

Program EVALPLOT
(Version 2021-1)

by

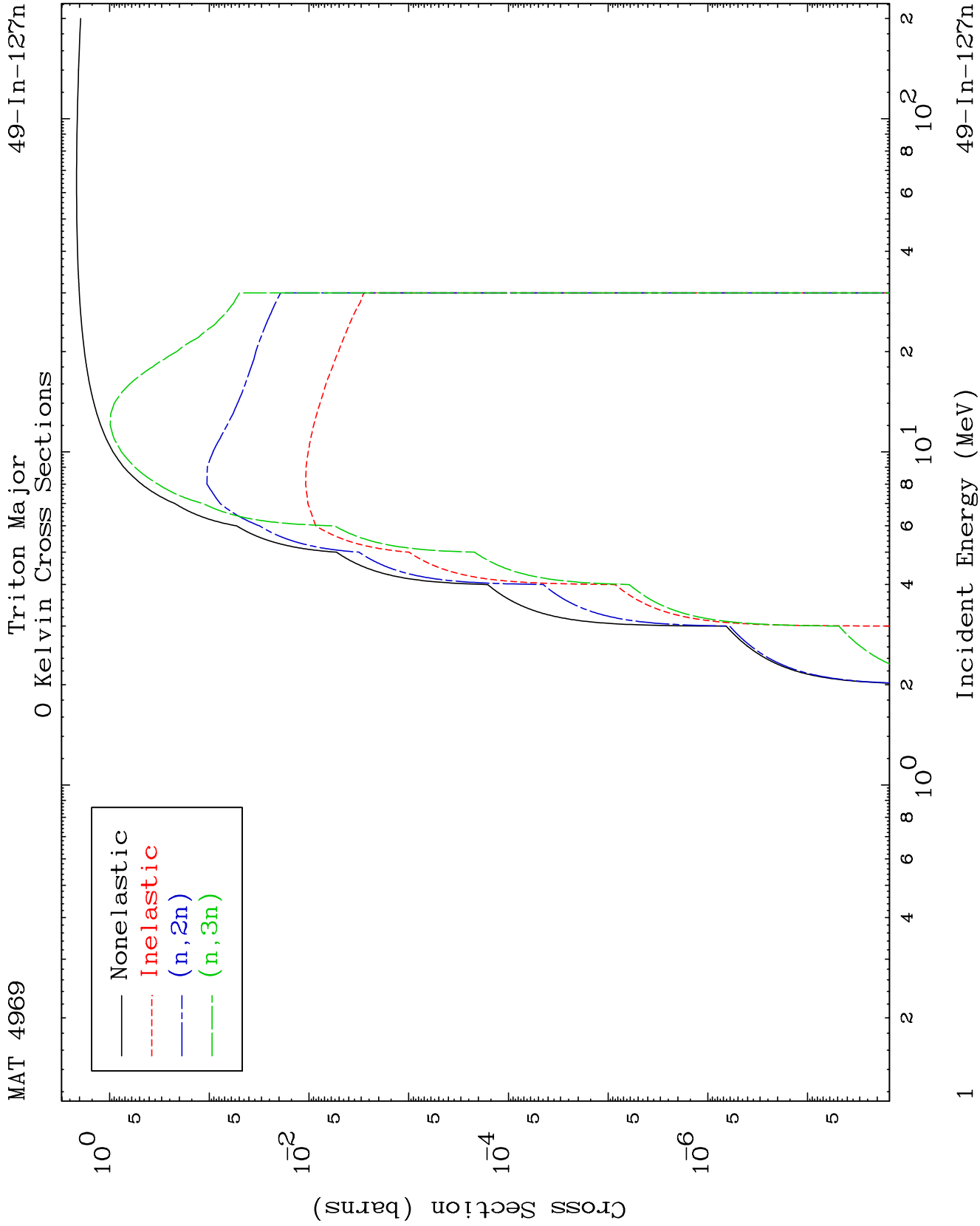
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

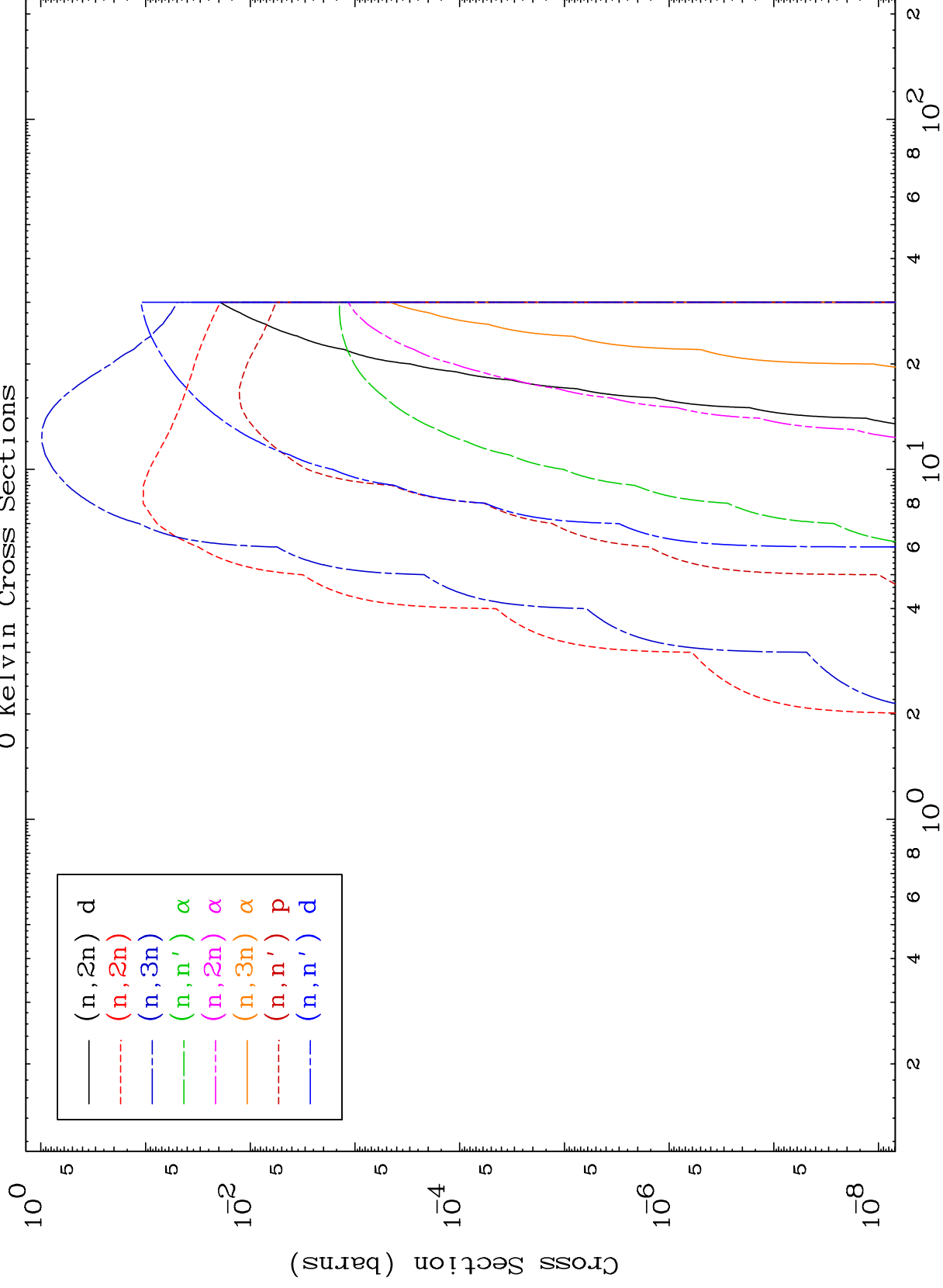
Press Mouse Button to Start



MAT 4969

Triton Neutron Absorption
0 Kelvin Cross Sections

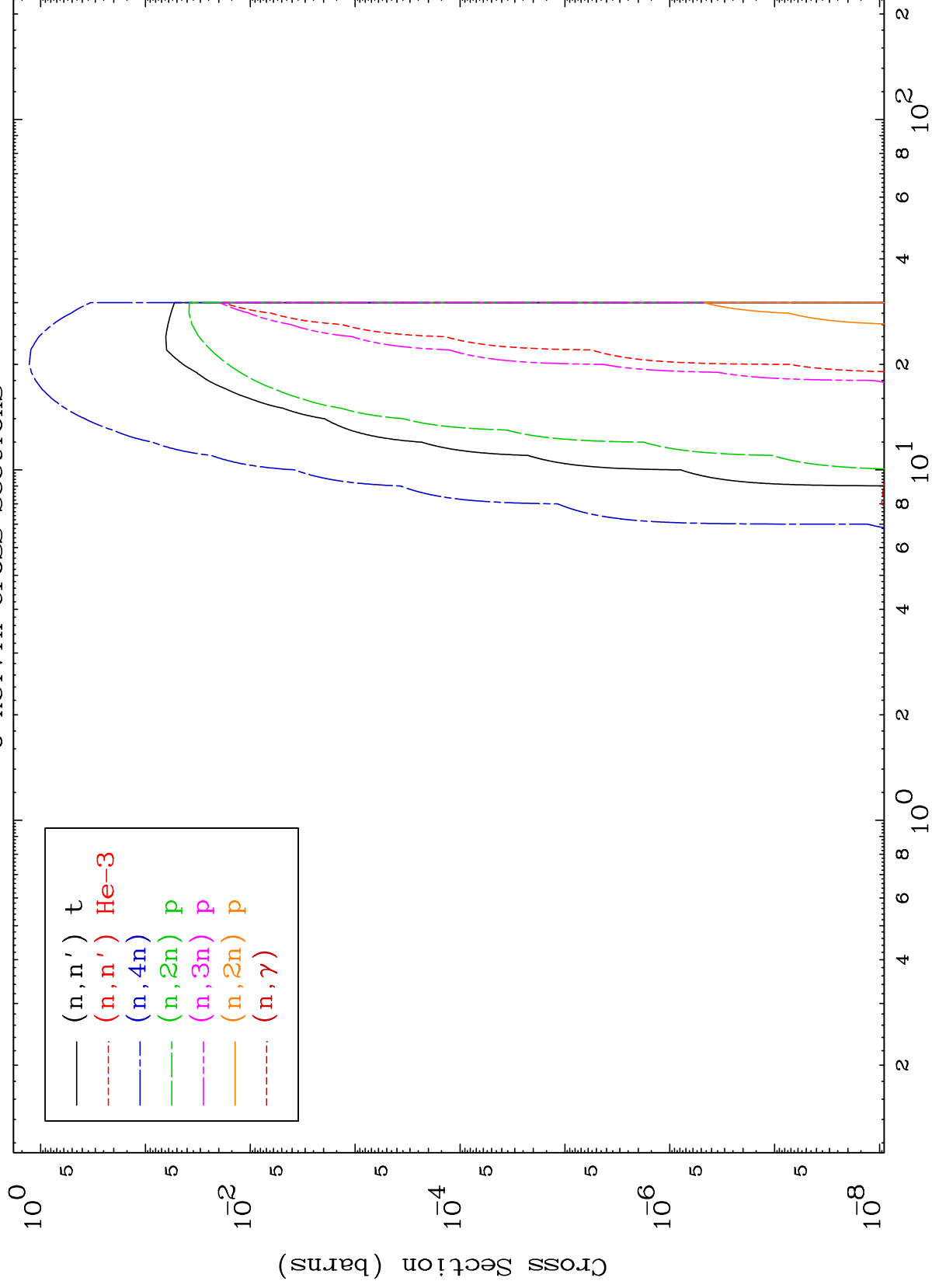
$^{49}\text{In}-^{127}\text{n}$

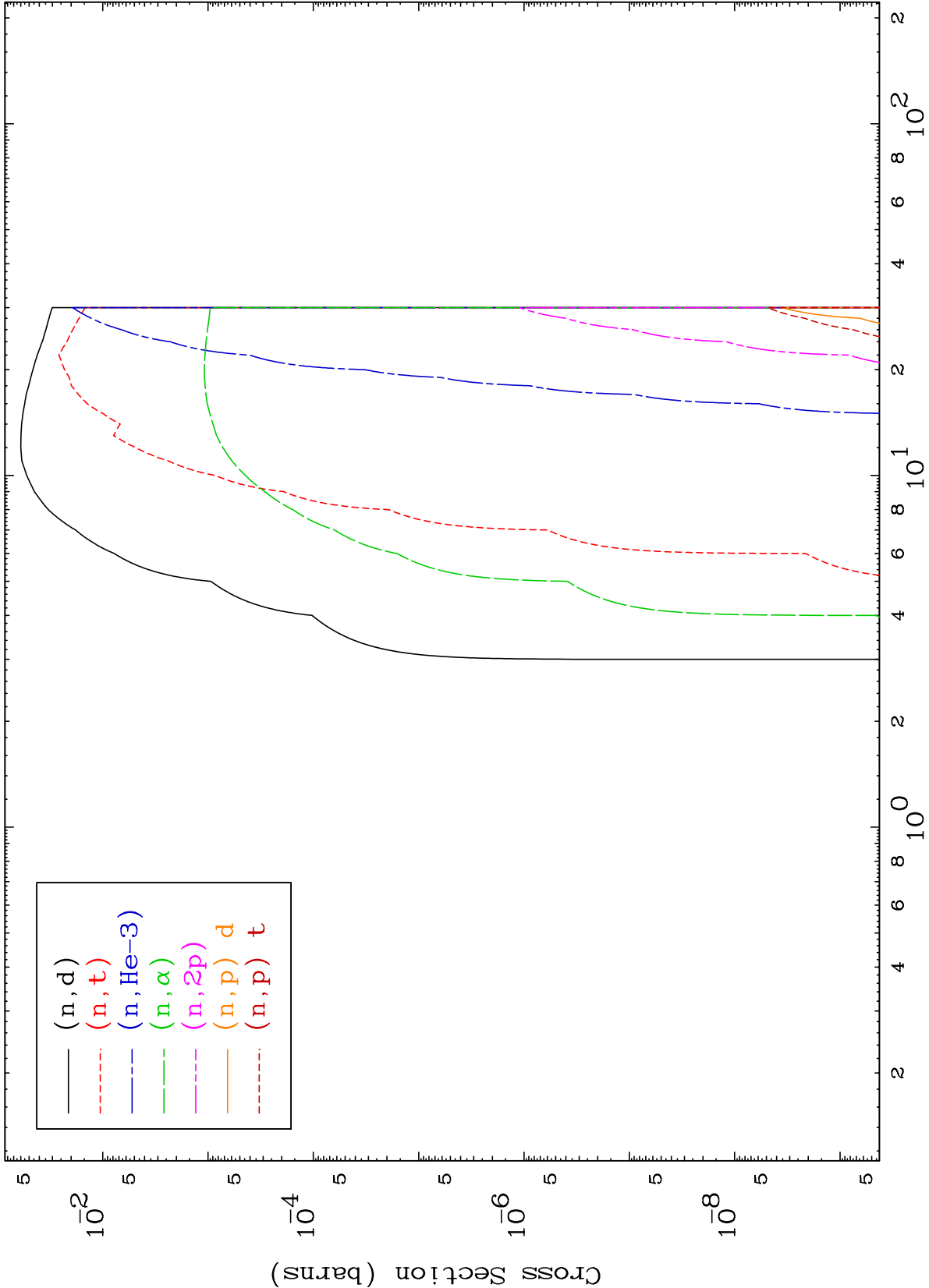


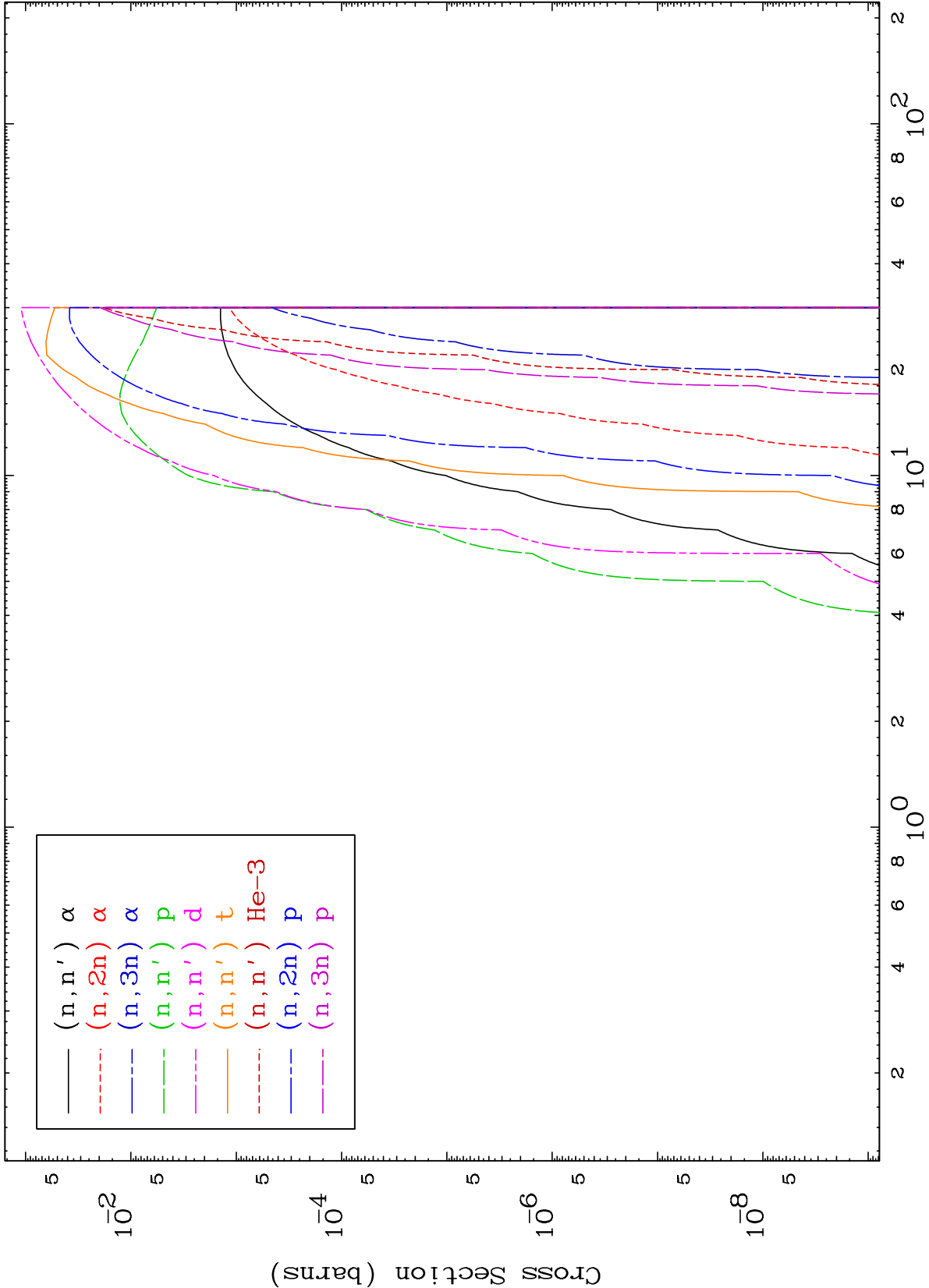
MAT 4969

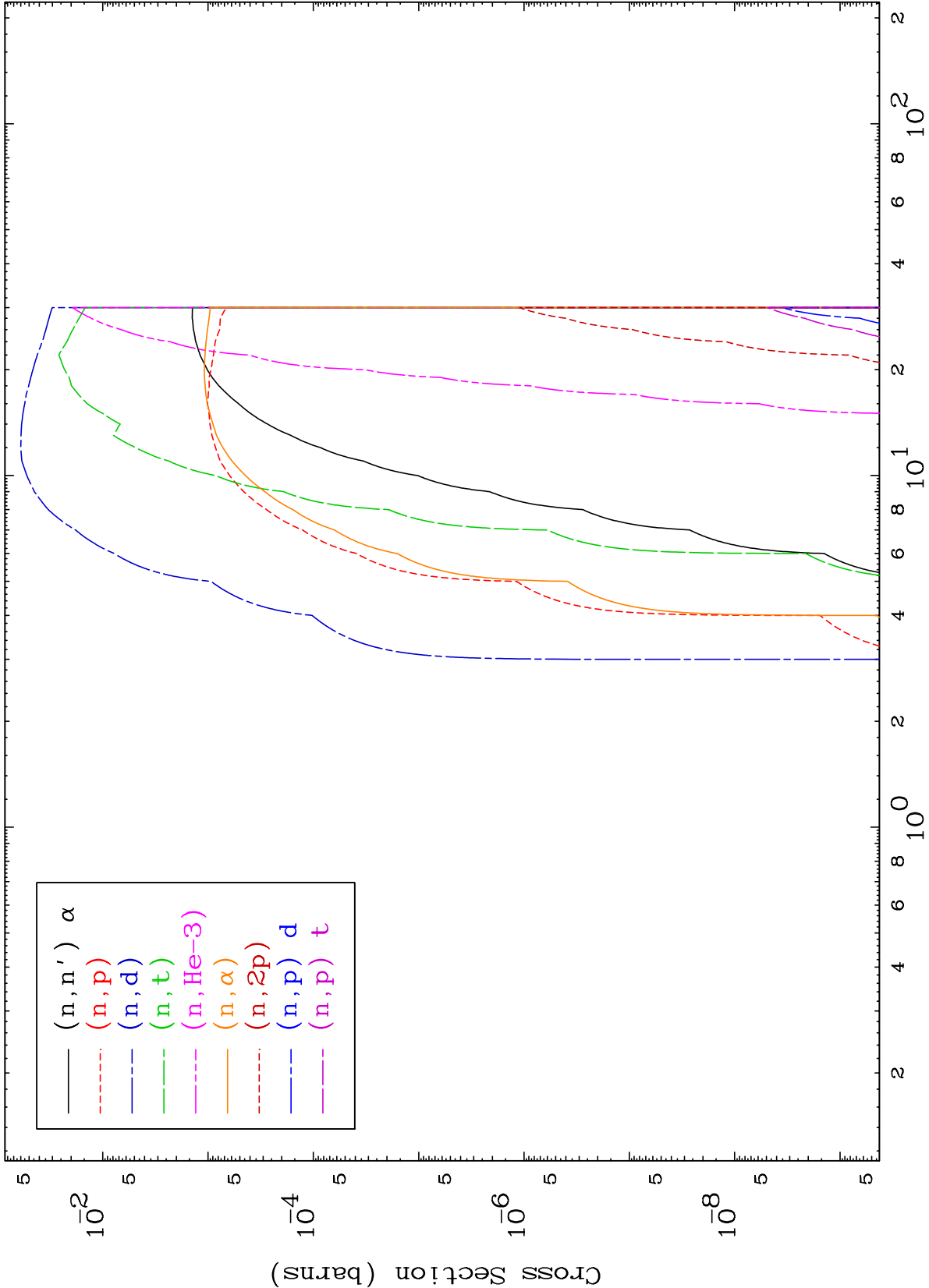
Triton Neutron Absorption
0 Kelvin Cross Sections

49-In-127n





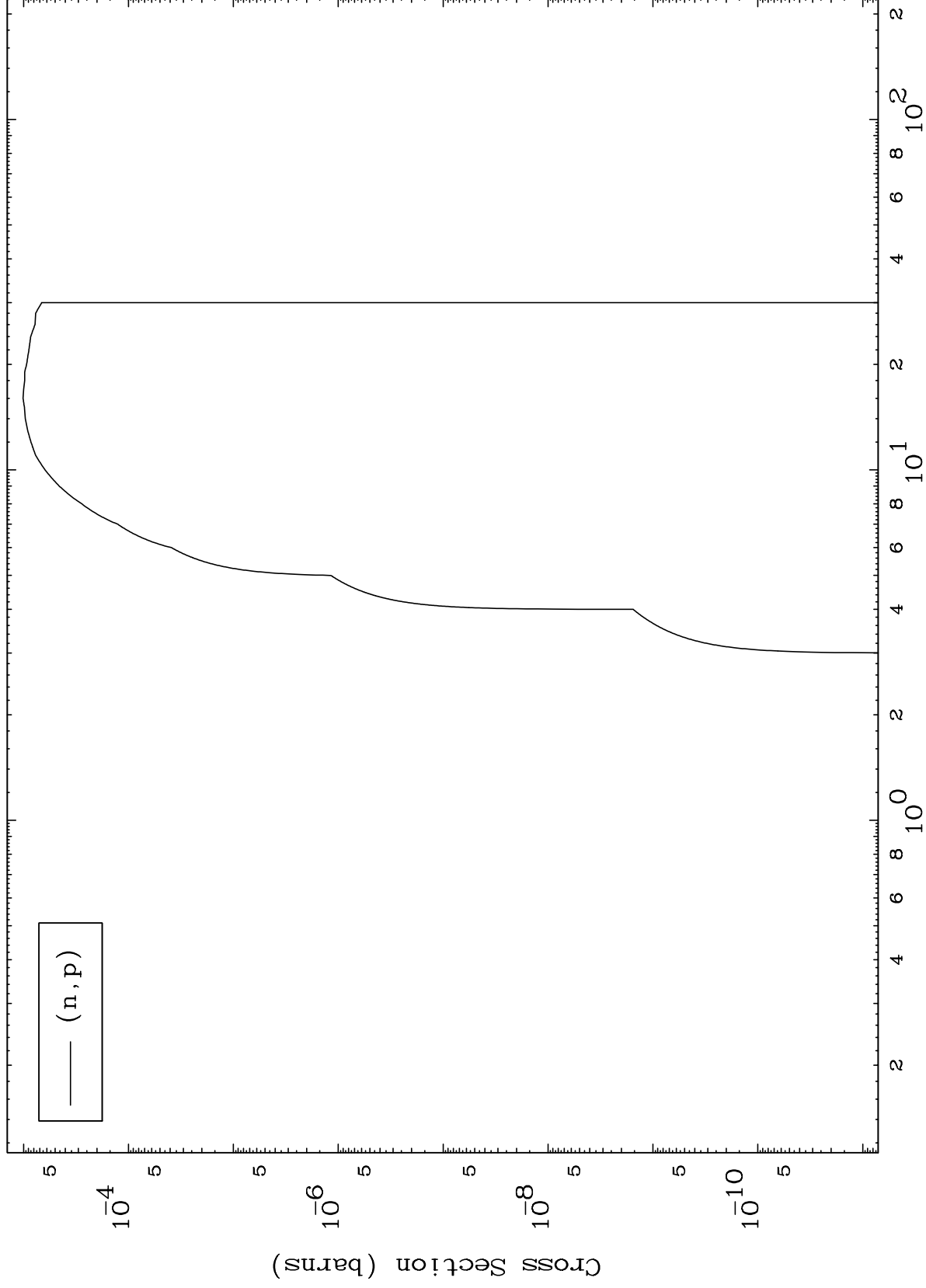




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49-In-127n

(t,p) Levels
0 Kelvin Cross Sections



7

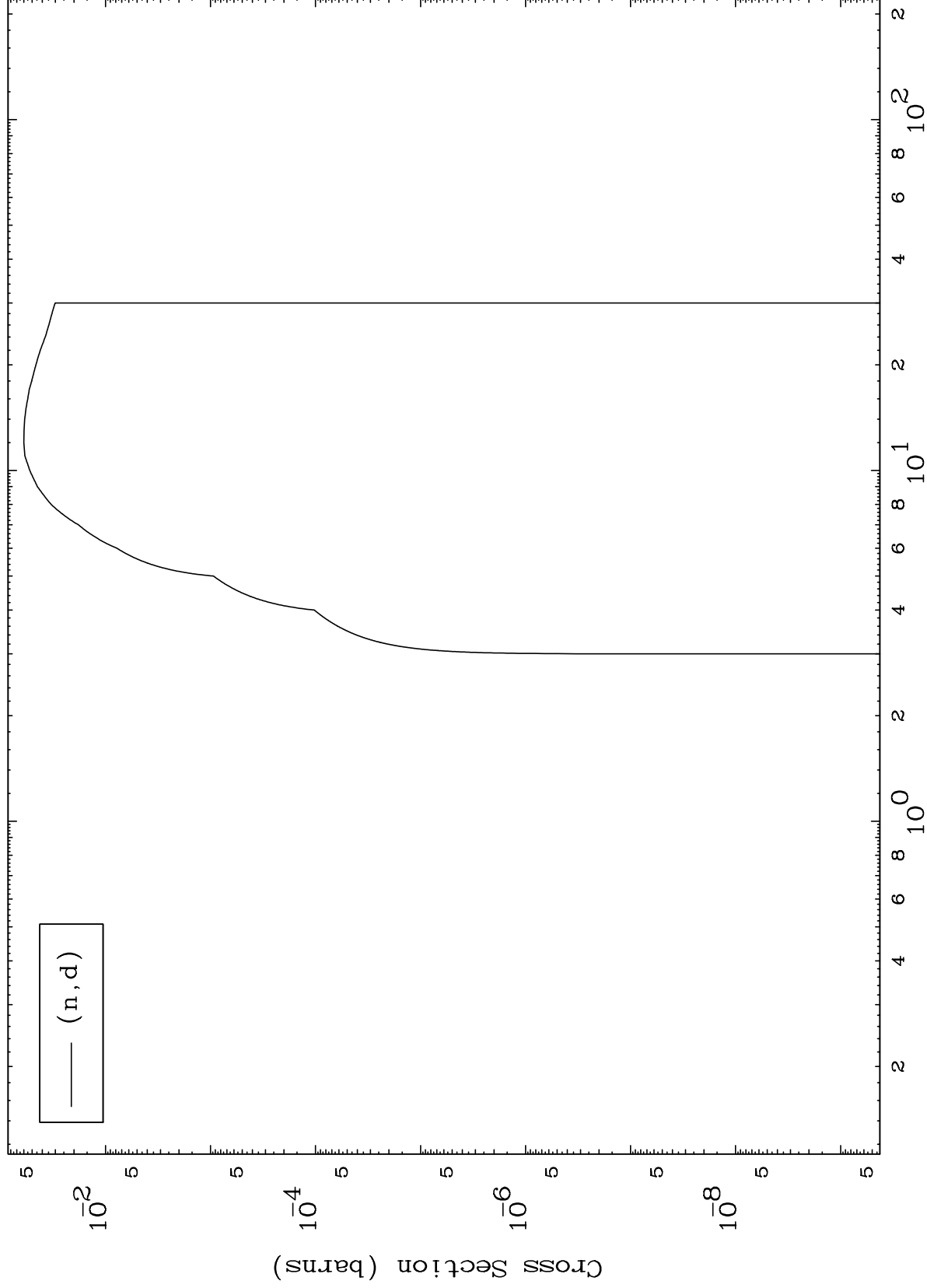
Incident Energy (MeV)

49-In-127n

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49-In-127n

(t,d) Levels
0 Kelvin Cross Sections



8

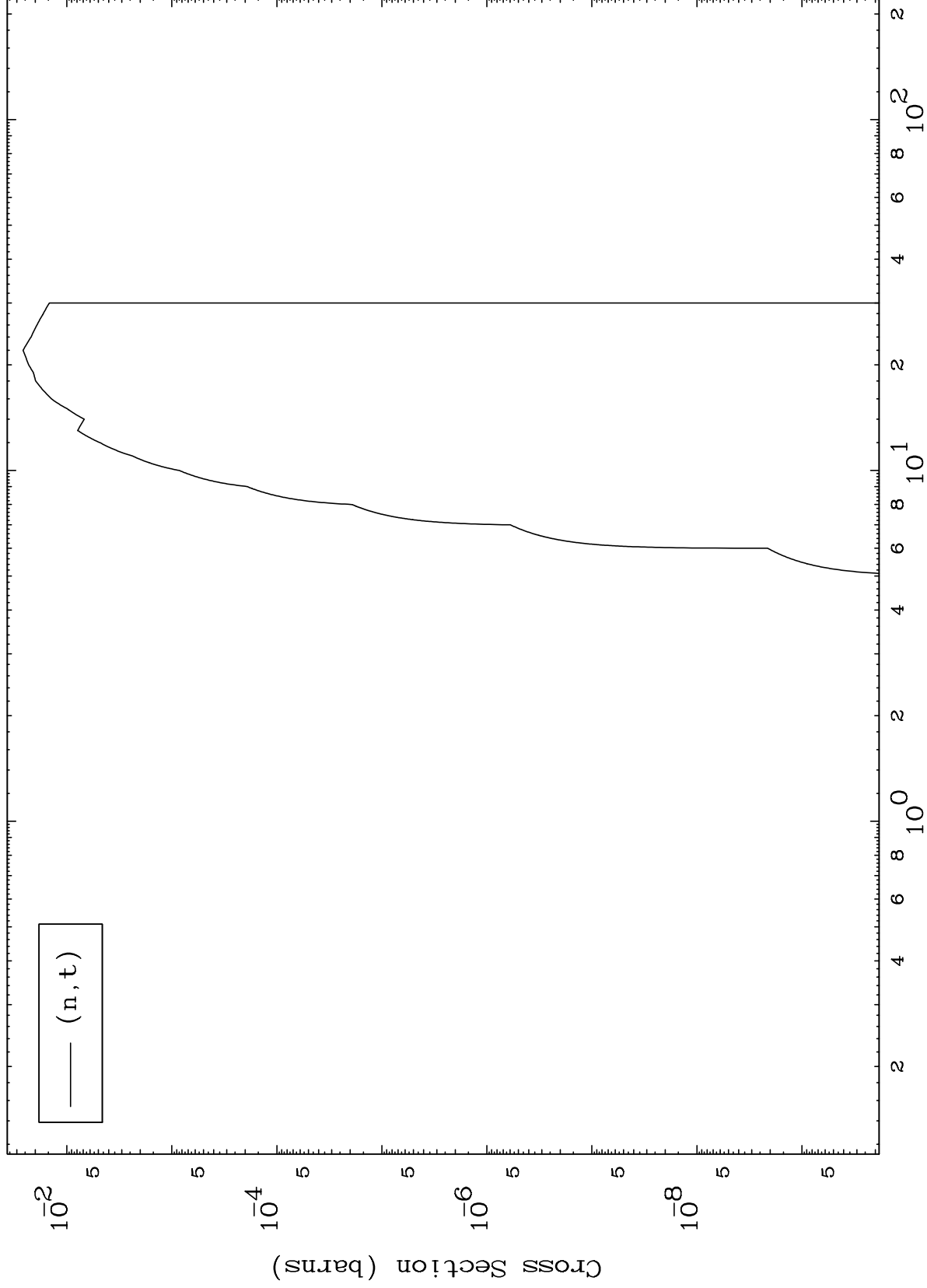
Incident Energy (MeV)

49-In-127n

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49-In-127n

(t,t) Levels
0 Kelvin Cross Sections

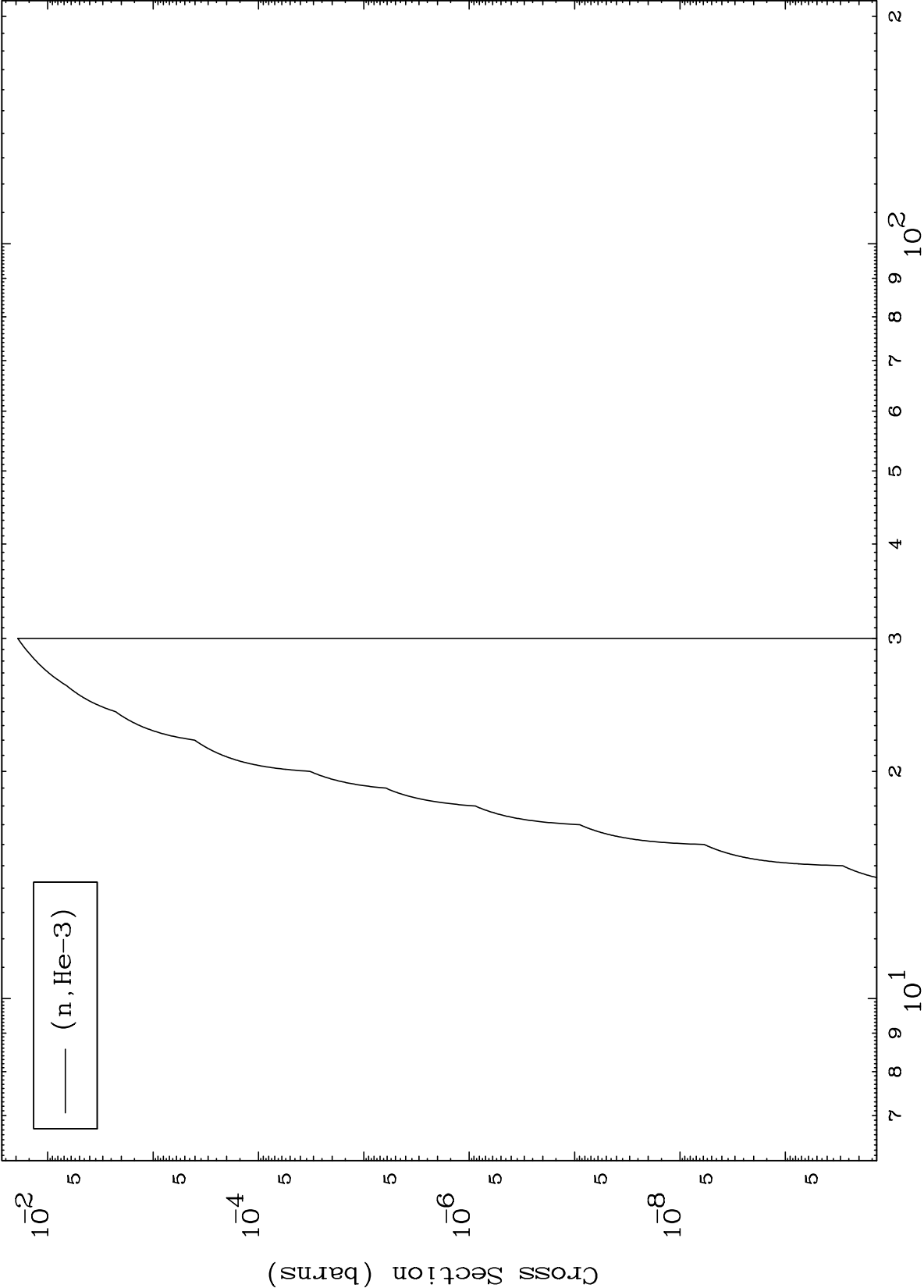


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(t,He3) Levels

49-In-127n

0 Kelvin Cross Sections



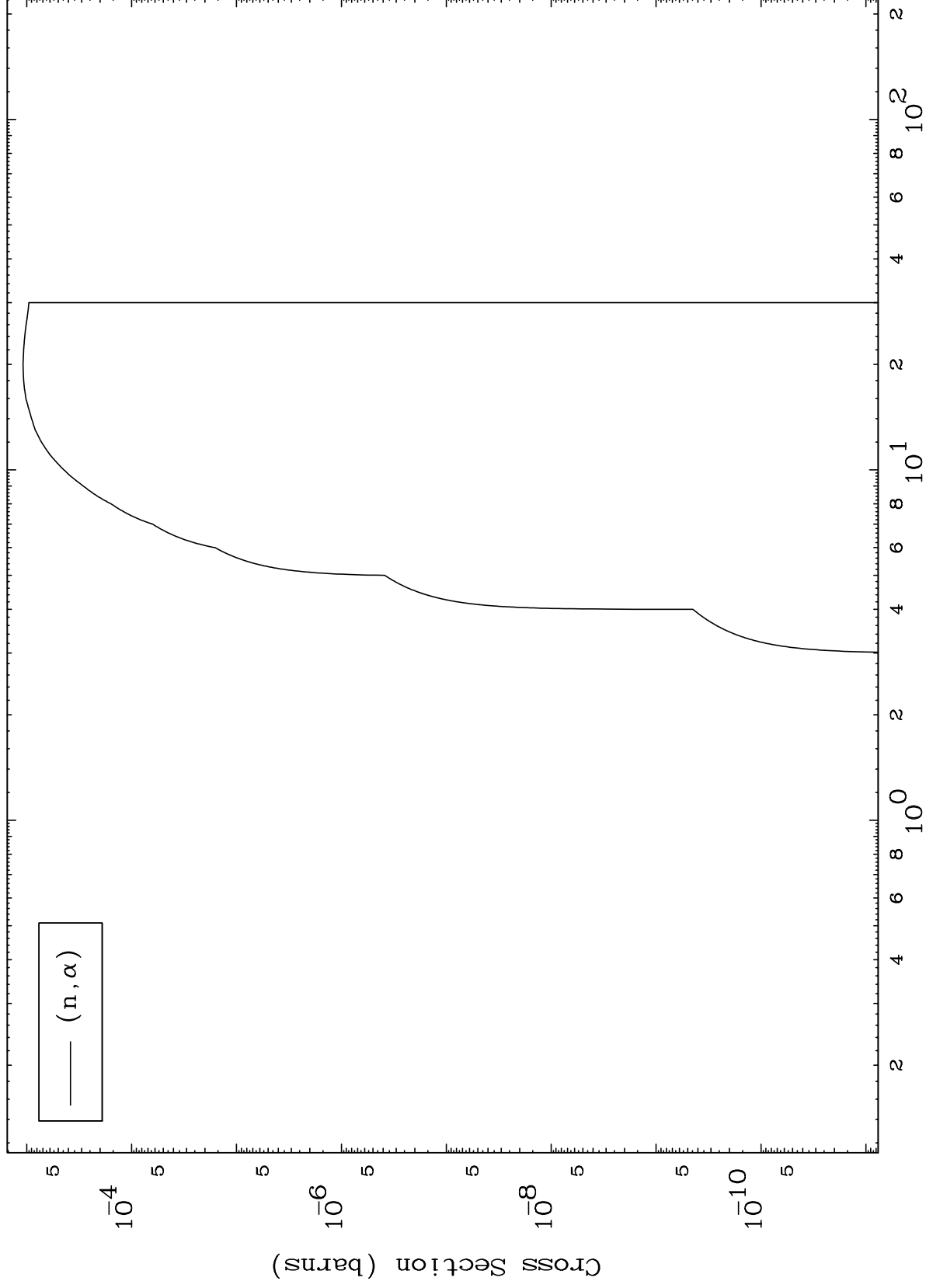
Incident Energy (MeV)

49-In-127n

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49-In-127n

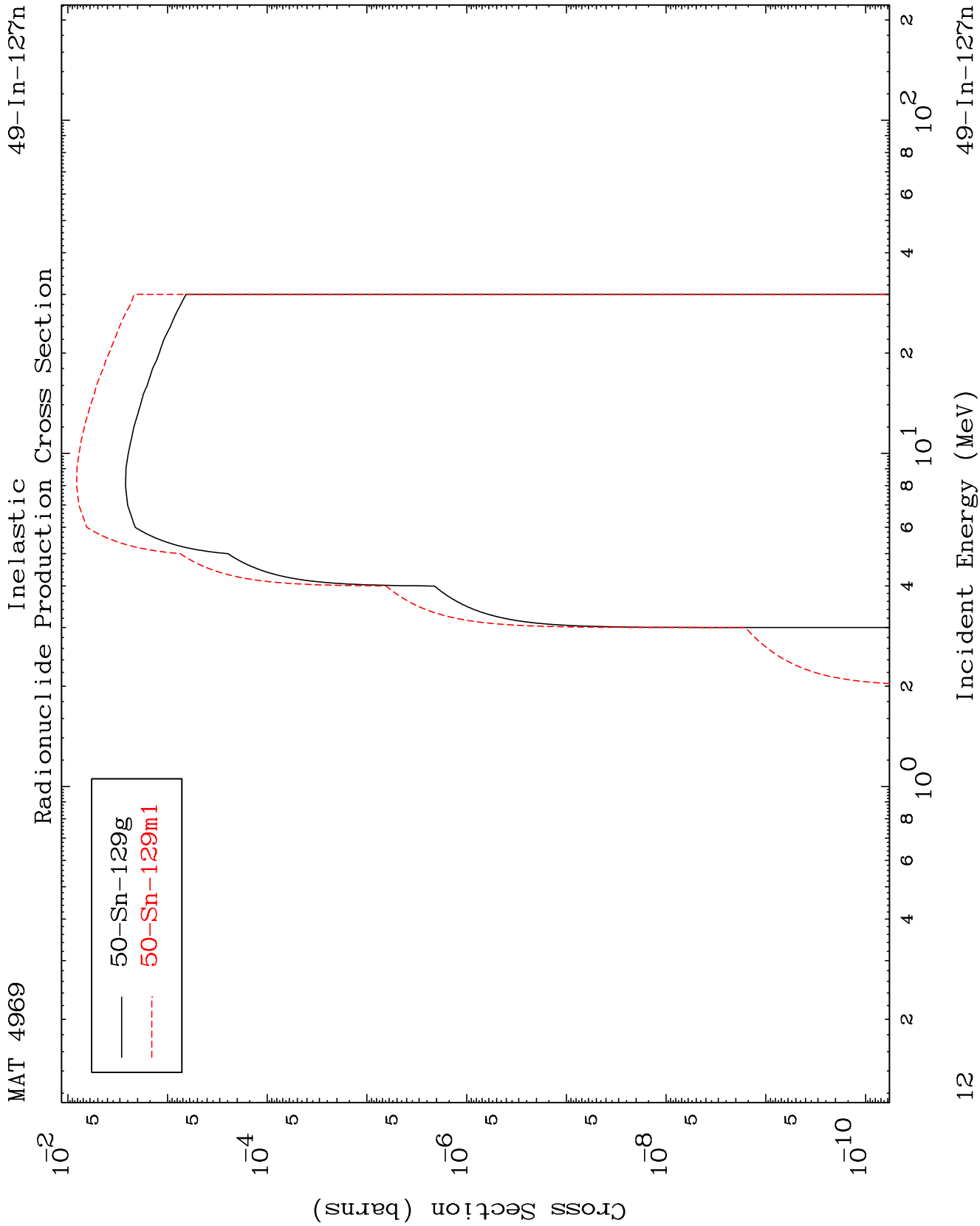
(t, α) Levels
0 Kelvin Cross Sections

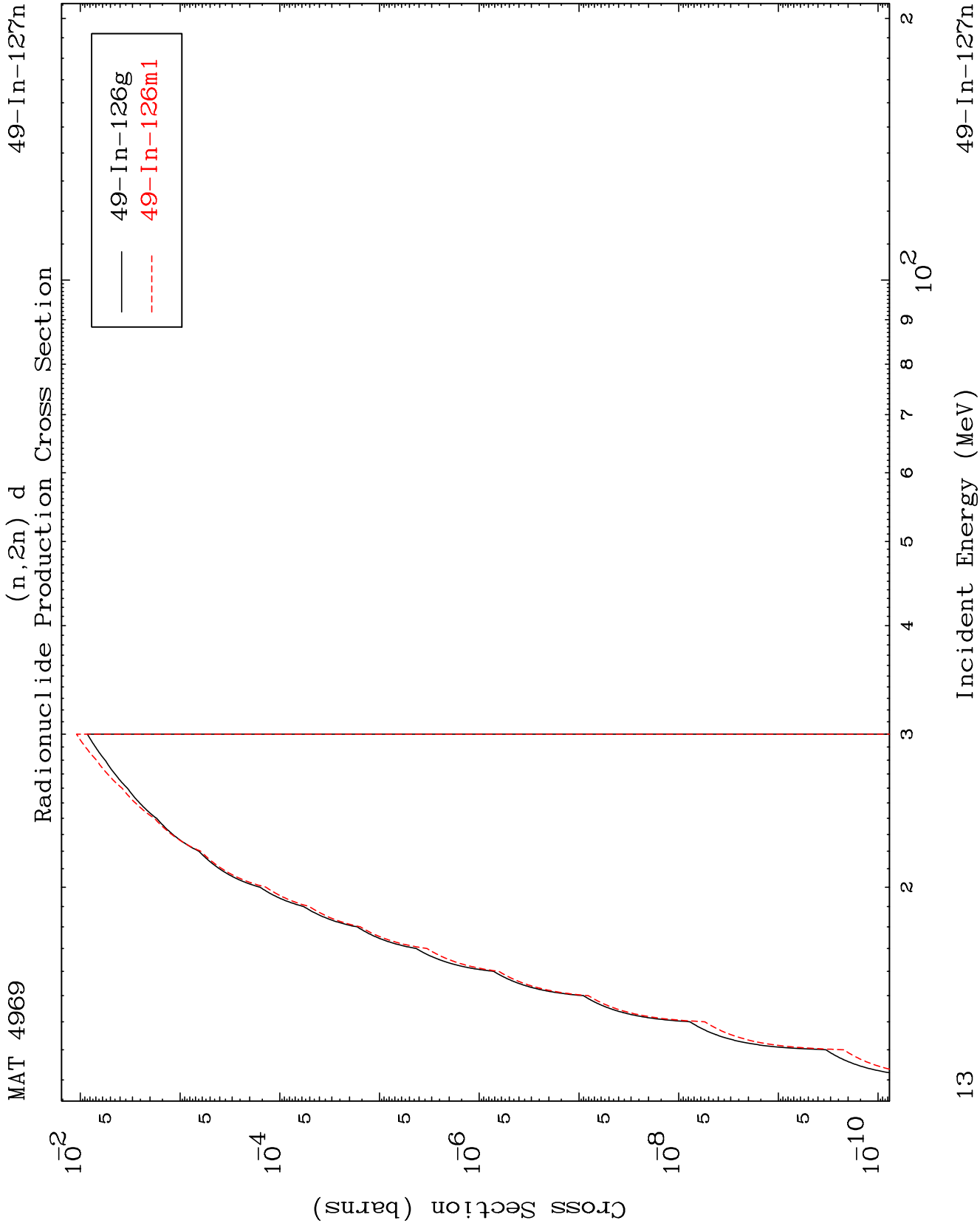


11

Incident Energy (MeV)

49-In-127n

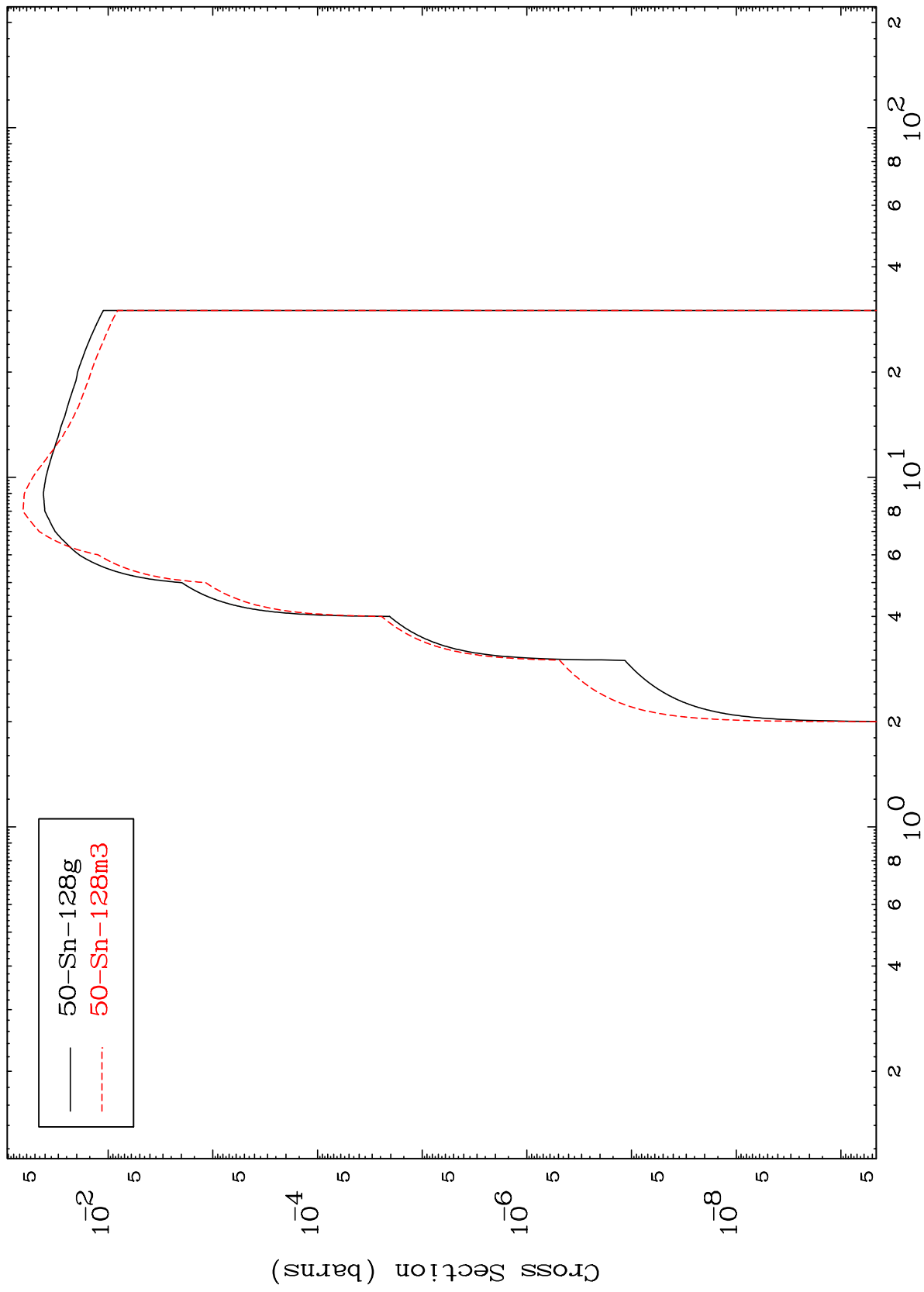




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49-In-127n

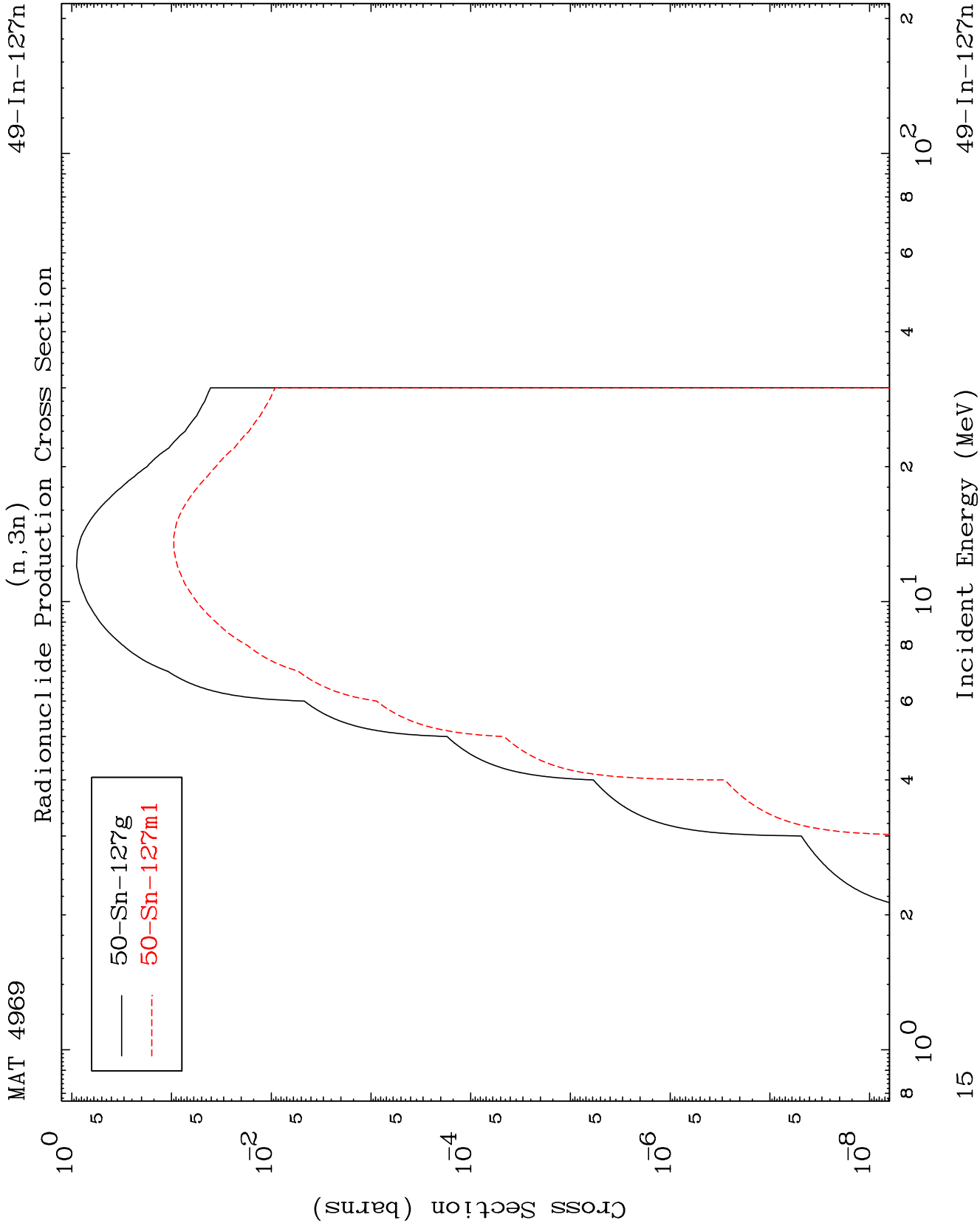
(n,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

49-In-127n

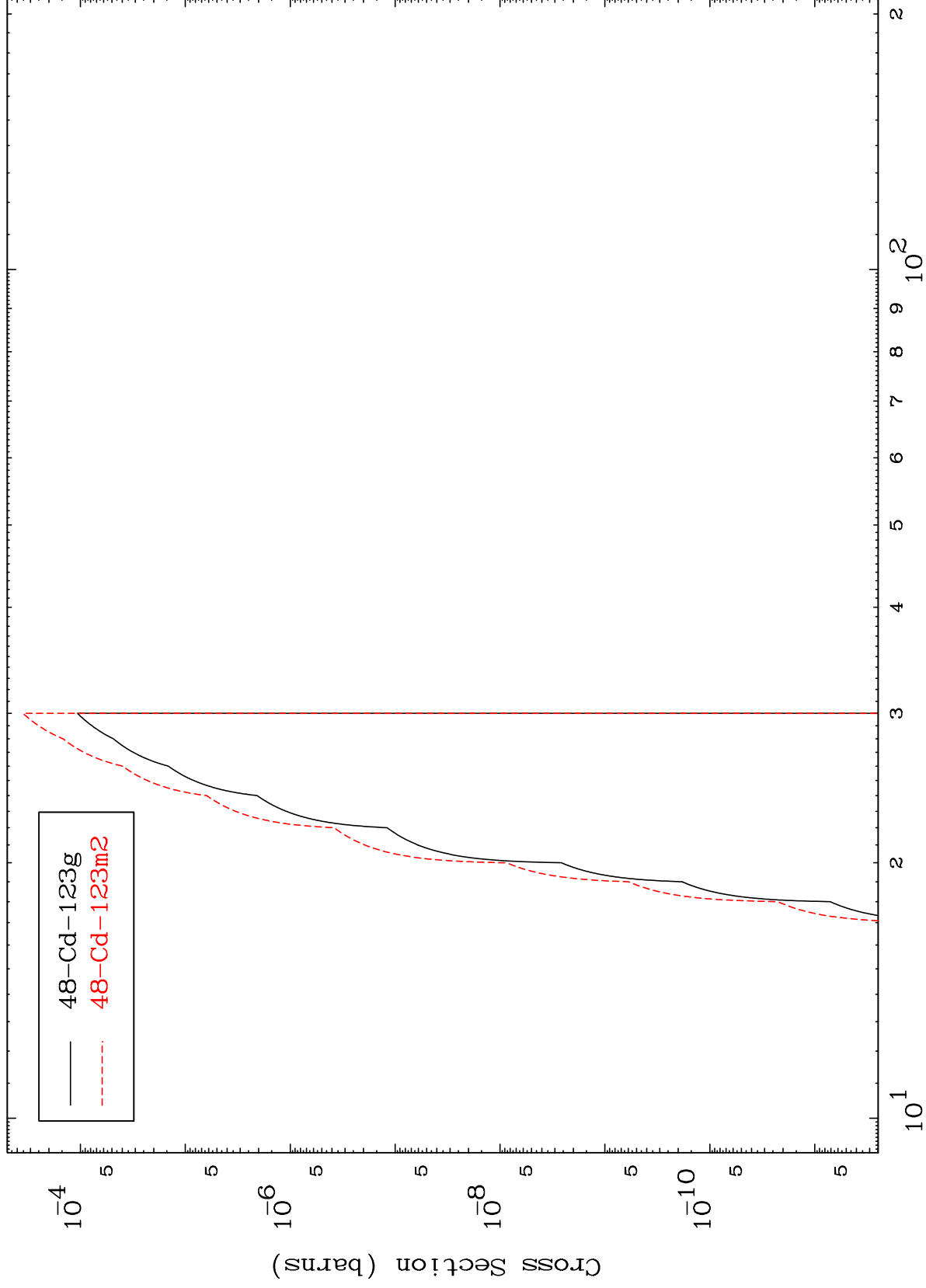


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(n,3n) α

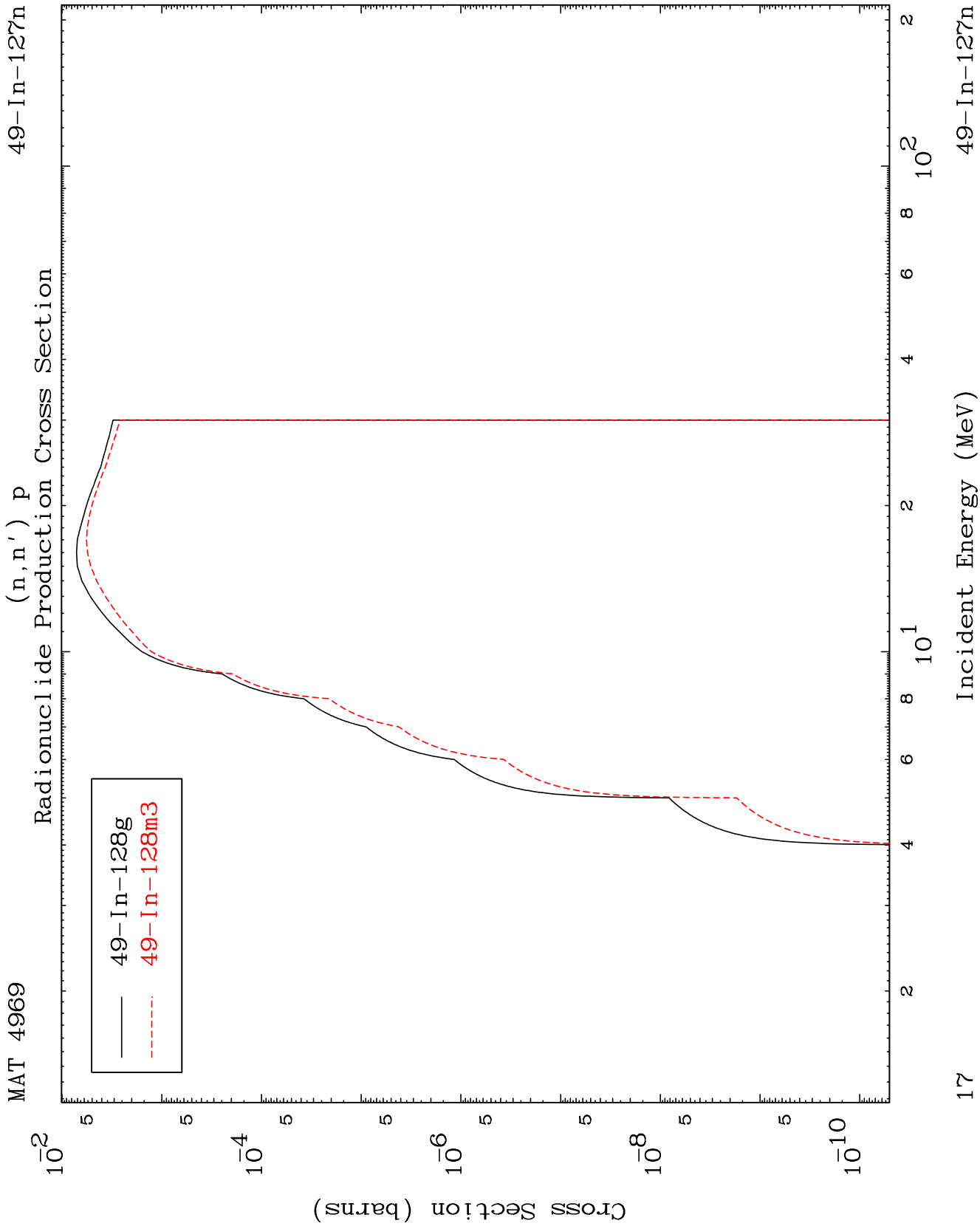
49-In-127n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-127n

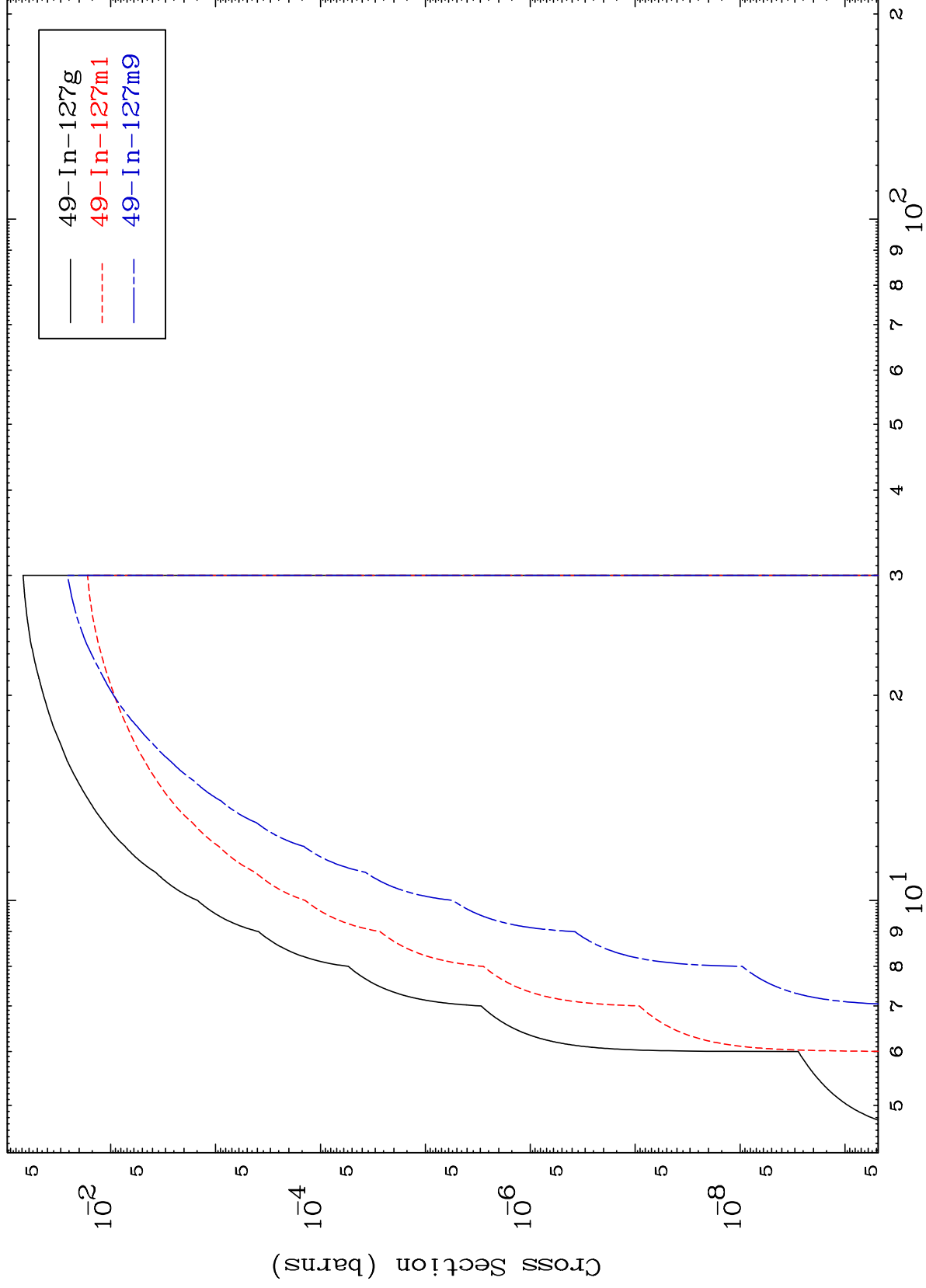


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(n,n') d

49-In-127n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

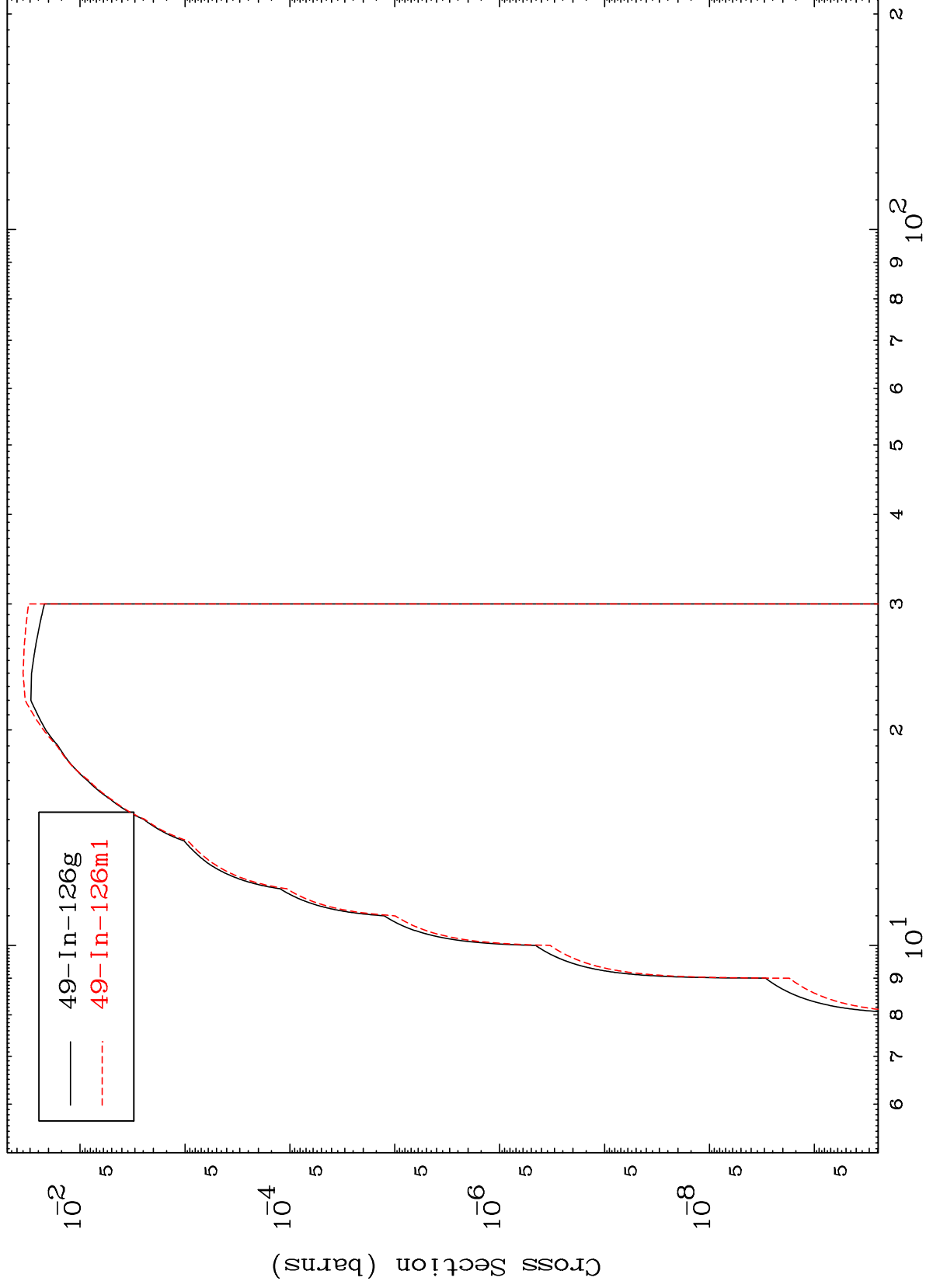
49-In-127n

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(n,n') t

49-In-127n

Radionuclide Production Cross Section



19

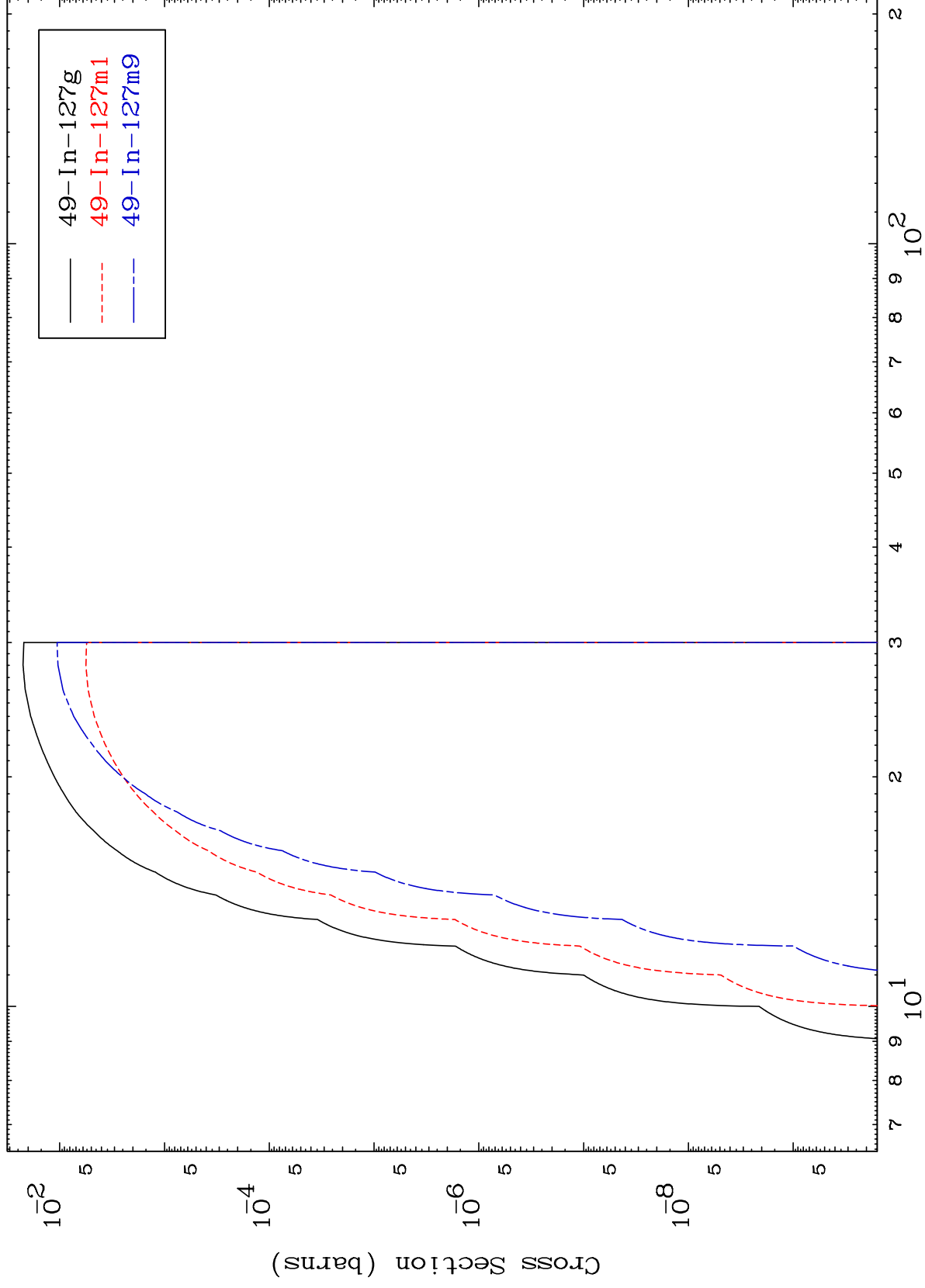
Incident Energy (MeV)

49-In-127n

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(n,2n) p 49-In-127n

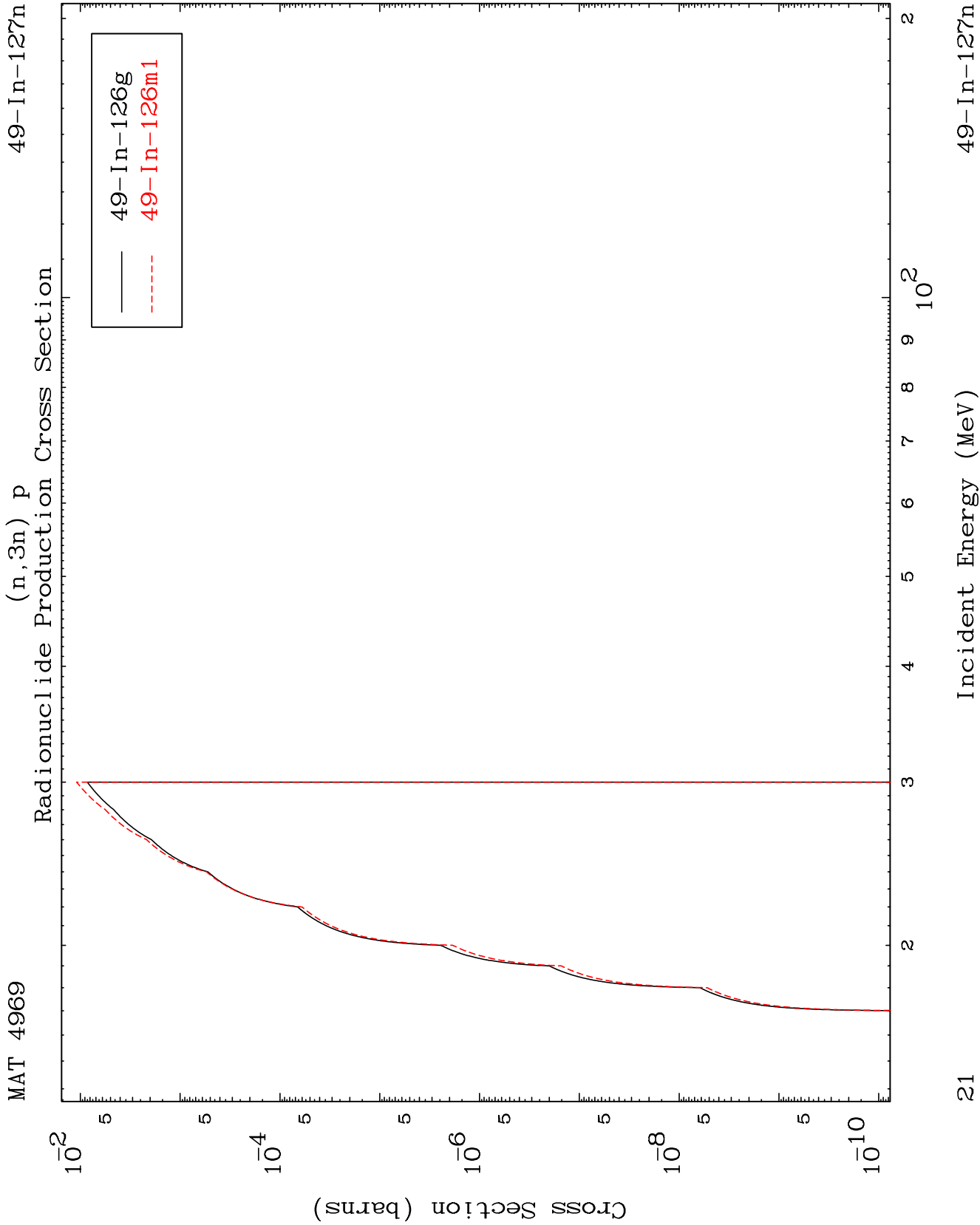
Radionuclide Production Cross Section



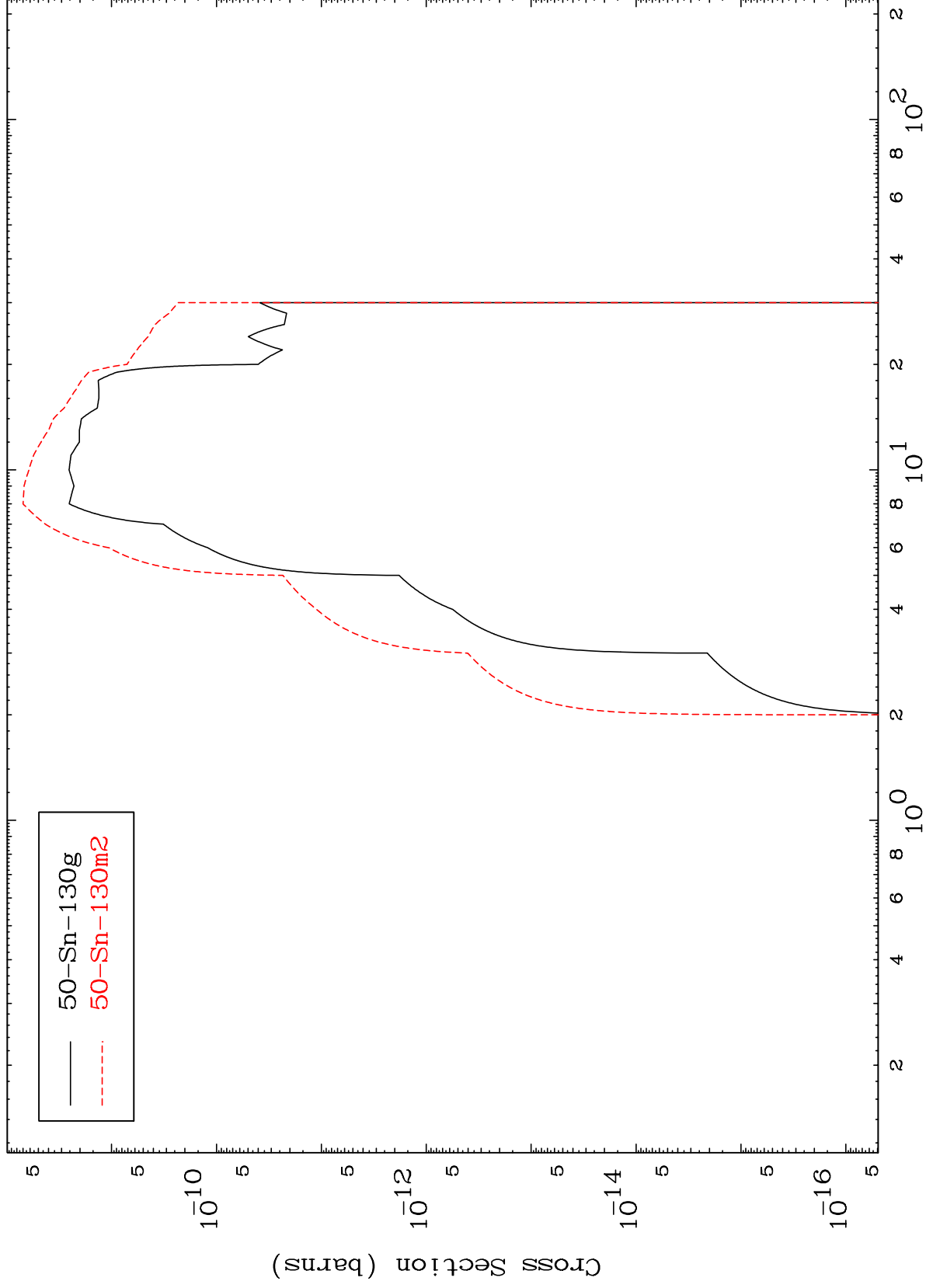
49-In-127n

Incident Energy (MeV)

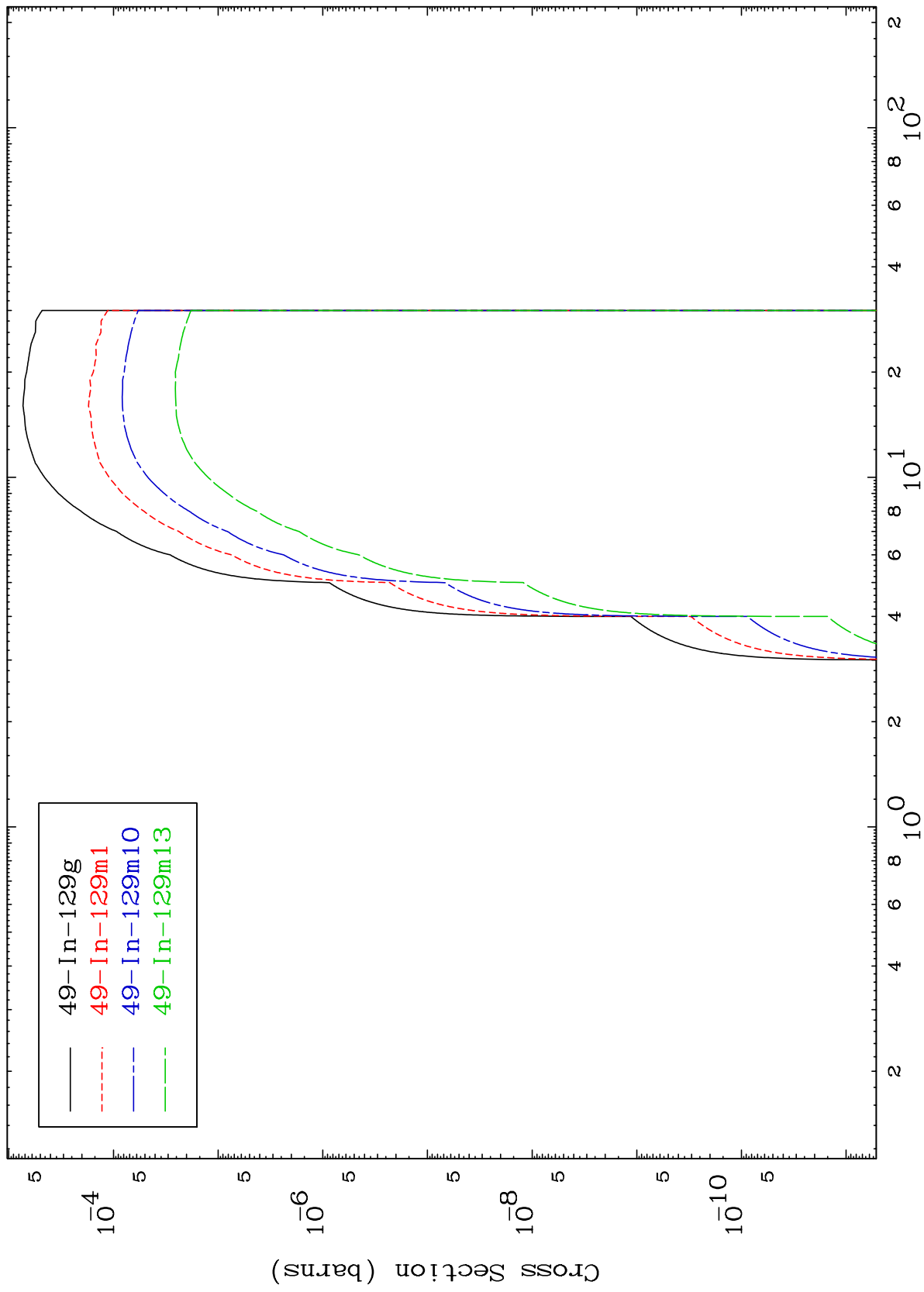
20



Radionuclide Production Cross Section (n, γ)



(n,p)
Radionuclide Production Cross Section

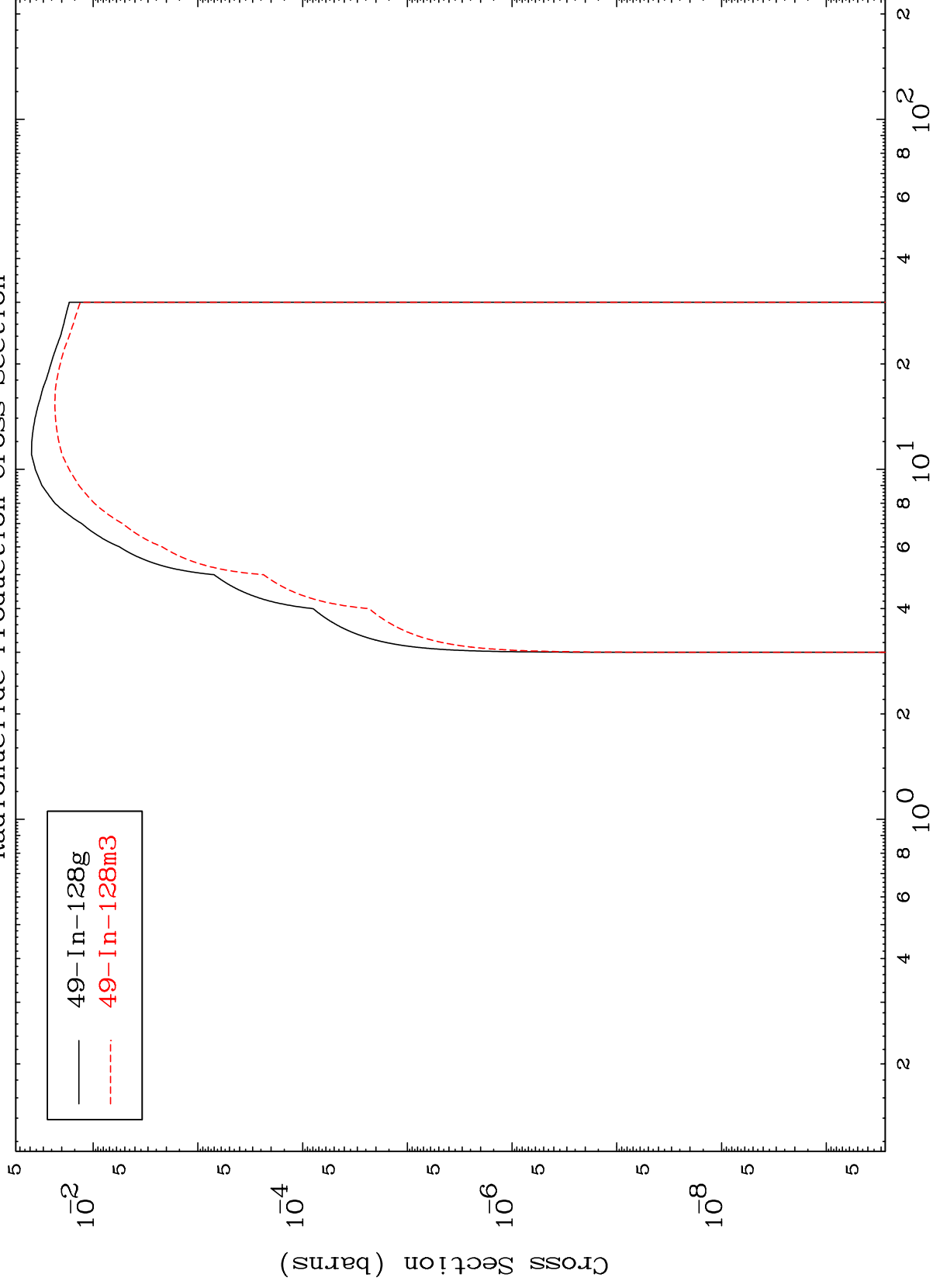


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(n,d)

49-In-127n

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

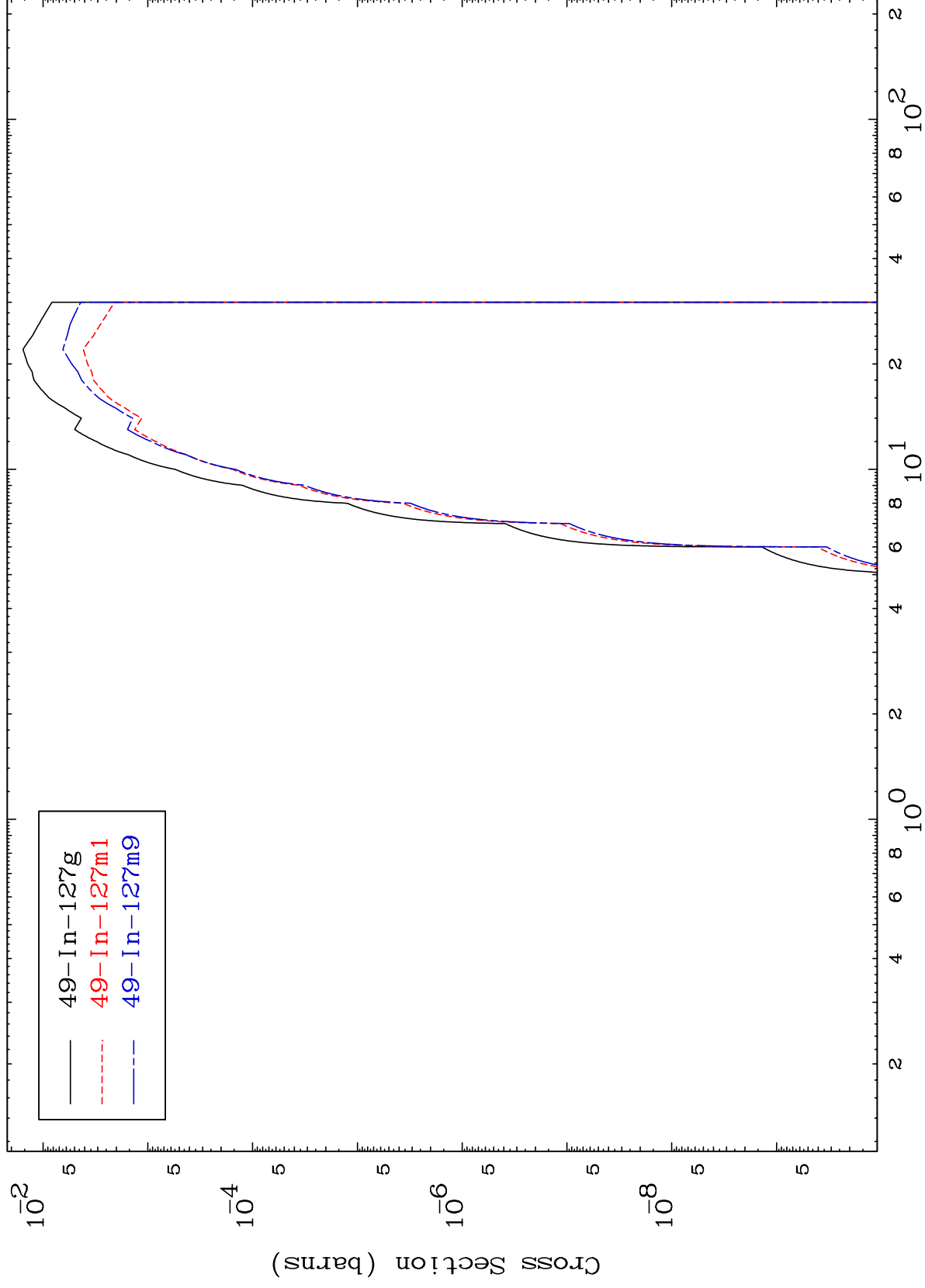
49-In-127n

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(n,t)

49-In-127n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-127n