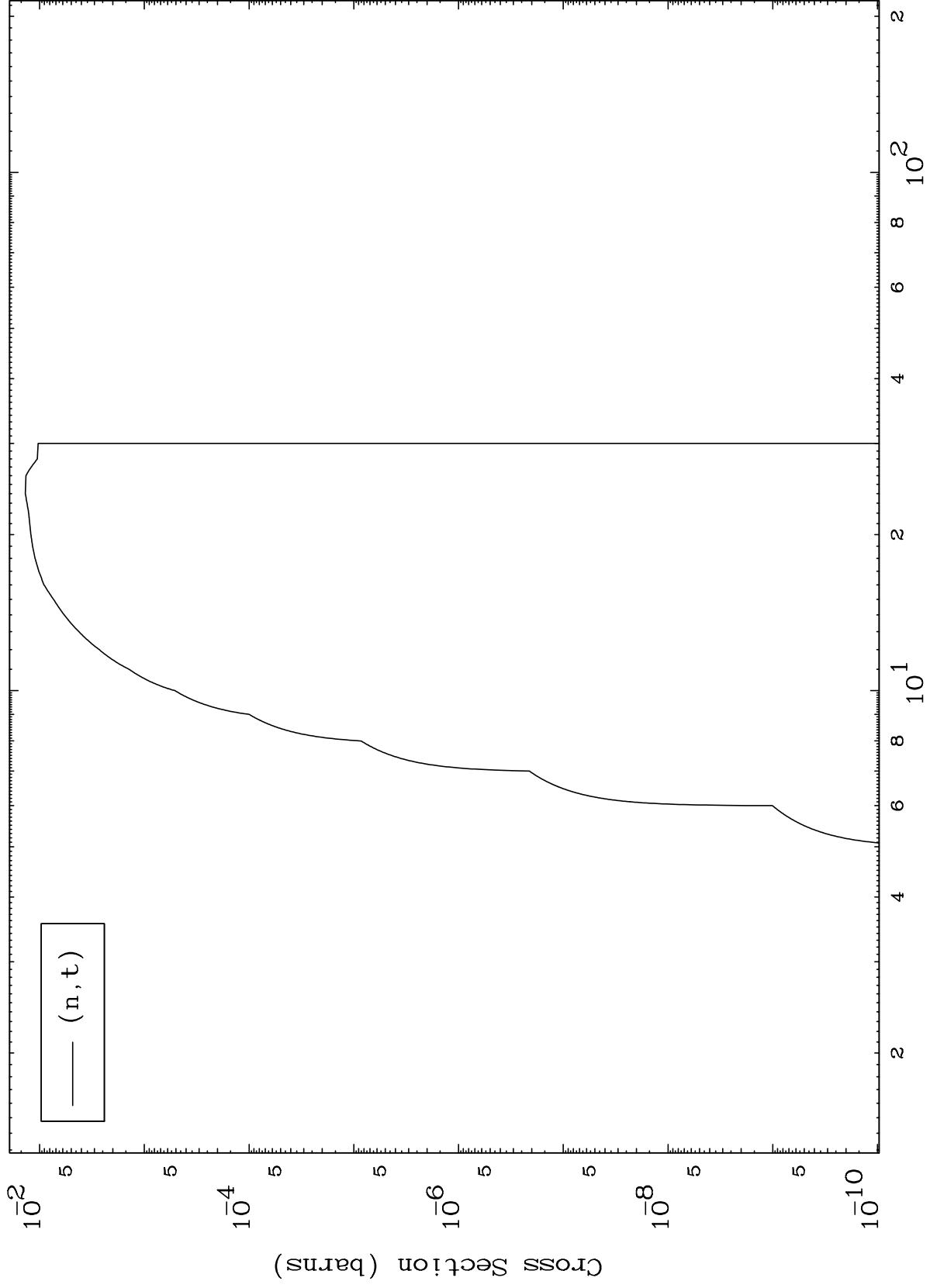
50-Sn-130



MAT 5079

(d,t) Levels
0 Kelvin Cross Sections

50-Sn-130



8

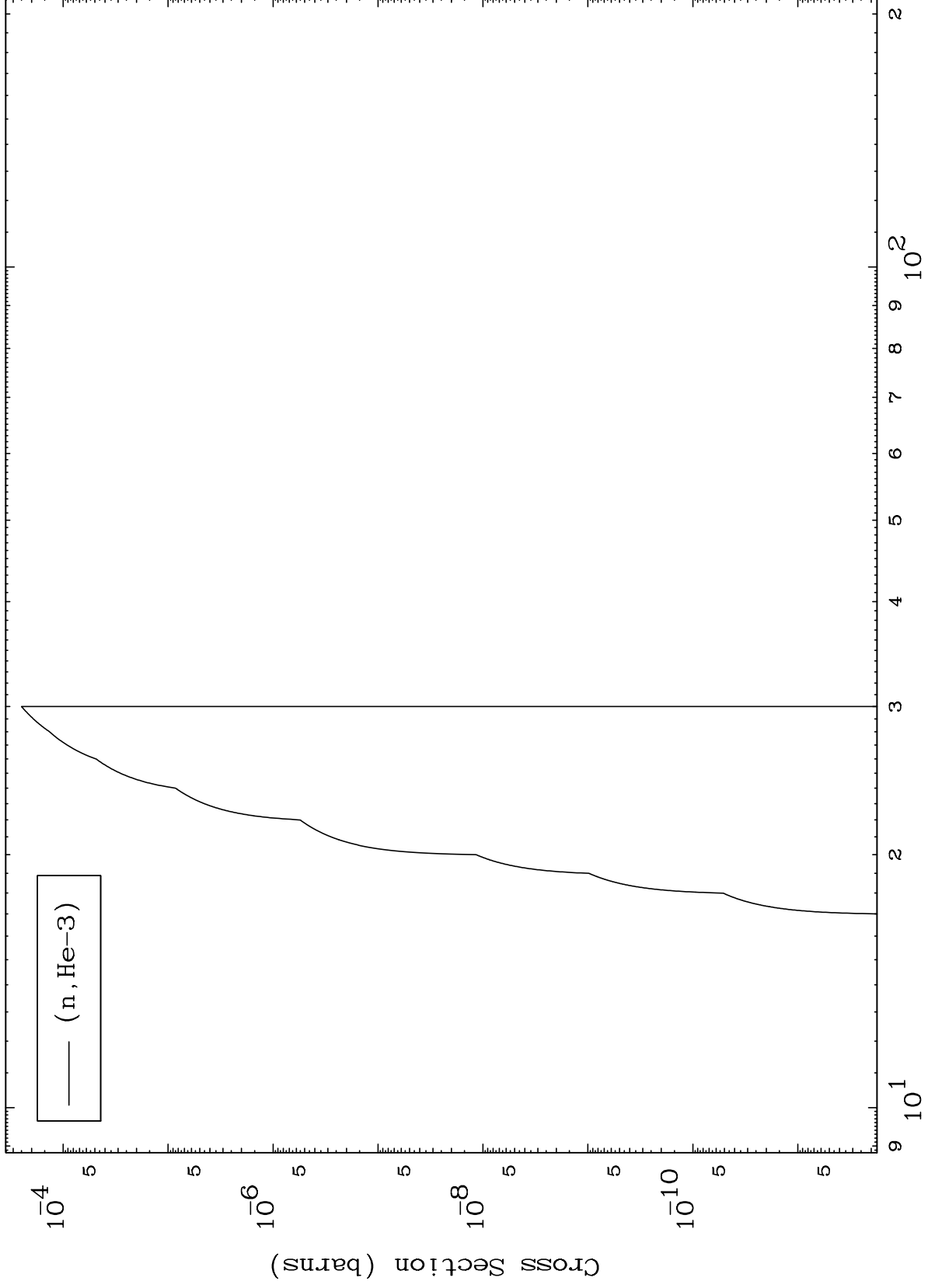
Incident Energy (MeV)

50-Sn-130

MAT 5079

(d,He3) Levels
0 Kelvin Cross Sections

50-Sn-130



9

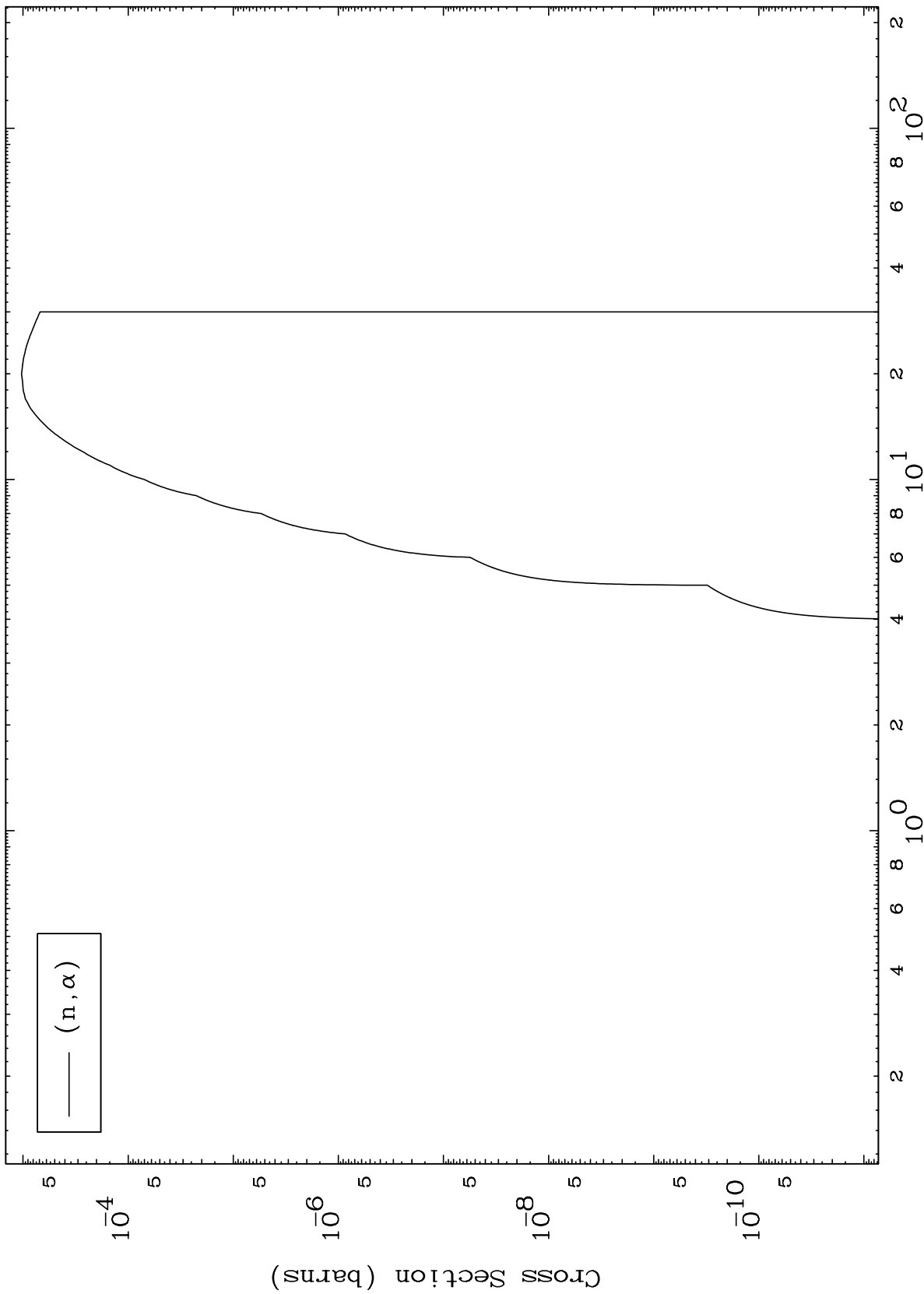
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

(d, α) Levels
0 Kelvin Cross Sections



50-Sn-130

Incident Energy (MeV)

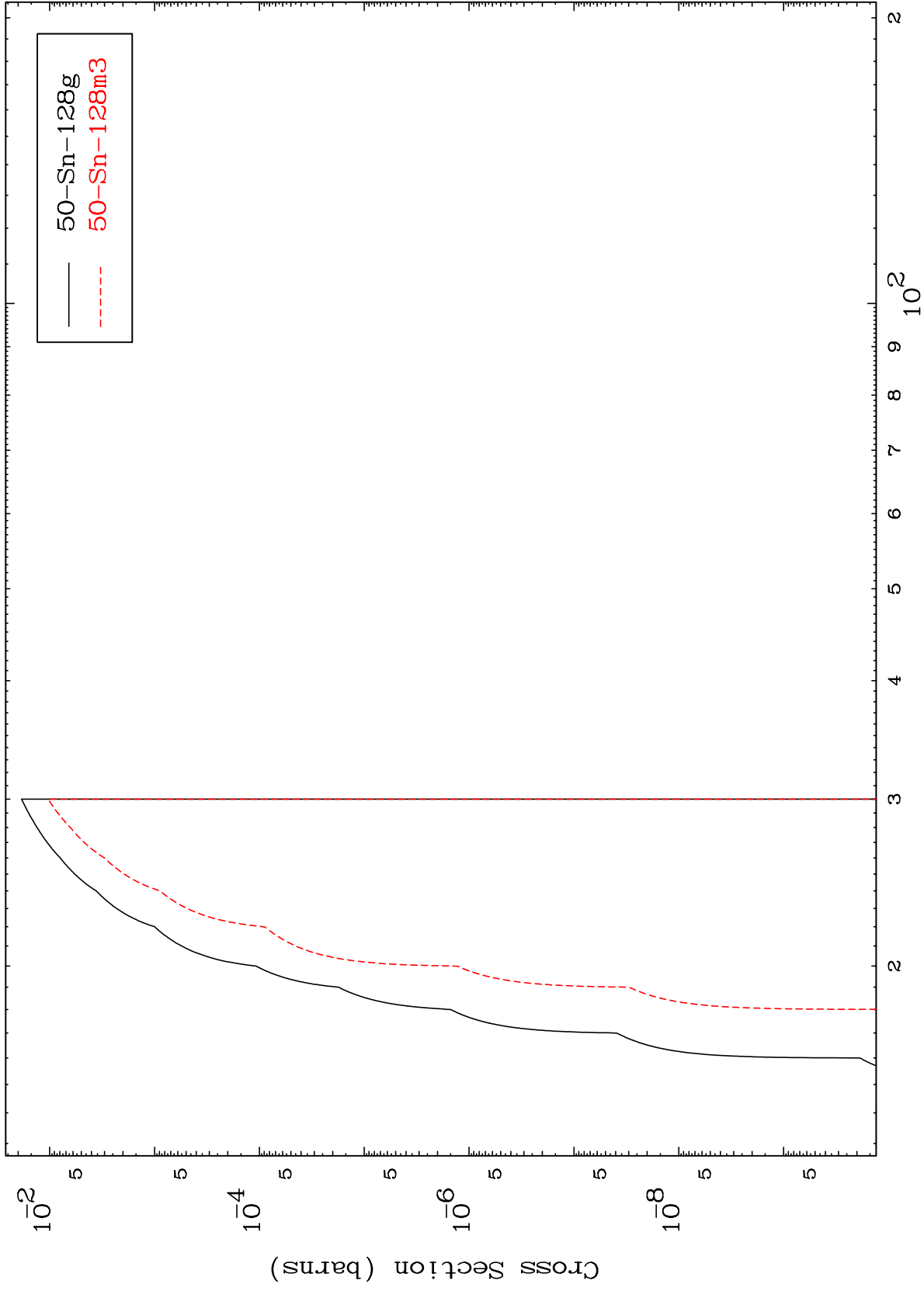
10

MAT 5079

(n,2n) d

50-Sn-130

Radionuclide Production Cross Section



11

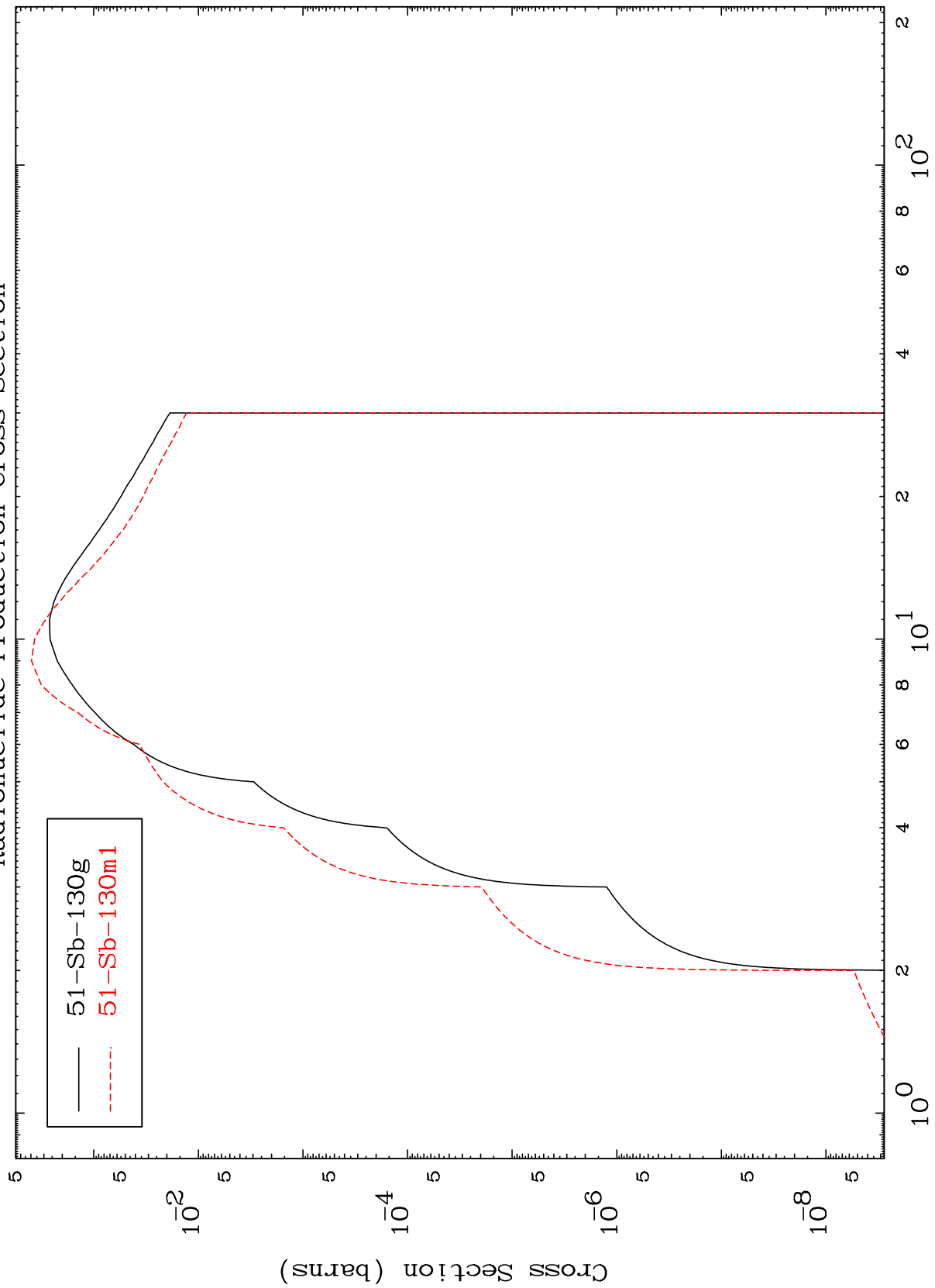
Incident Energy (MeV)

50-Sn-130

MAT 5079

50-Sn-130

Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

50-Sn-130

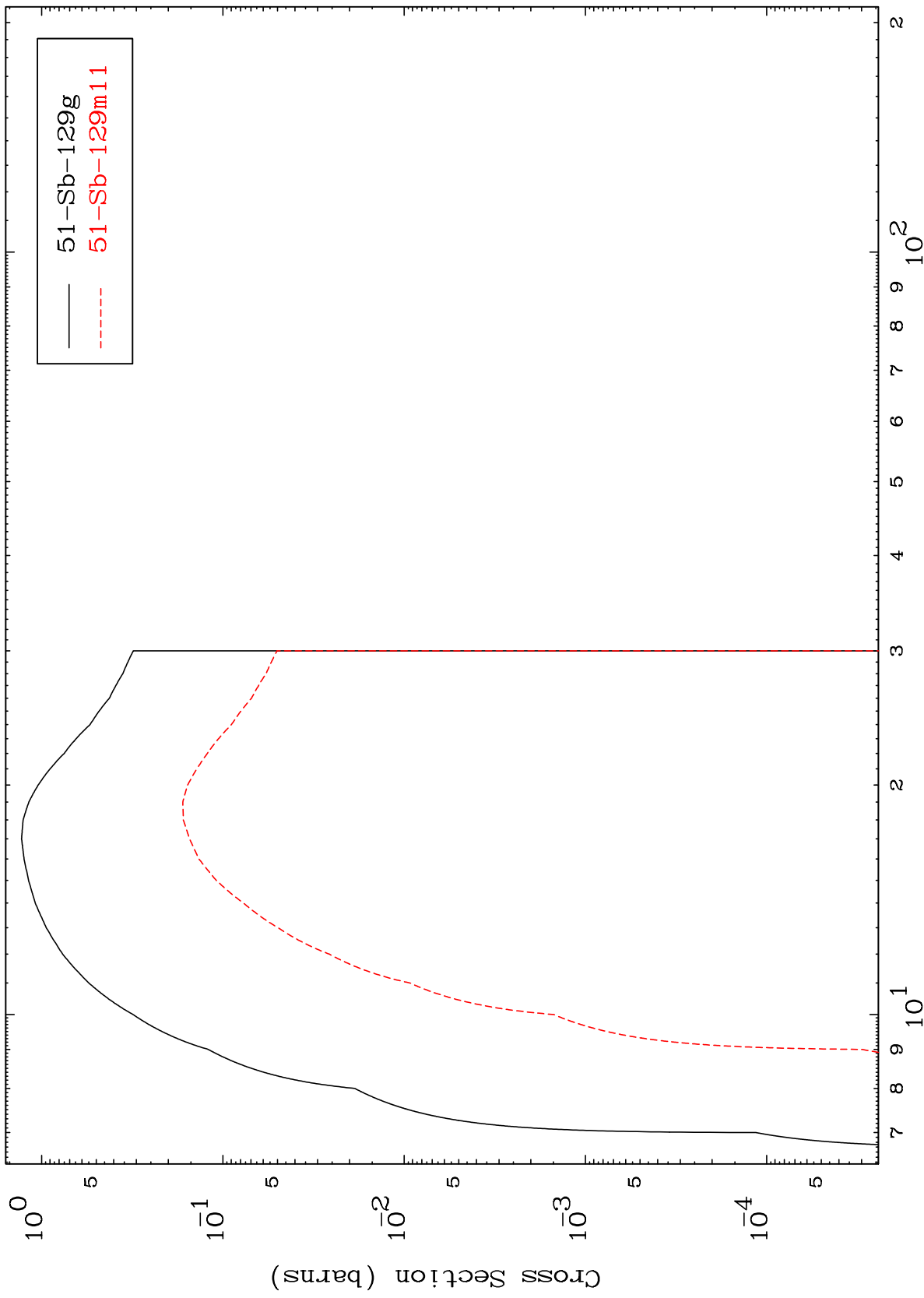
Incident Energy (MeV)

12

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50-Sn-130

(n,3n)
Radionuclide Production Cross Section



50-Sn-130

Incident Energy (MeV)

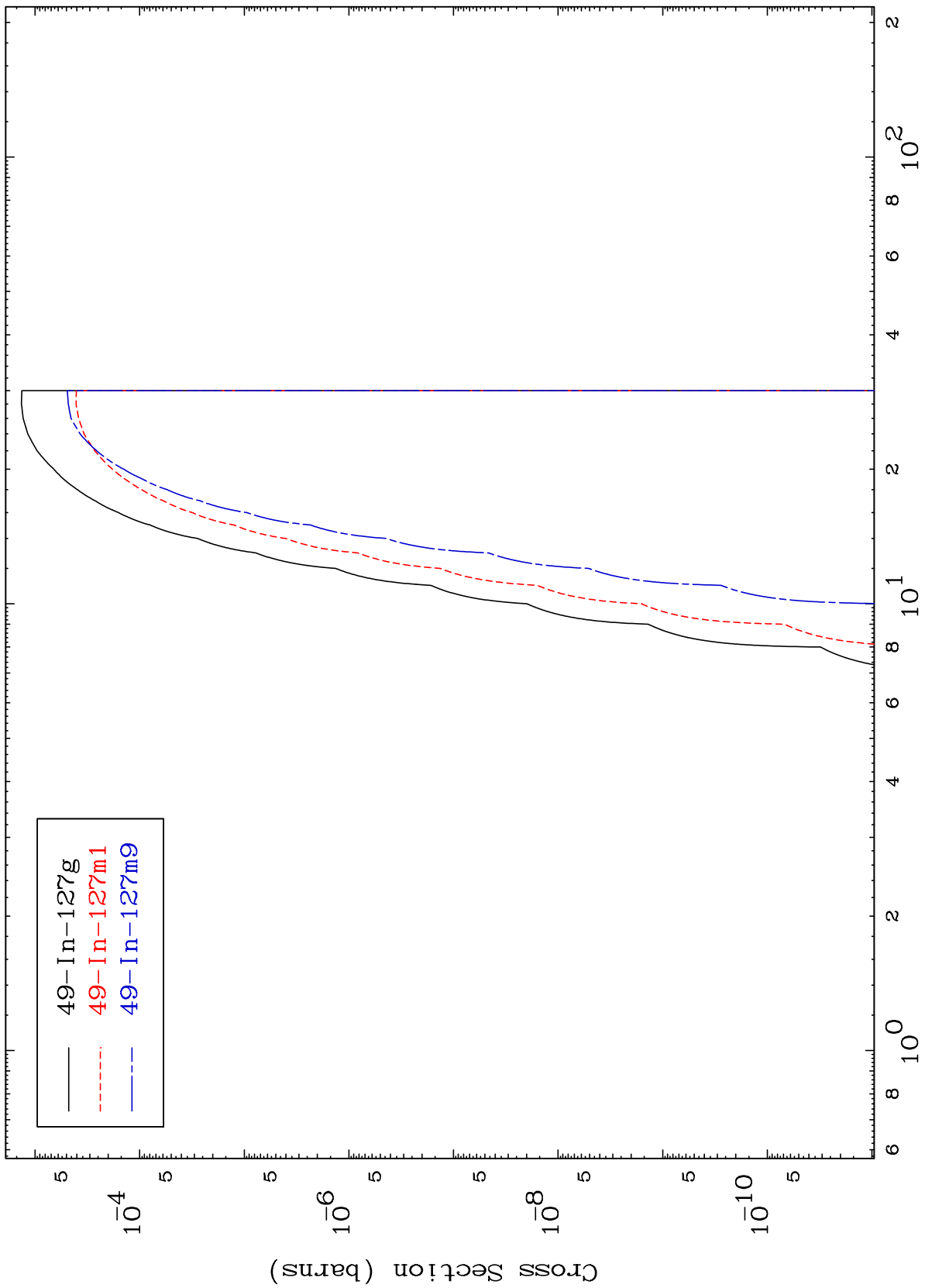
13

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(n,n') α

50-Sn-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

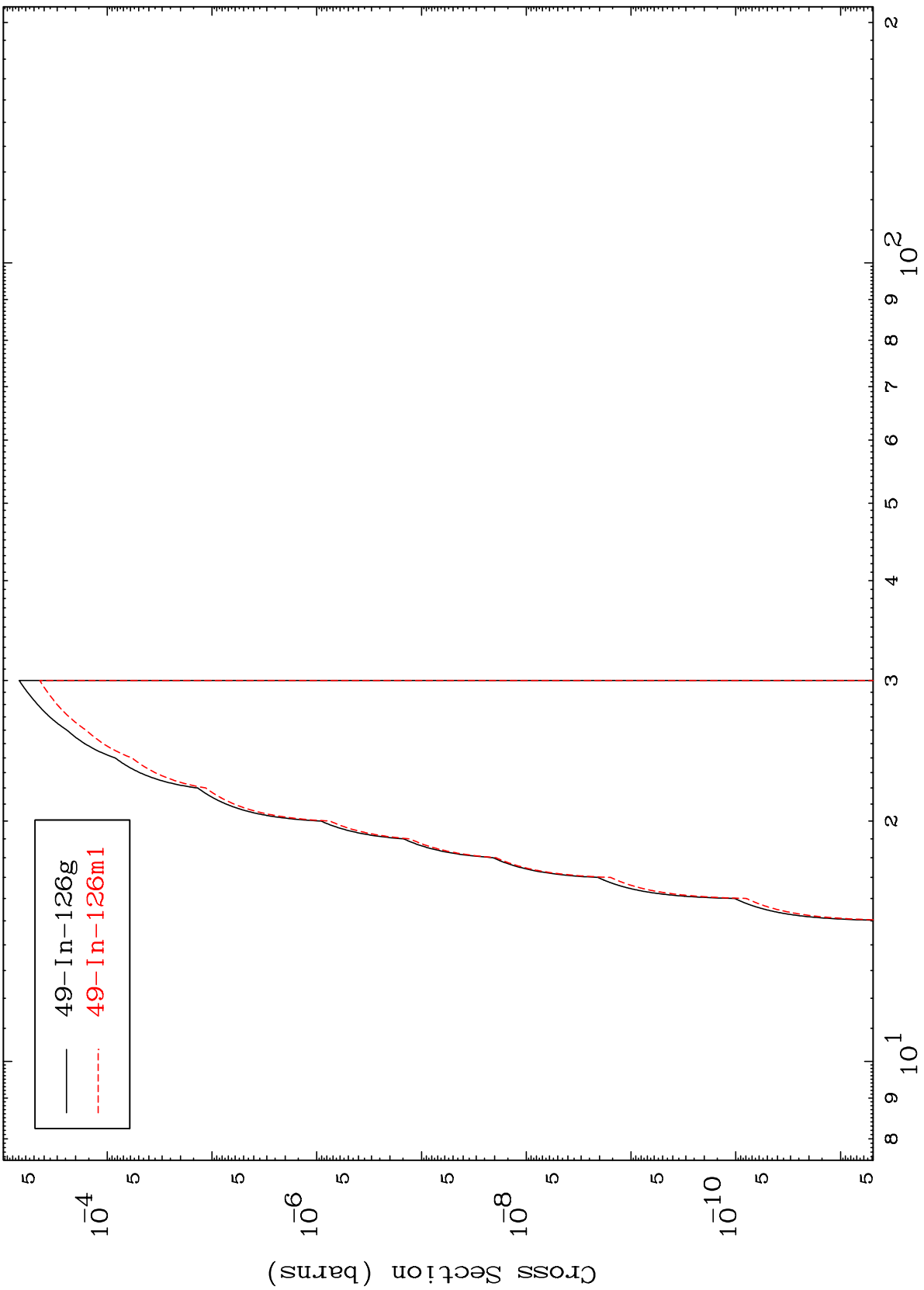
50-Sn-130

MAT 5079

(n,2n) α

50-Sn-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

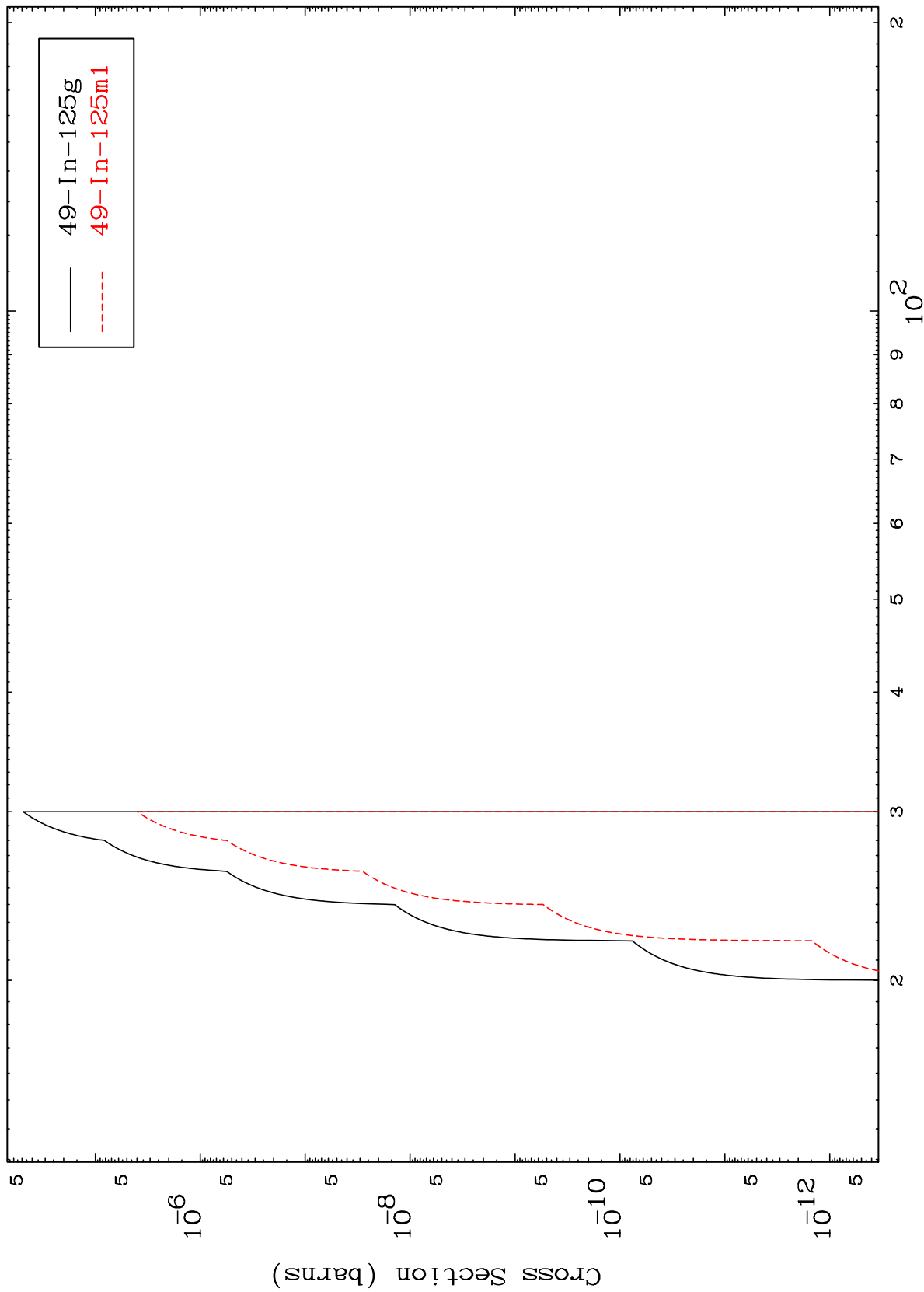
50-Sn-130

MAT 5079

50-Sn-130

(n,3n) α

Radionuclide Production Cross Section



16

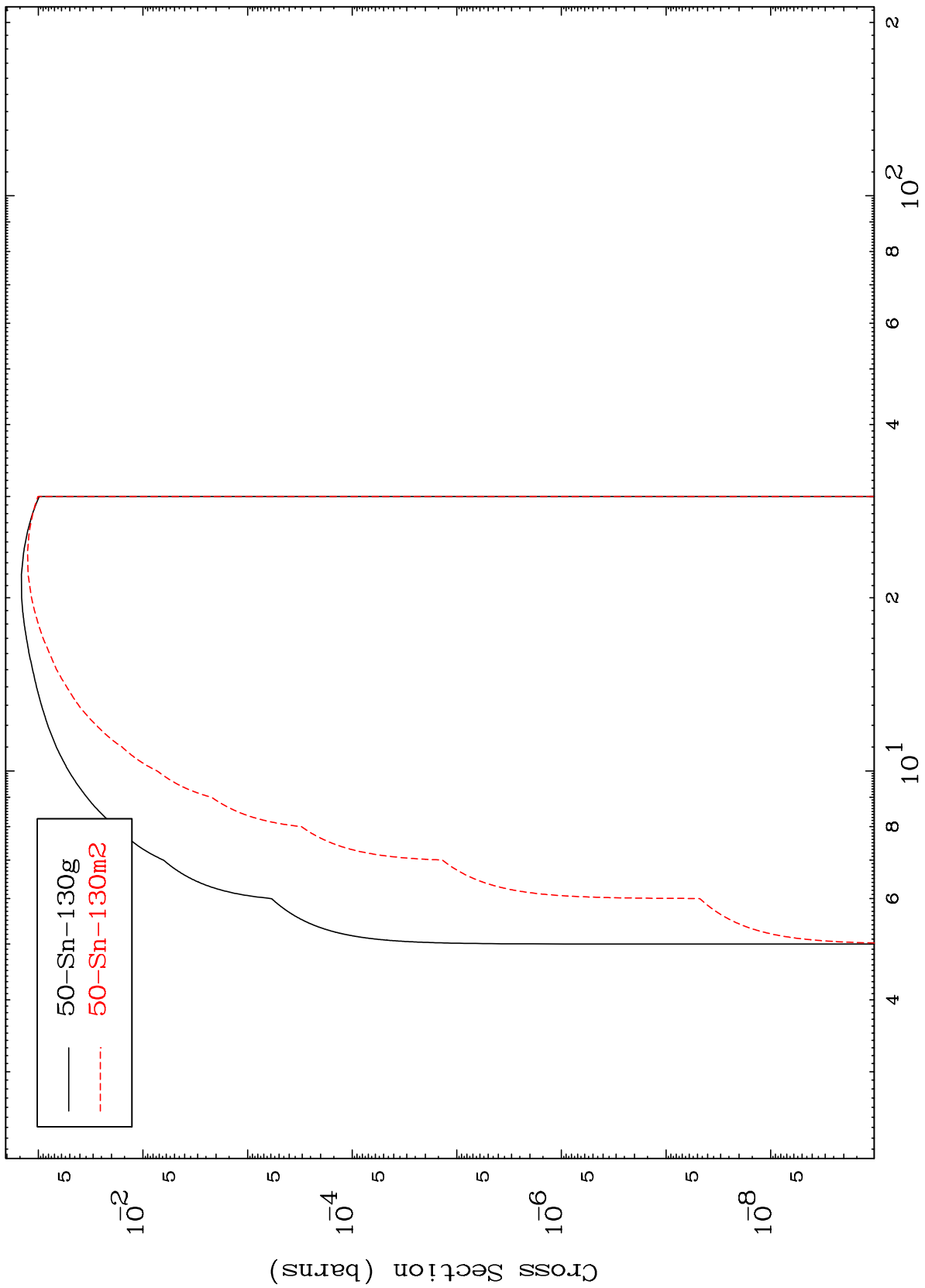
50-Sn-130

Incident Energy (MeV)

MAT 5079

50-Sn-130

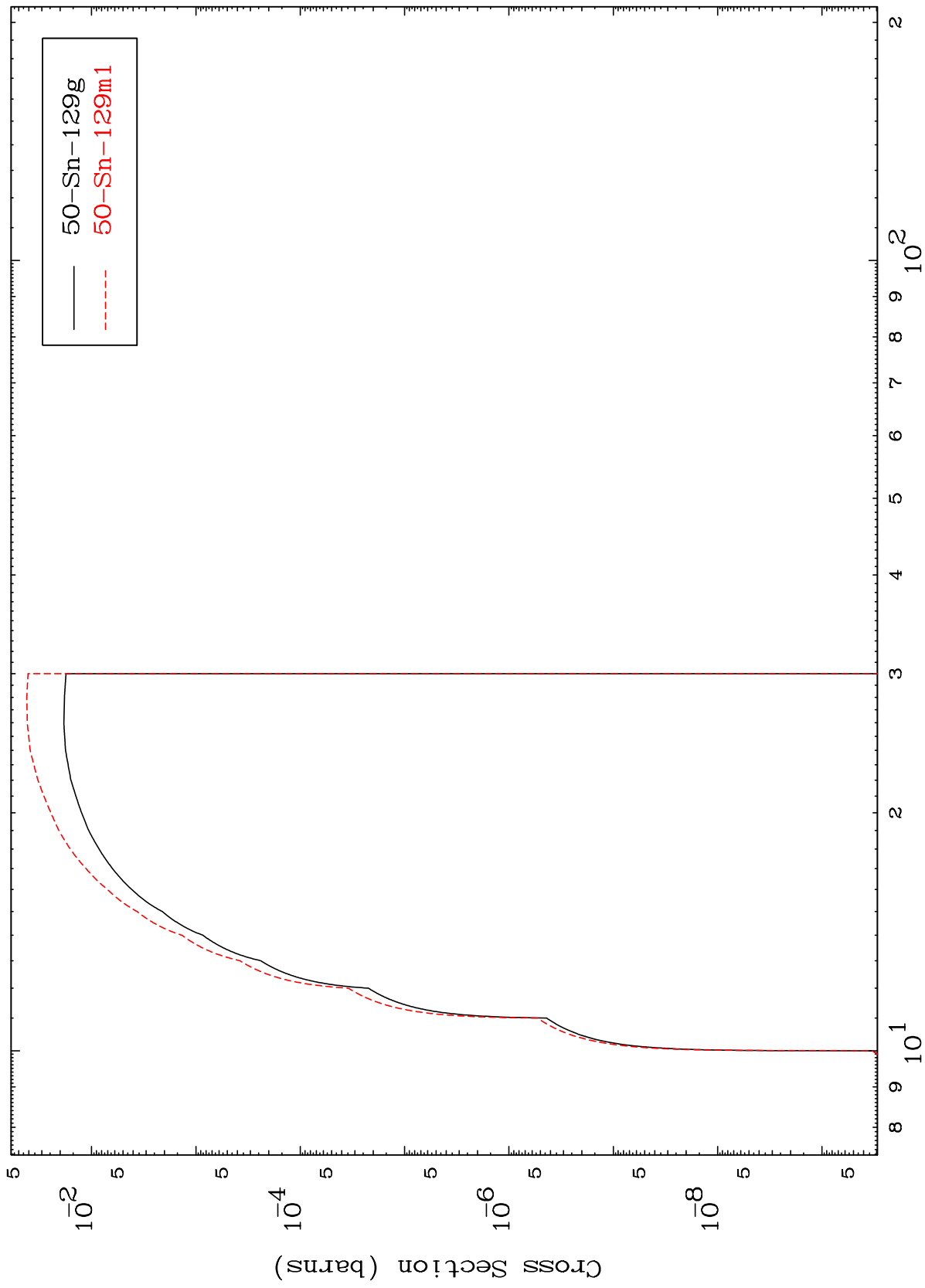
(n,n') p
Radionuclide Production Cross Section



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50-Sn-130

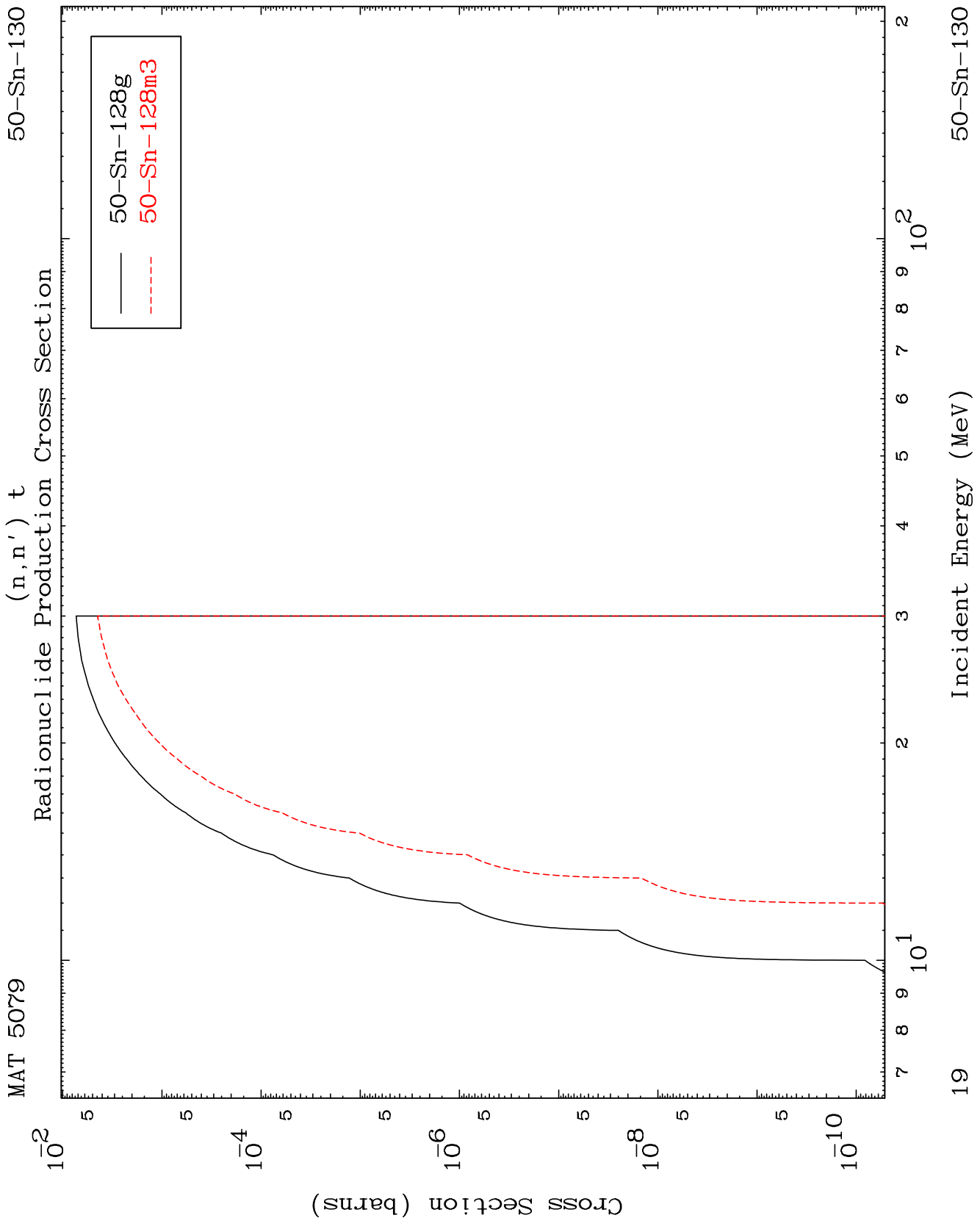
(n,n') d
Radionuclide Production Cross Section



50-Sn-130

Incident Energy (MeV)

18

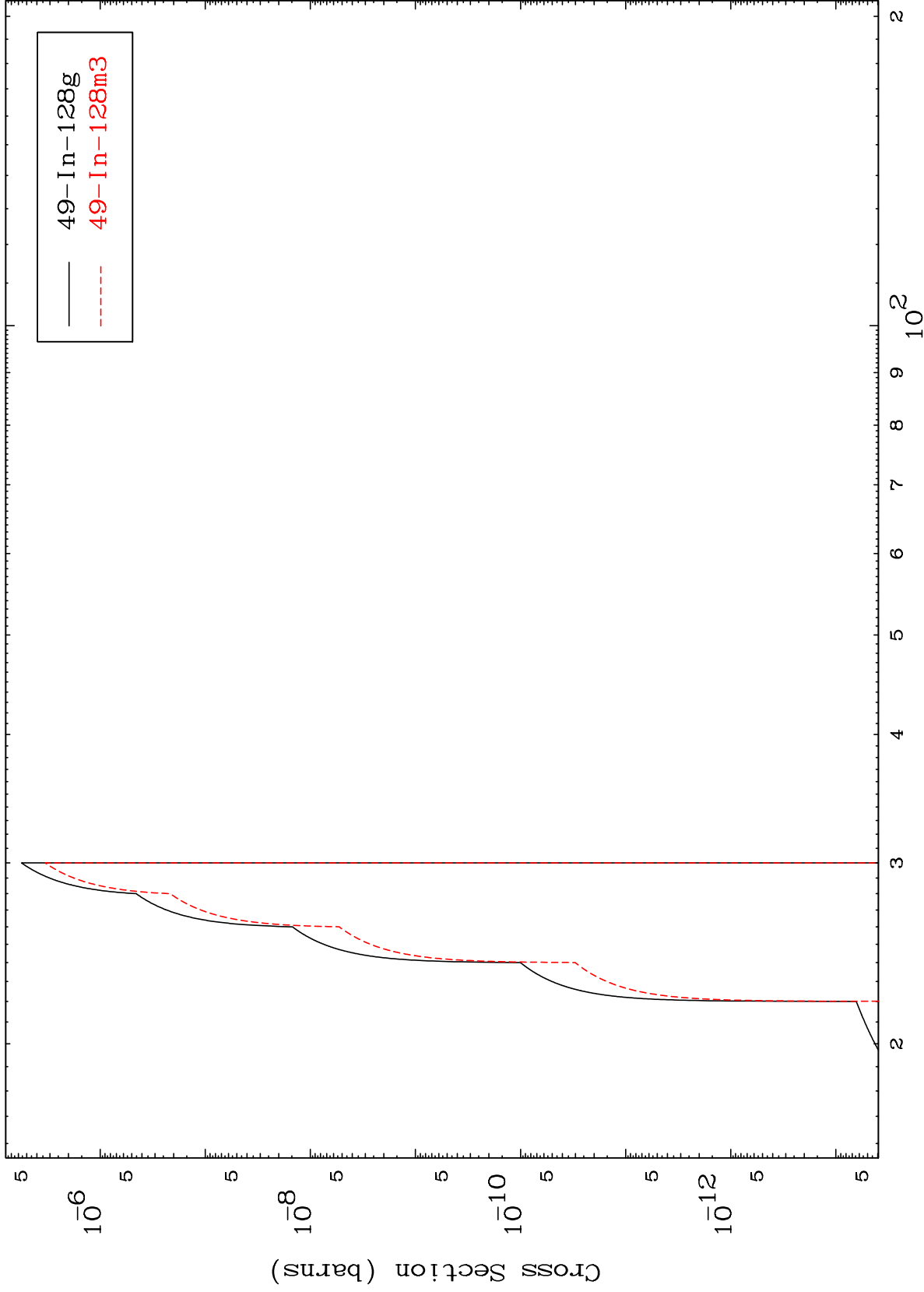


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(n,n') He-3

50-Sn-130

Radionuclide Production Cross Section



20

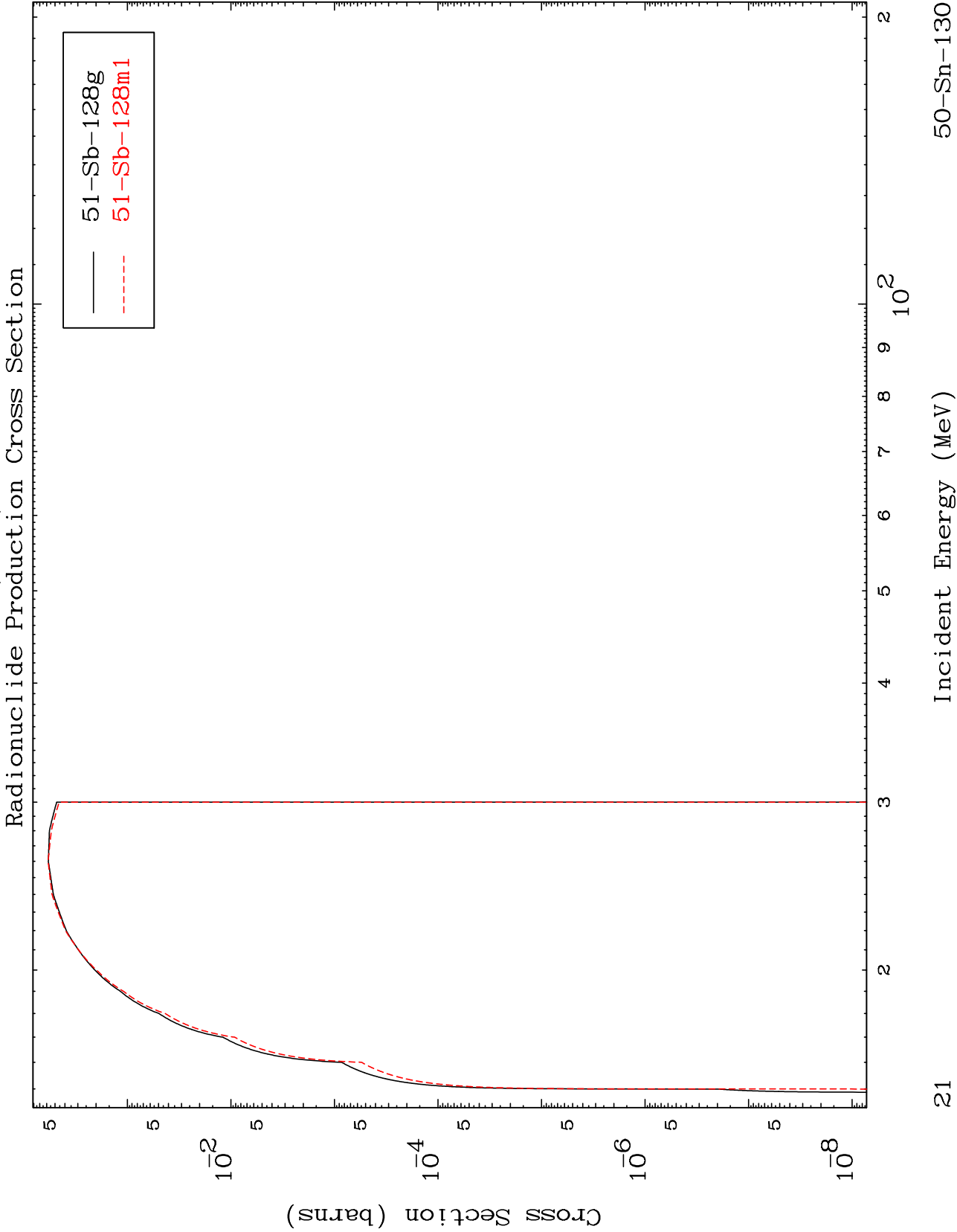
Incident Energy (MeV)

50-Sn-130

MAT 5079

(n,4n)

50-Sn-130

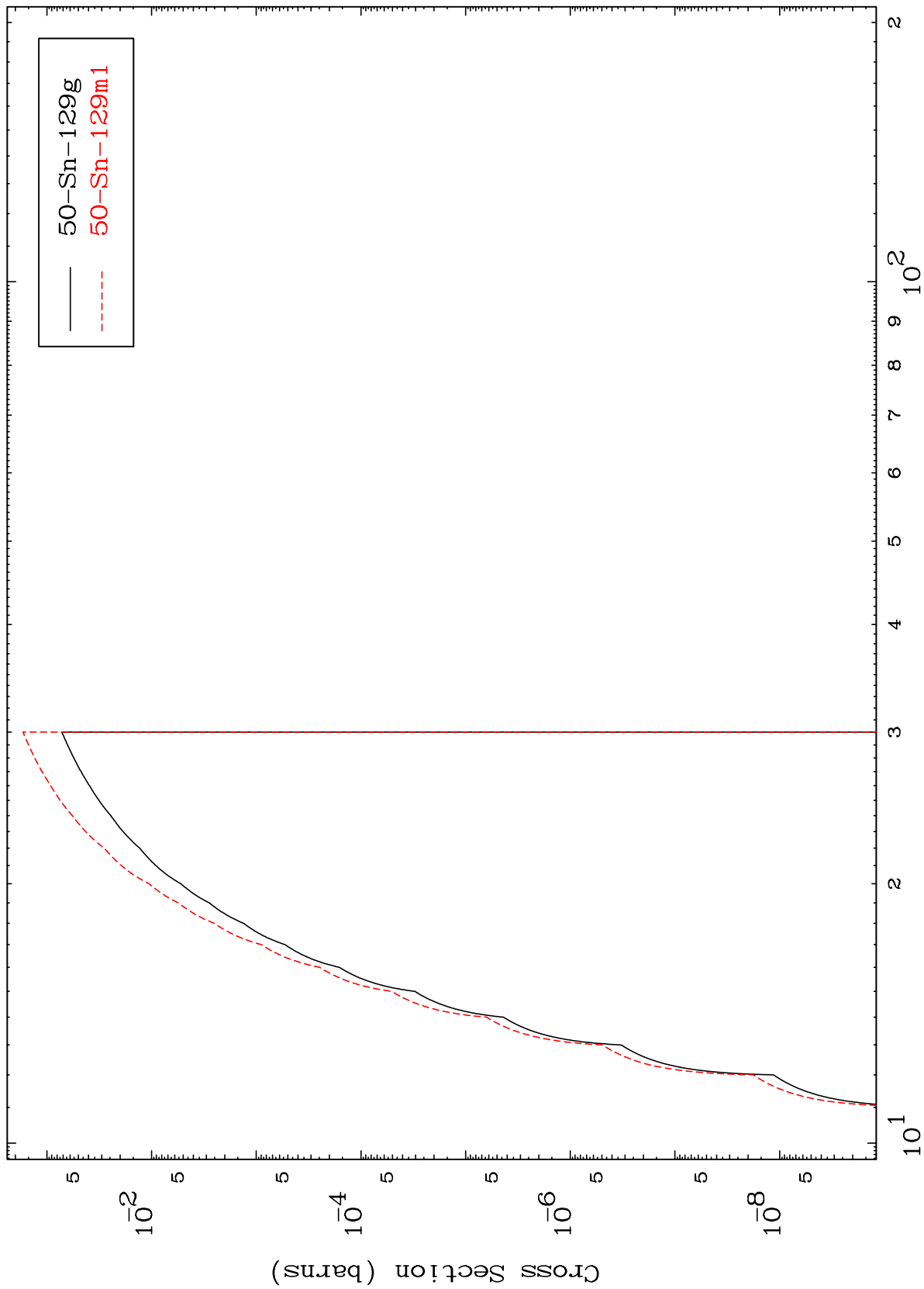


MAT 5079

(n,2n) p

50-Sn-130

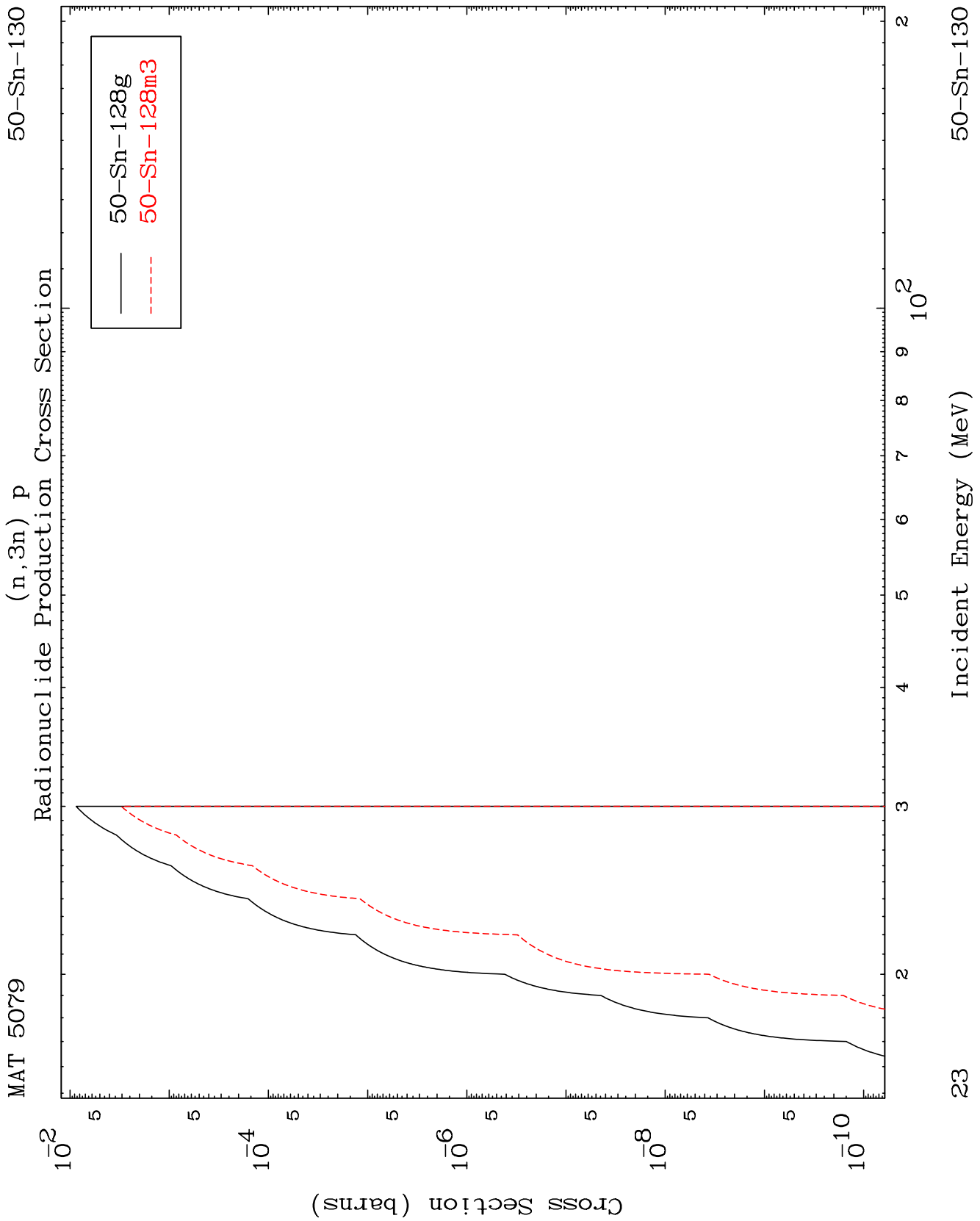
Radionuclide Production Cross Section



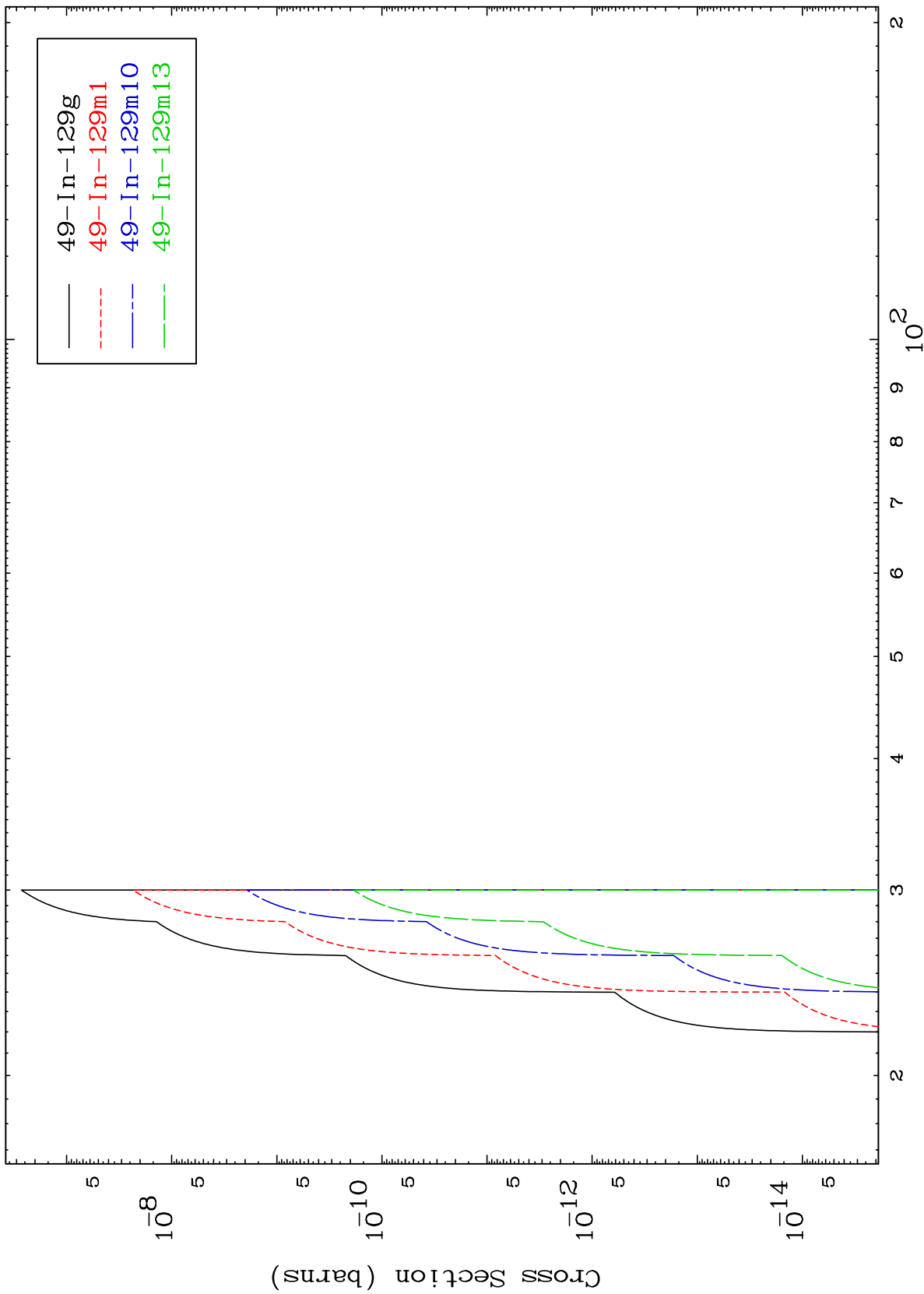
22

Incident Energy (MeV)

50-Sn-130



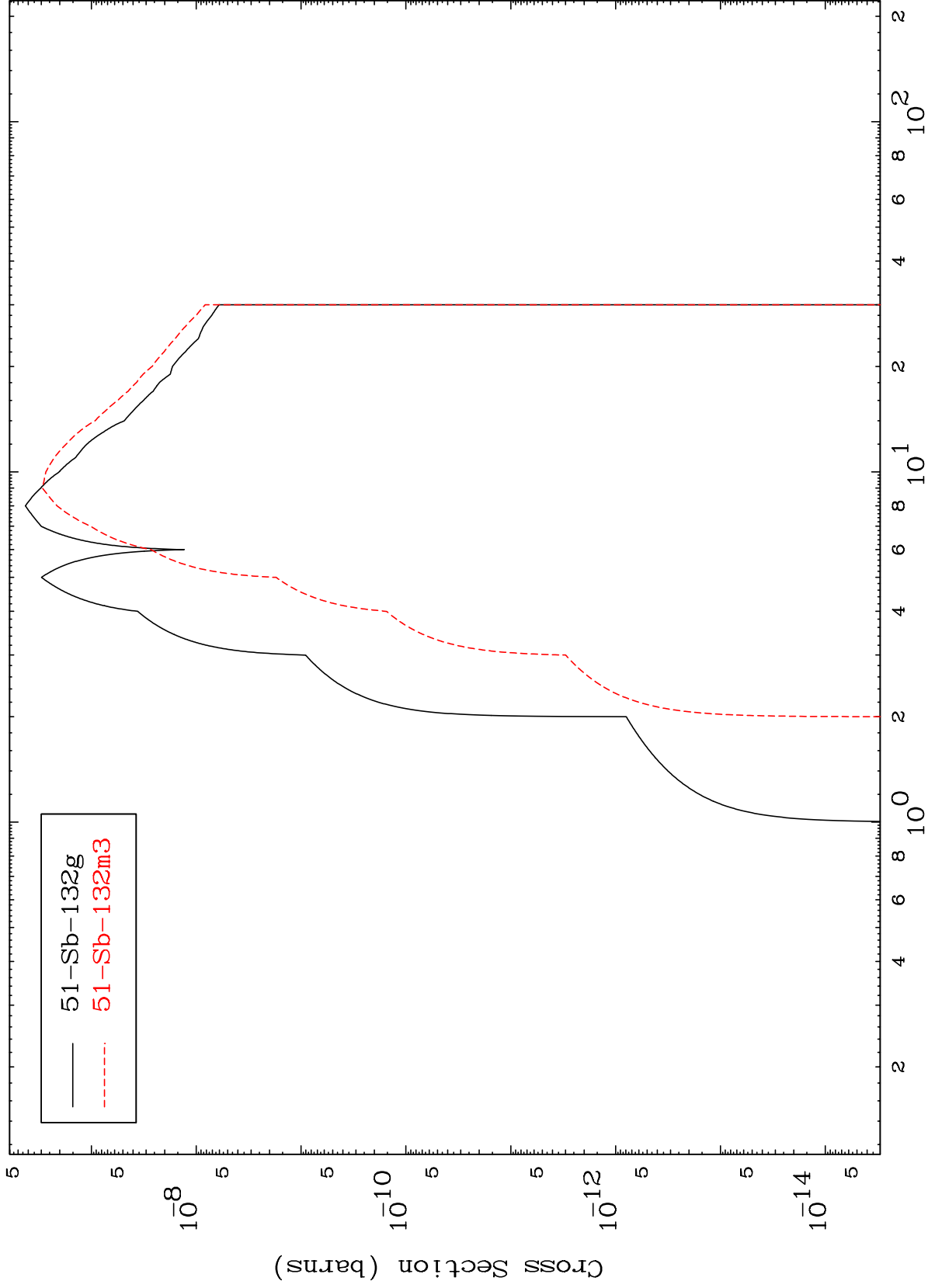
Radionuclide Production Cross Section



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50-Sn-130

(n, γ)
Radionuclide Production Cross Section



25

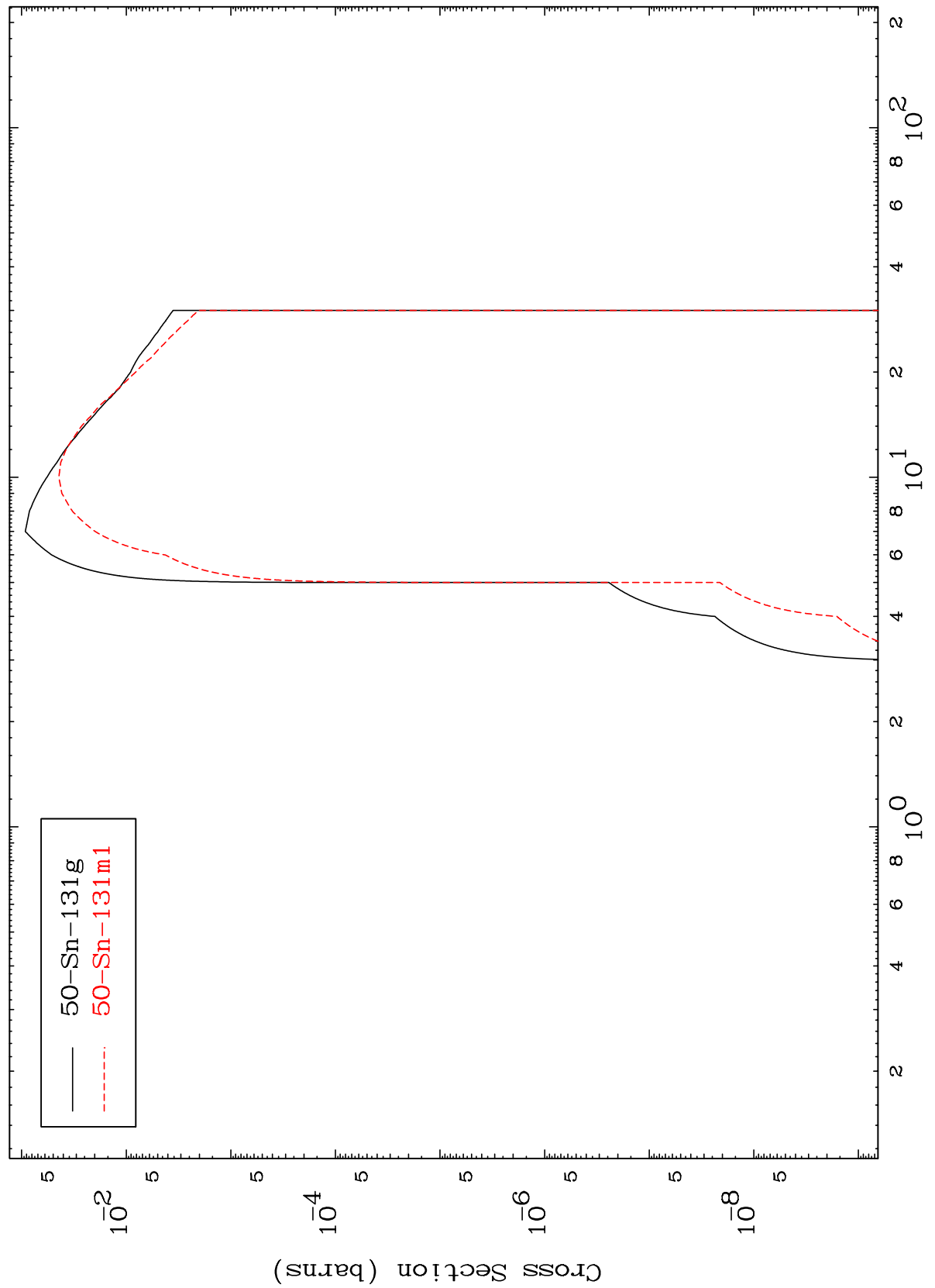
50-Sn-130

Incident Energy (MeV)

MAT 5079

50-Sn-130

(n,p)
Radionuclide Production Cross Section



— 50-Sn-131g
- - - 50-Sn-131m1

50-Sn-130

Incident Energy (MeV)

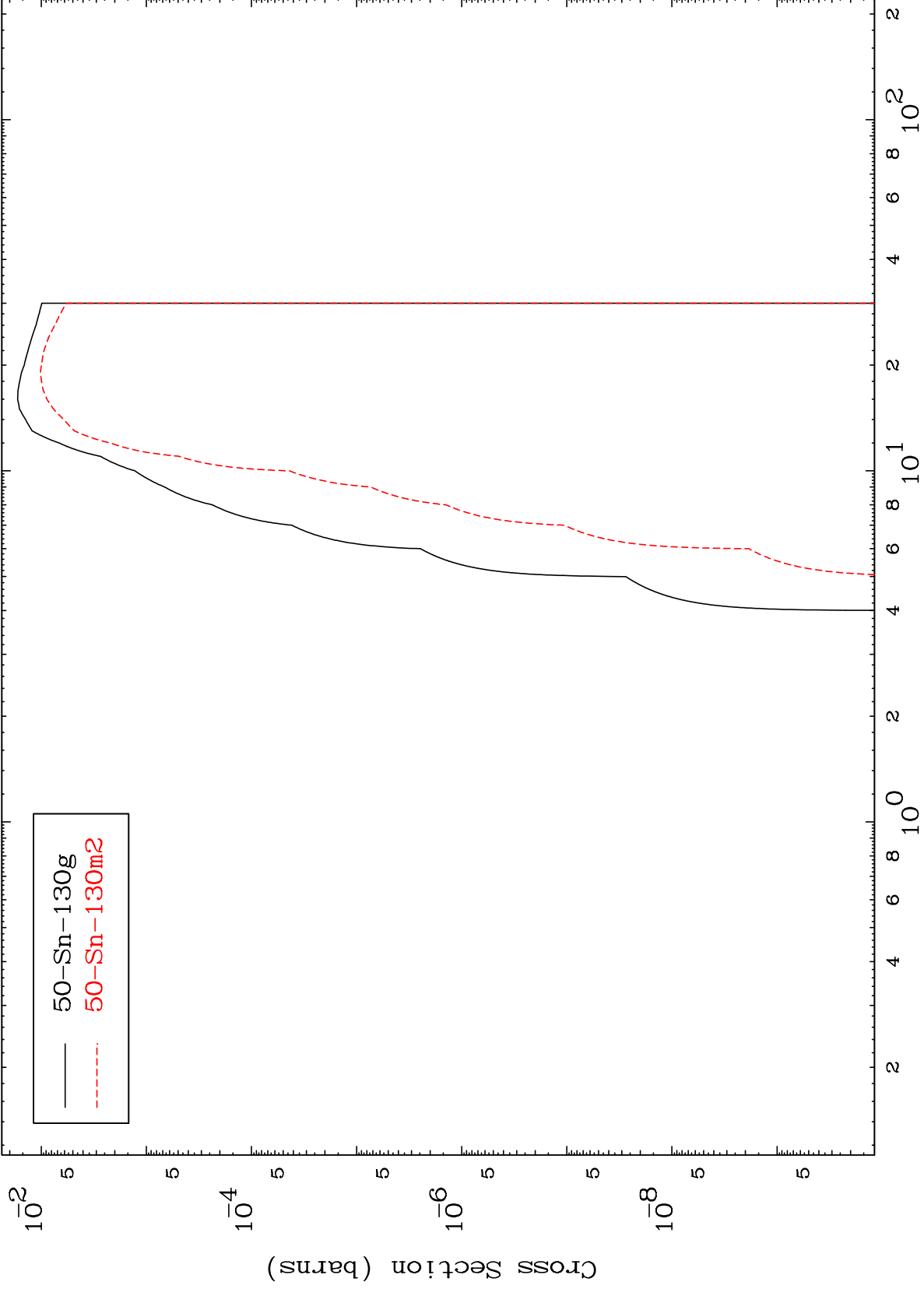
26

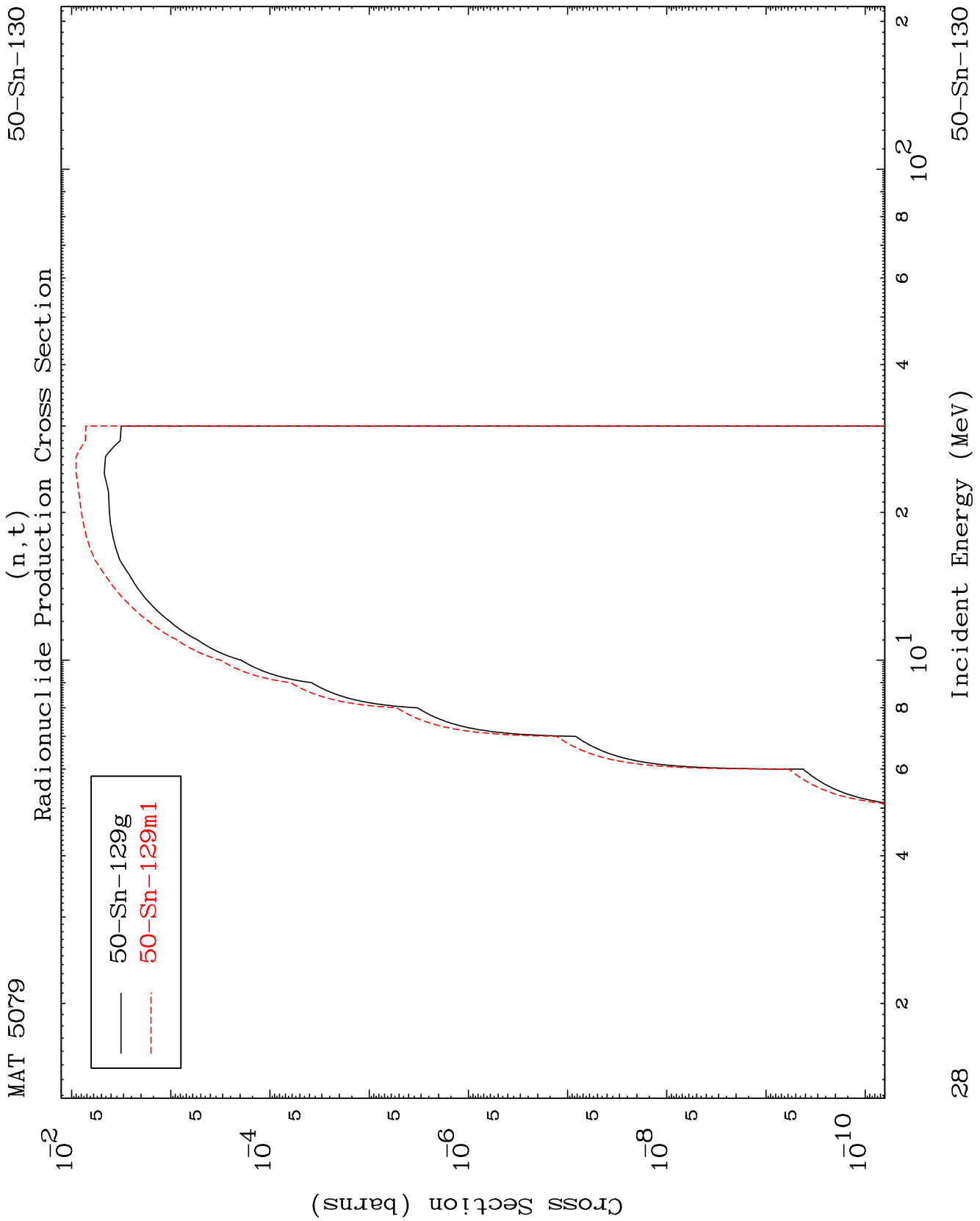
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(n,d)

50-Sn-130

Radionuclide Production Cross Section



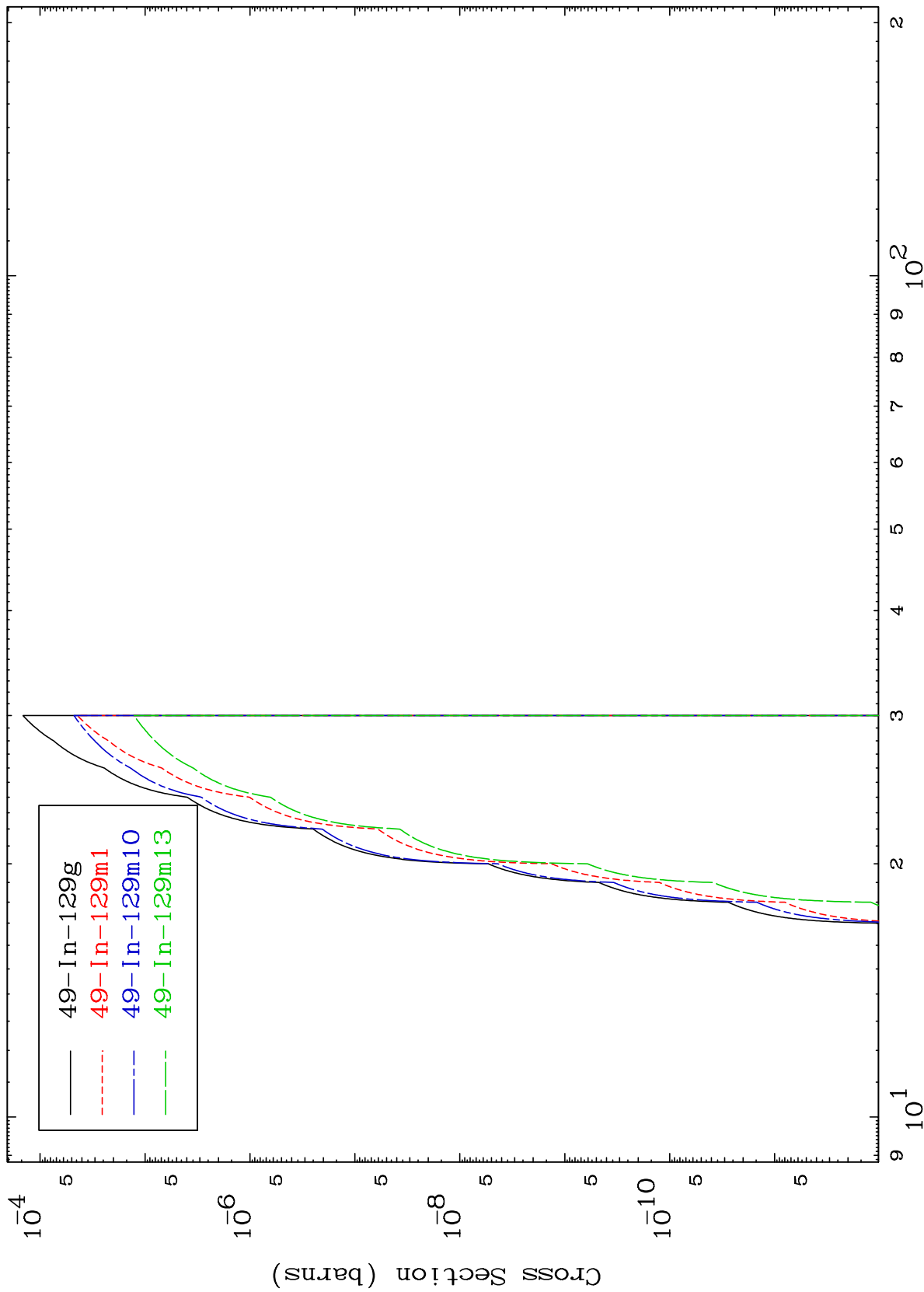


MAT 5079

50-Sn-130

50-Sn-130

Radionuclide Production Cross Section
(n,He-3)



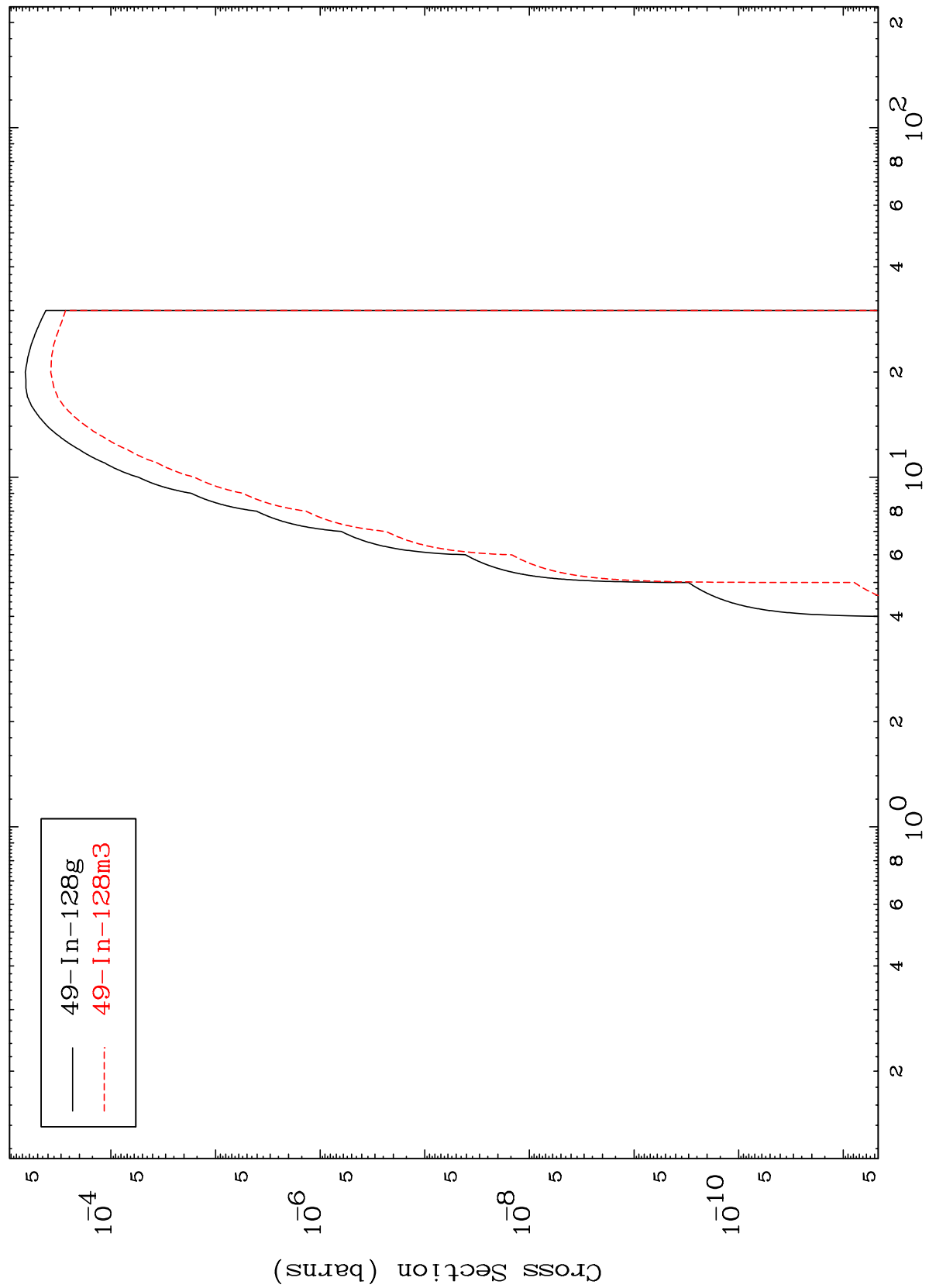
Incident Energy (MeV)

29

MAT 5079

50-Sn-130

Radionuclide Production Cross Section
(n, α)



30

50-Sn-130

Incident Energy (MeV)

Radionuclide Production Cross Section
(n,2p)

