

Program EVALPLOT
(Version 2021-1)

by

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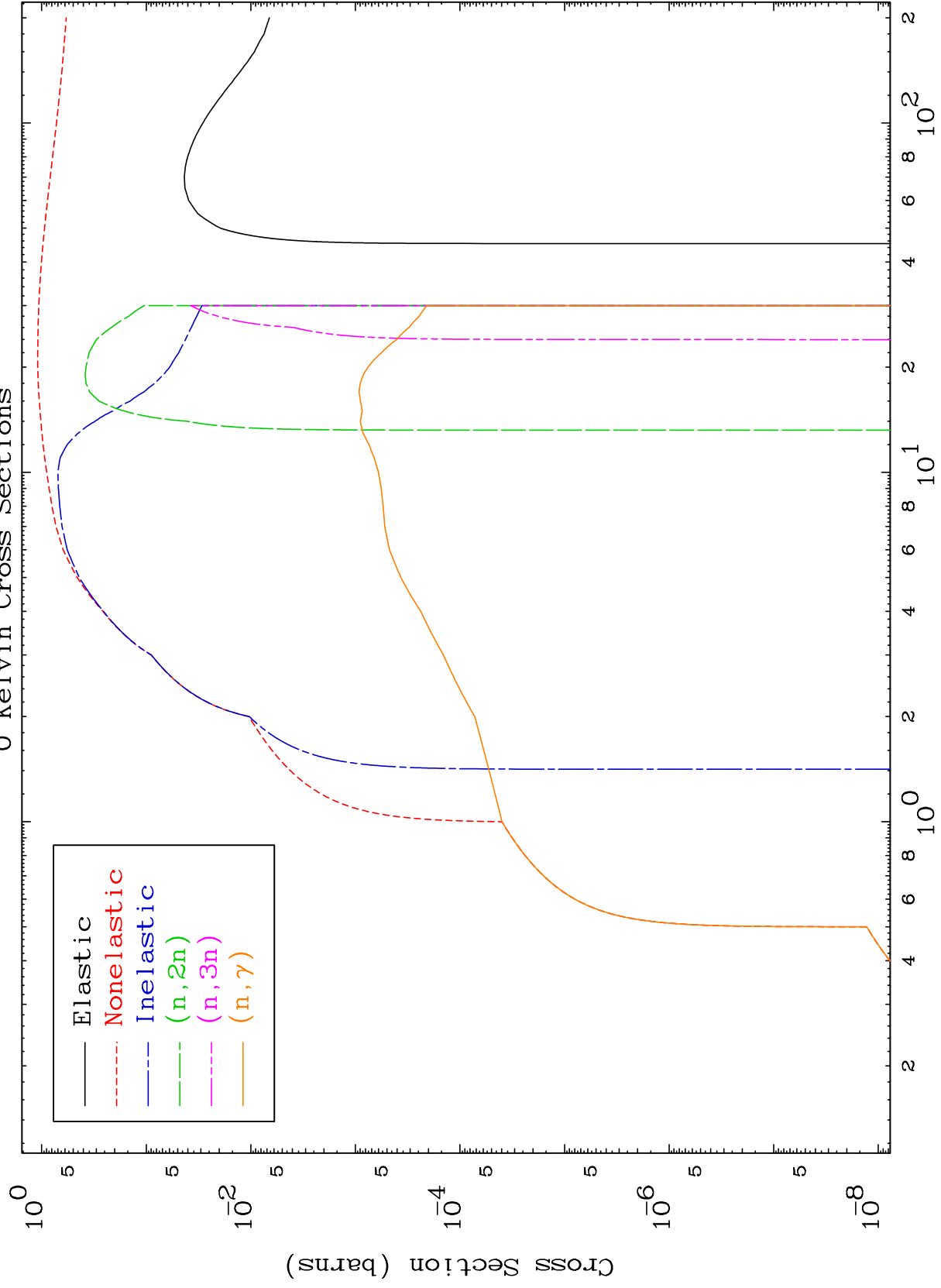
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2234

Proton Major
0 Kelvin Cross Sections

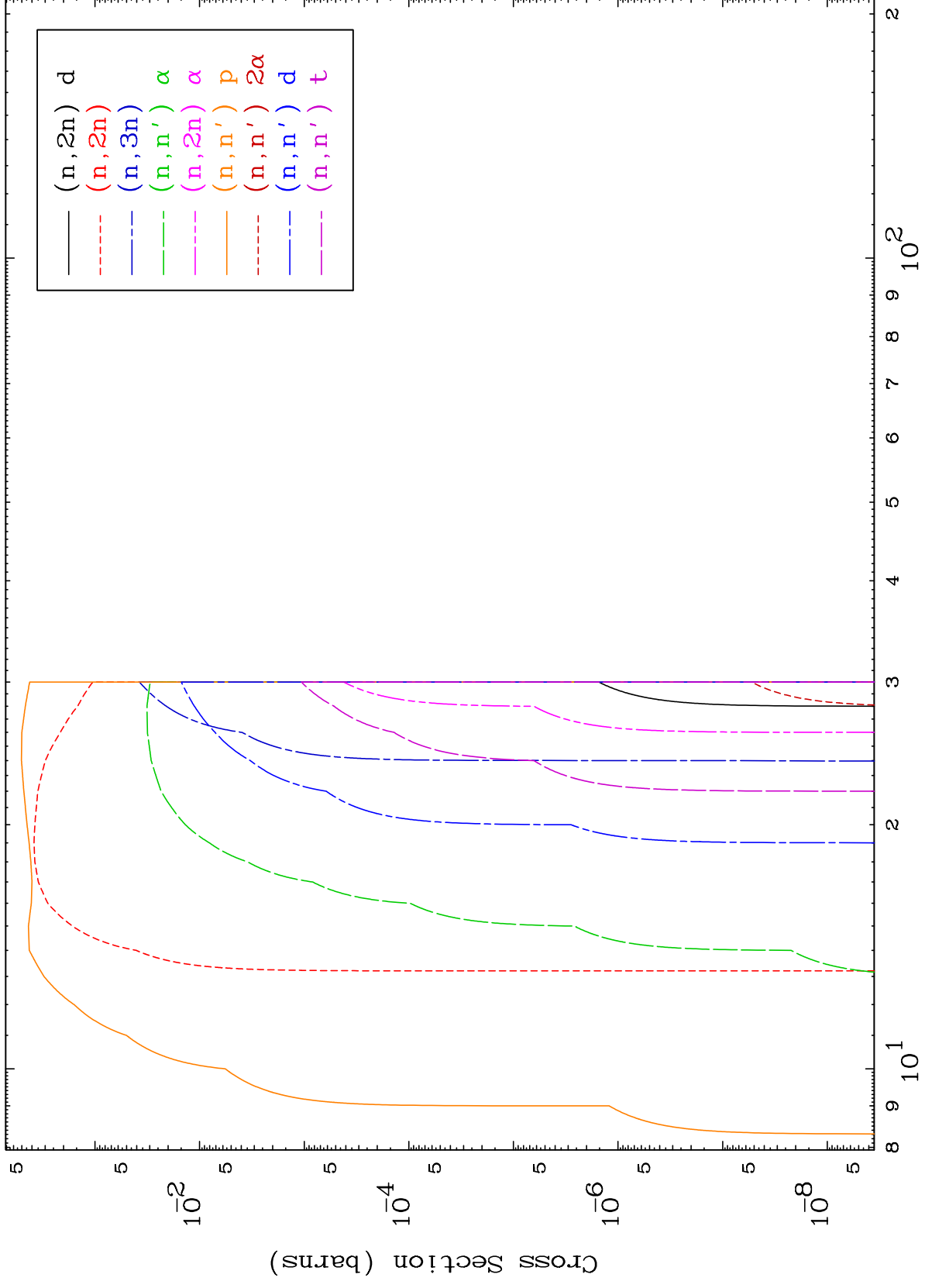
²²Ti-49



MAT 2234

Proton Neutron Absorption
0 Kelvin Cross Sections

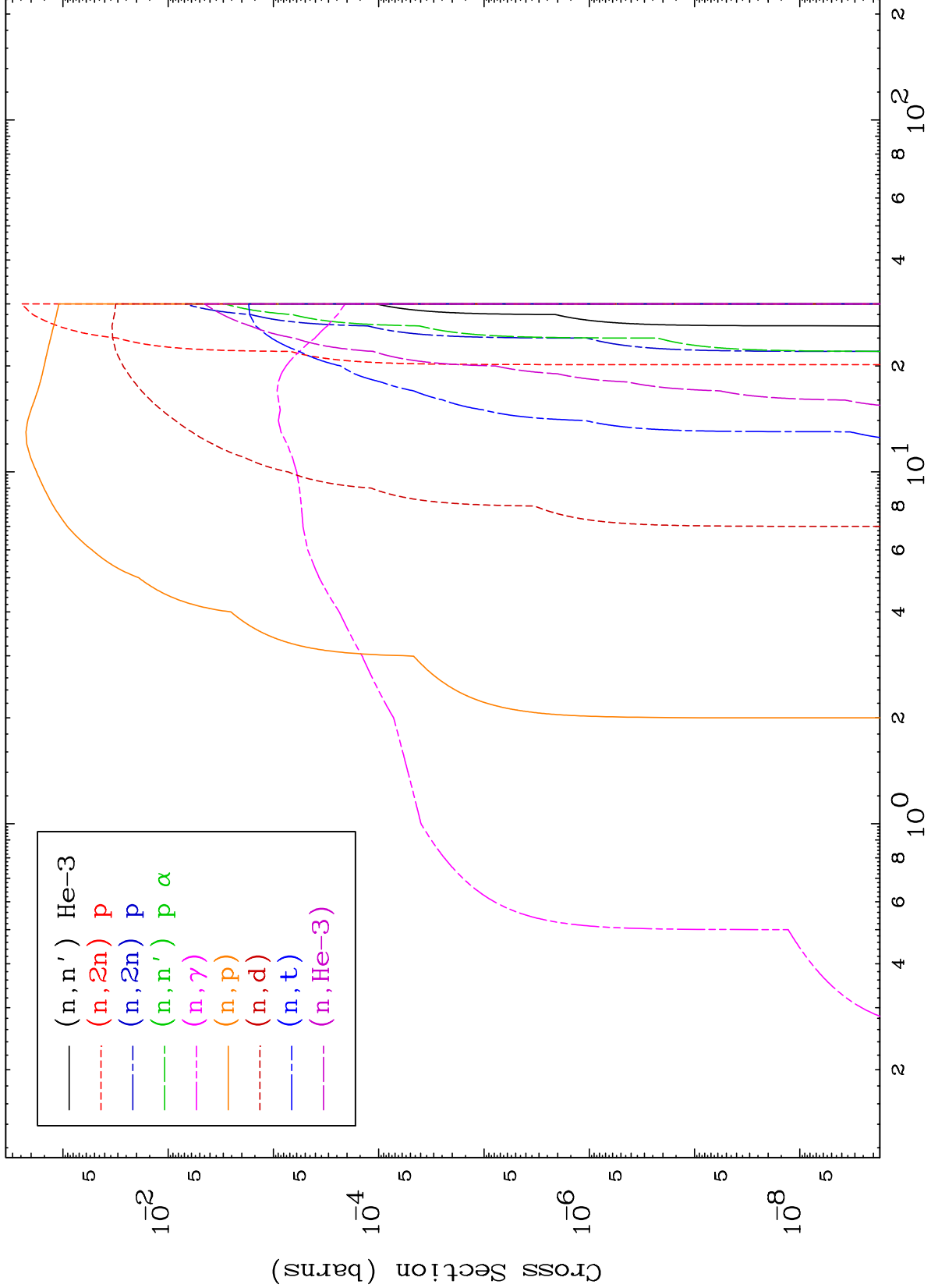
22-Ti-49



2

Incident Energy (MeV)

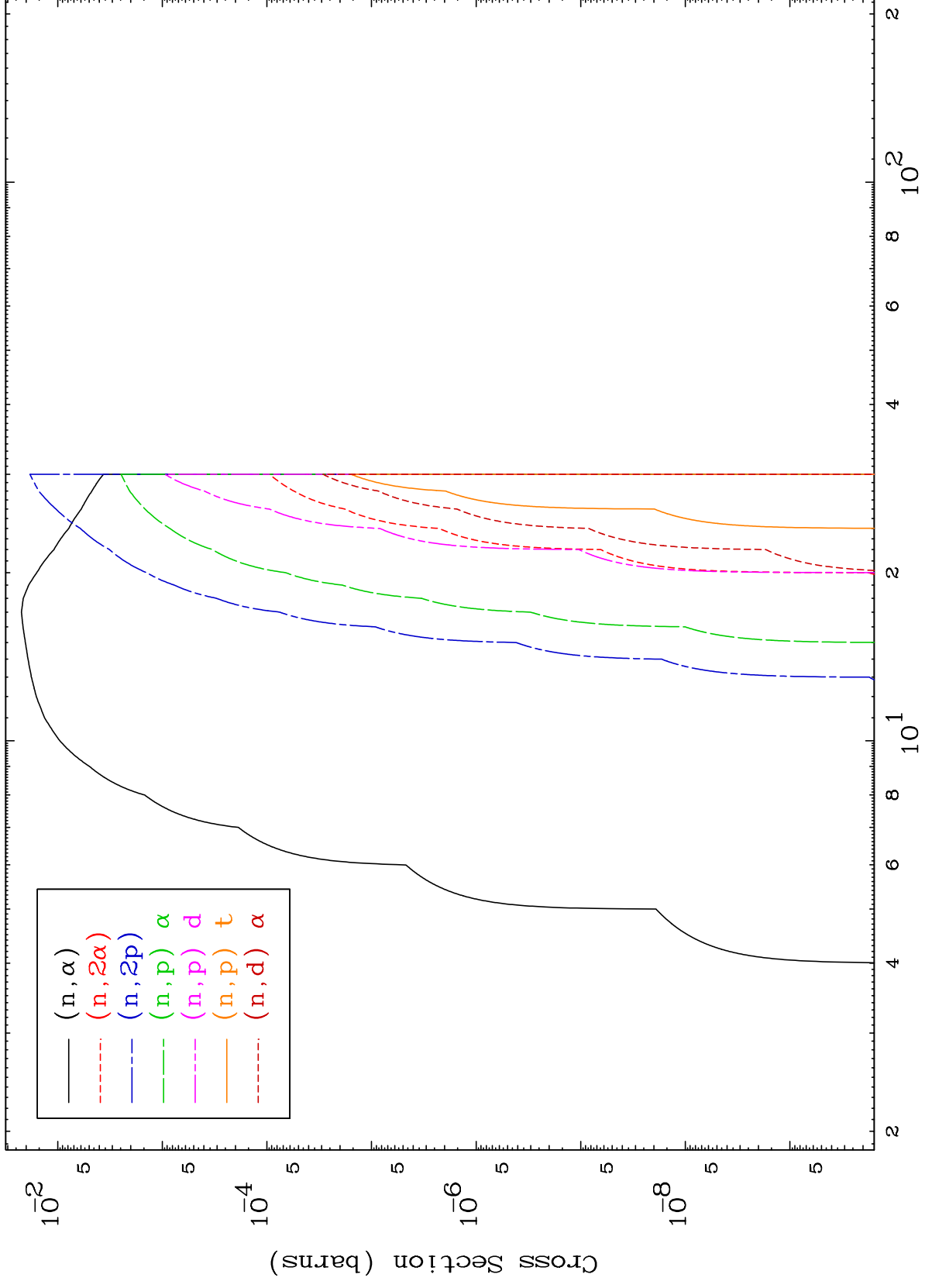
22-Ti-49



MAT 2234

Proton Neutron Absorption
0 Kelvin Cross Sections

²²Ti-49

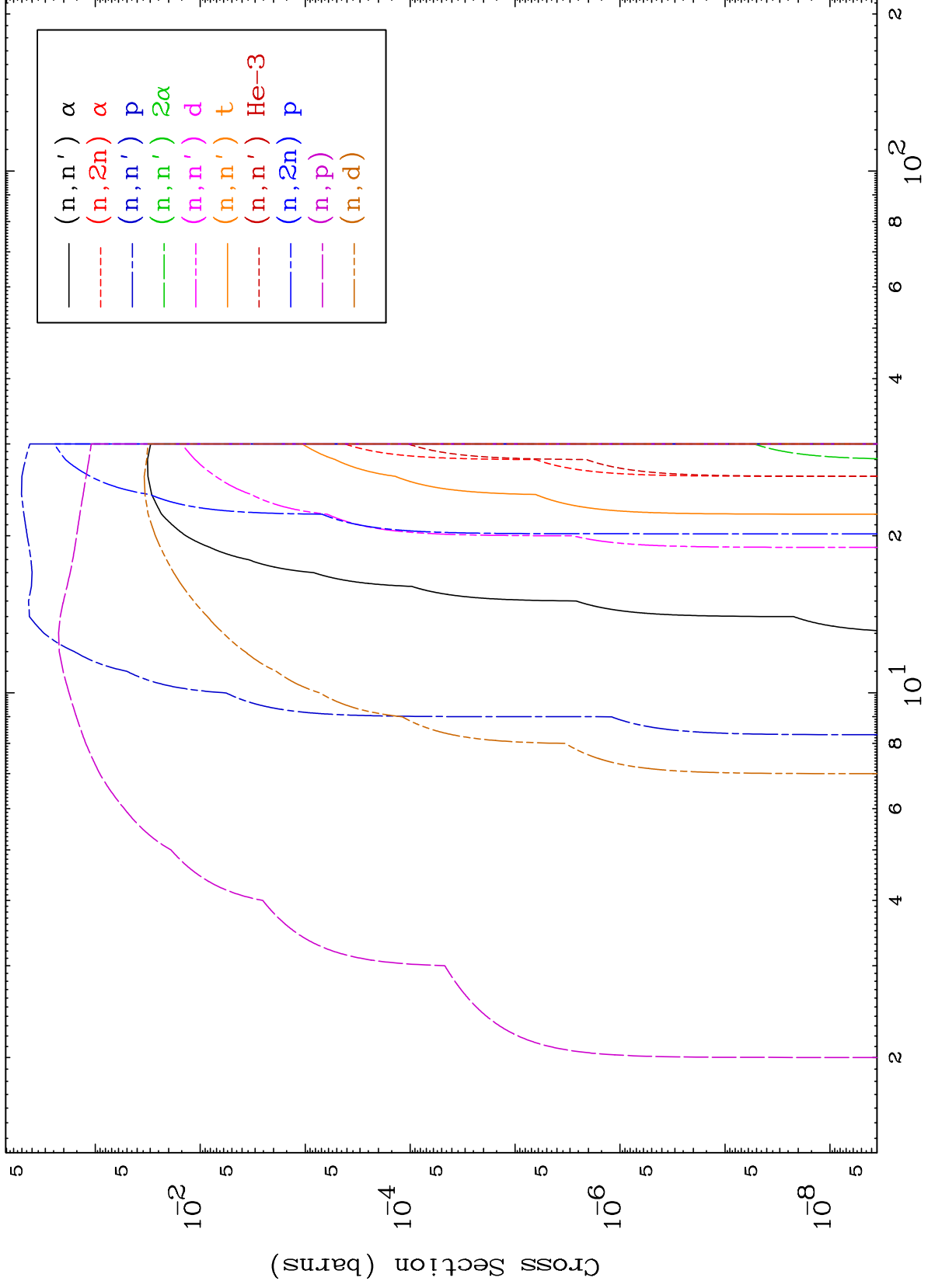


- (n, α)
- (n, 2α)
- (n, 2p)
- (n, p) α
- (n, p) d
- (n, p) t
- (n, d) α

4

Incident Energy (MeV)

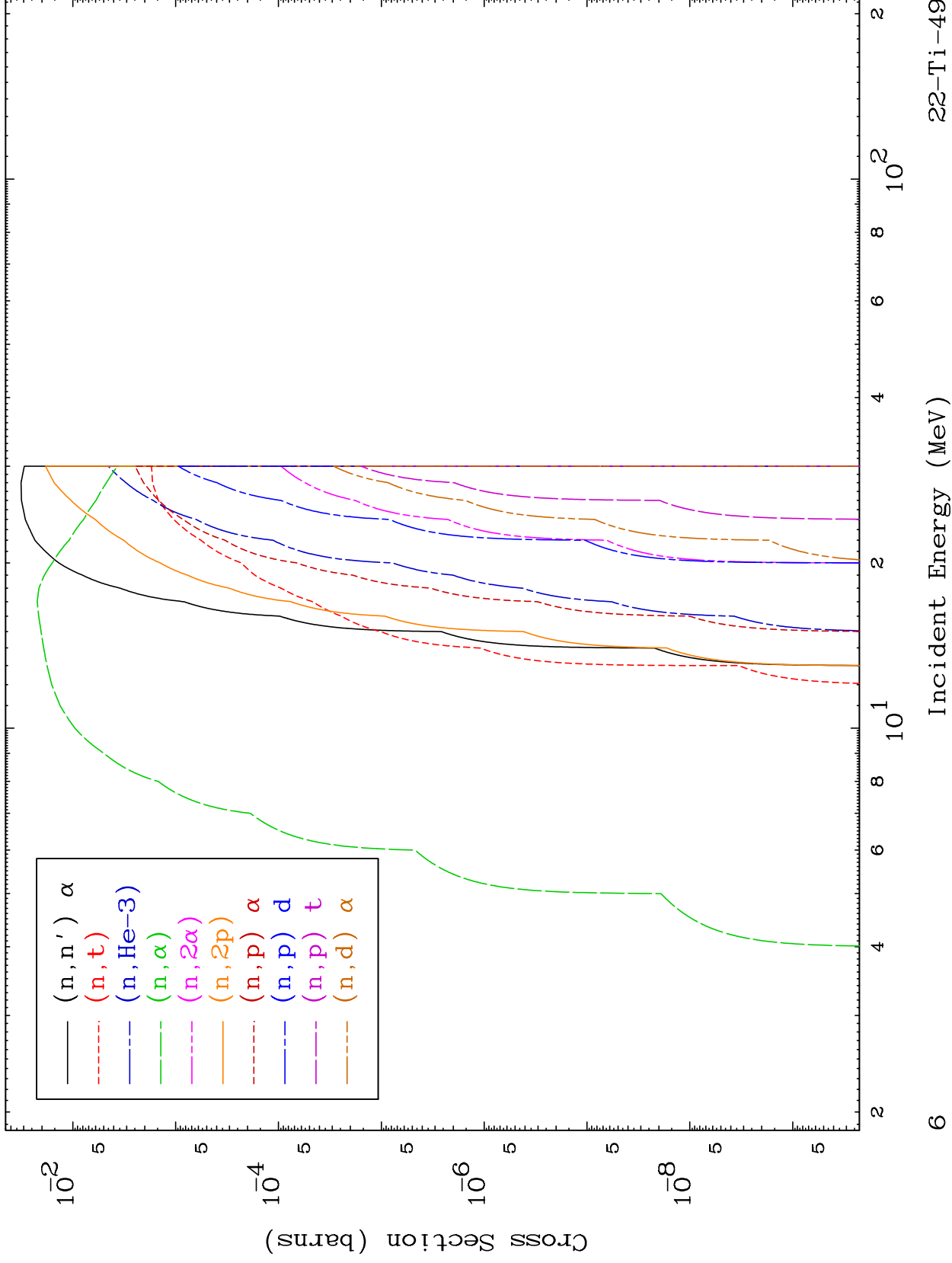
²²Ti-49



MAT 2234

Proton Charged Particle
0 Kelvin Cross Sections

²²Ti-49



6

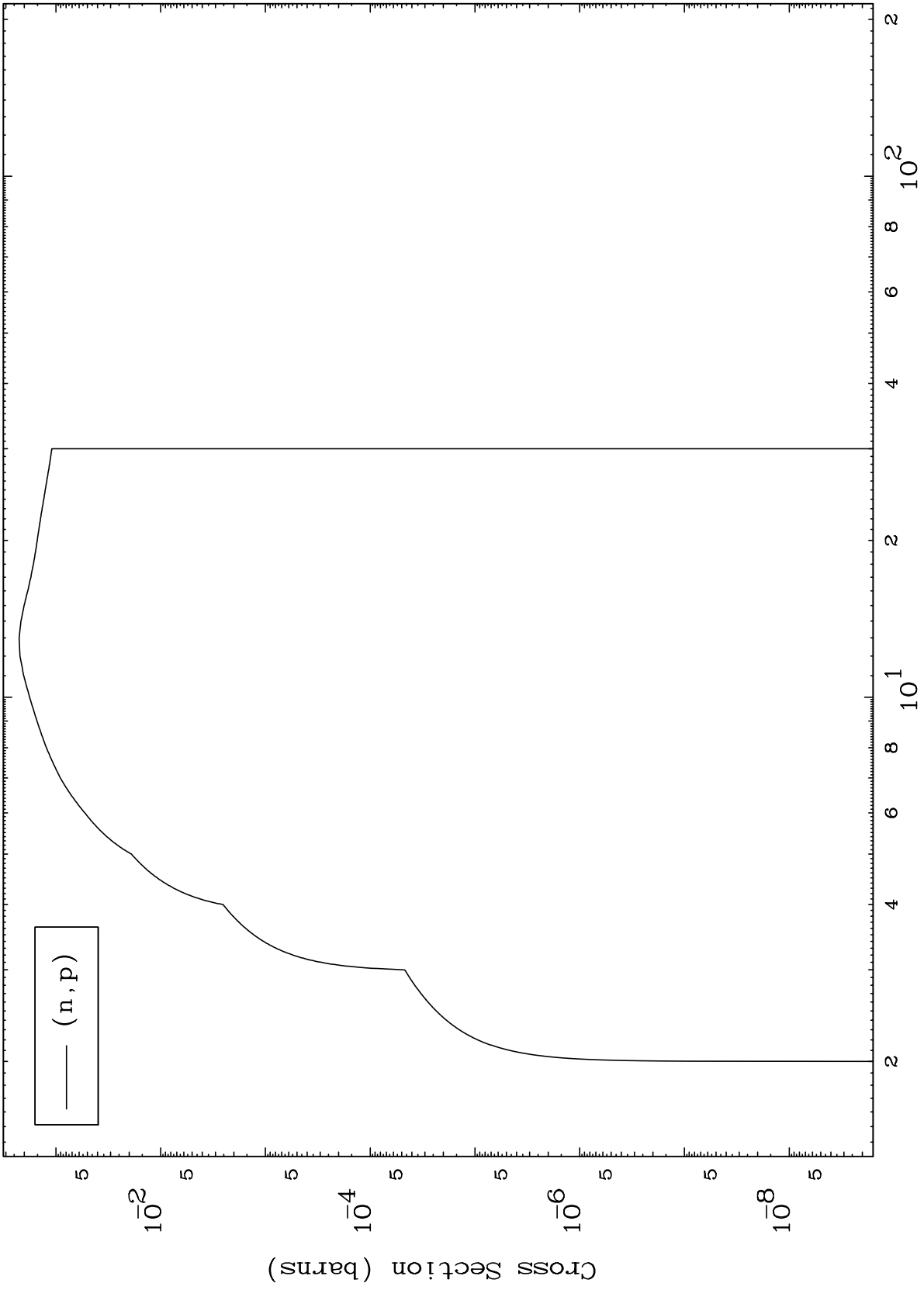
Incident Energy (MeV)

²²Ti-49

MAT 2234

²²Ti-49

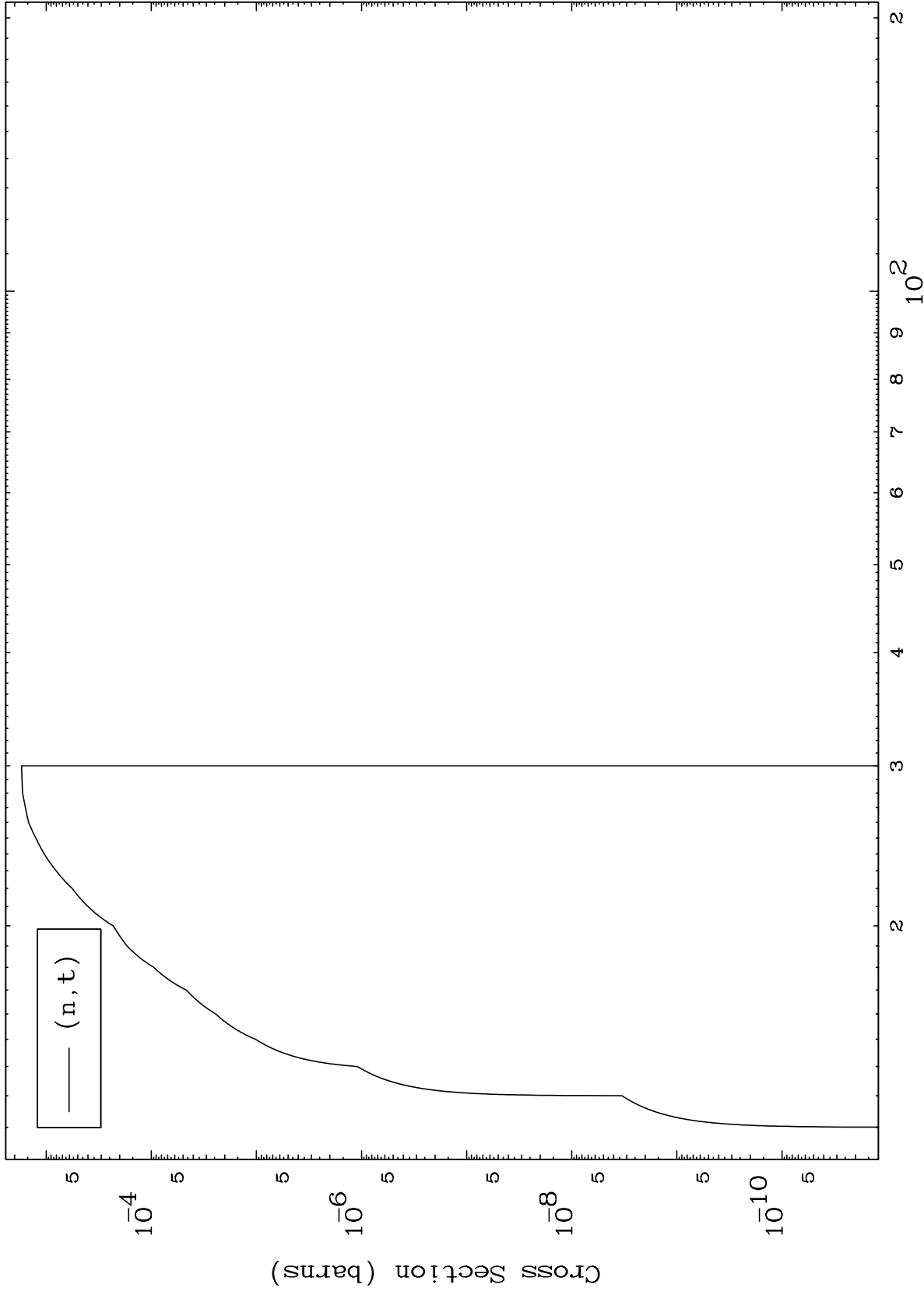
(p,p) Levels
0 Kelvin Cross Sections



7

²²Ti-49

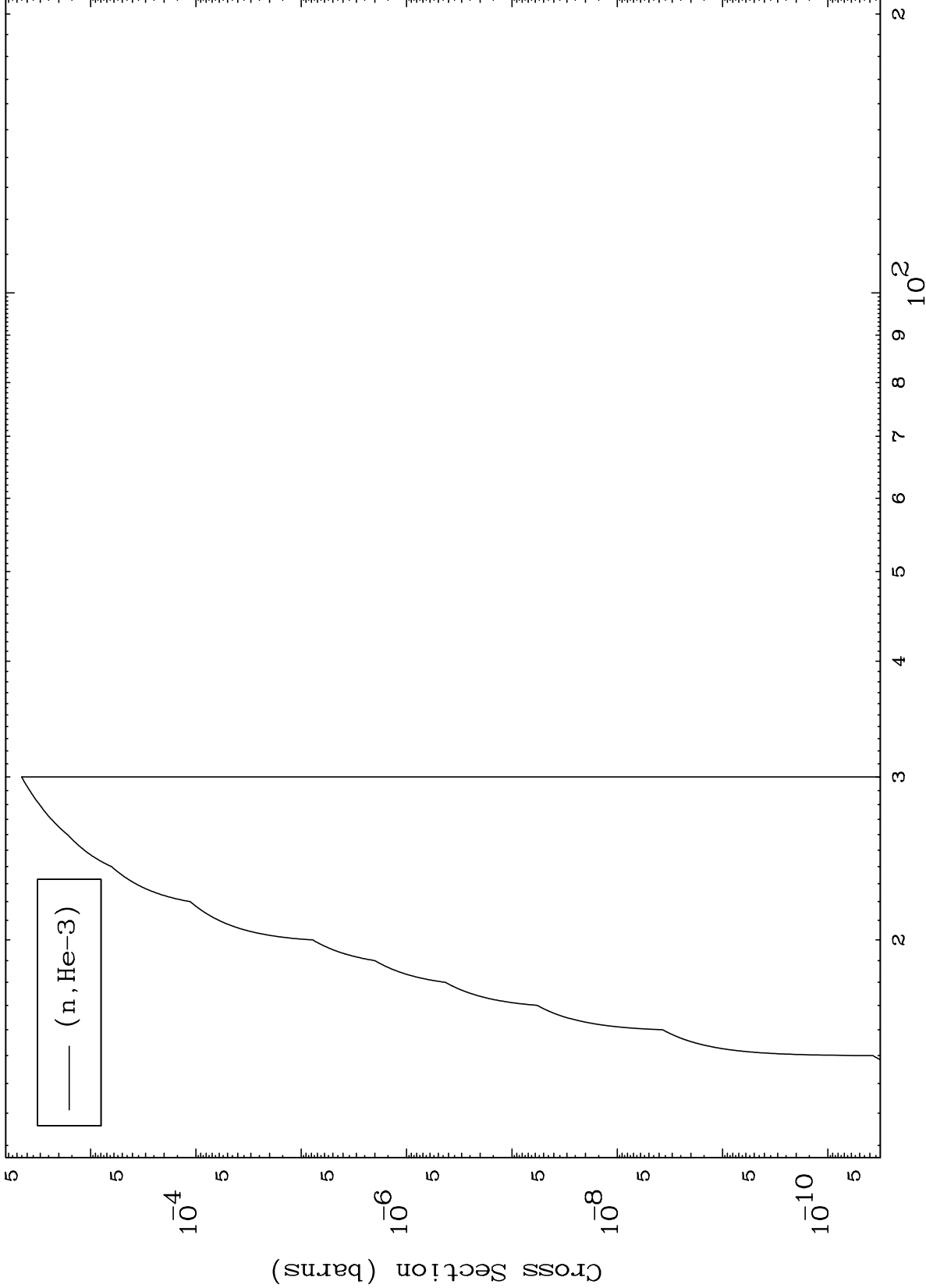
Incident Energy (MeV)



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(p,He3) Levels
0 Kelvin Cross Sections

²²Ti-49

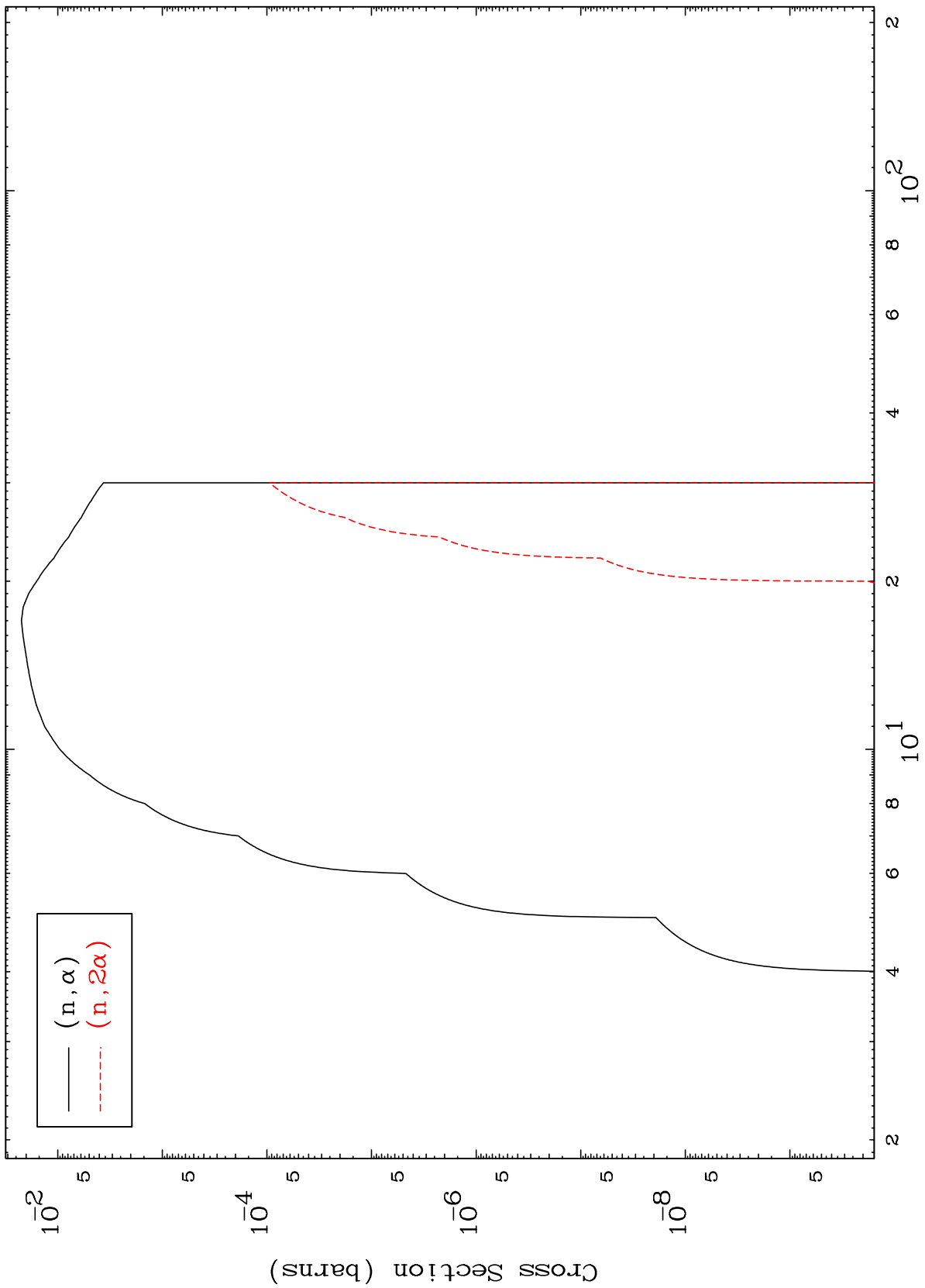


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Incident Energy (MeV)

²²Ti-49

(p, α) Levels
0 Kelvin Cross Sections

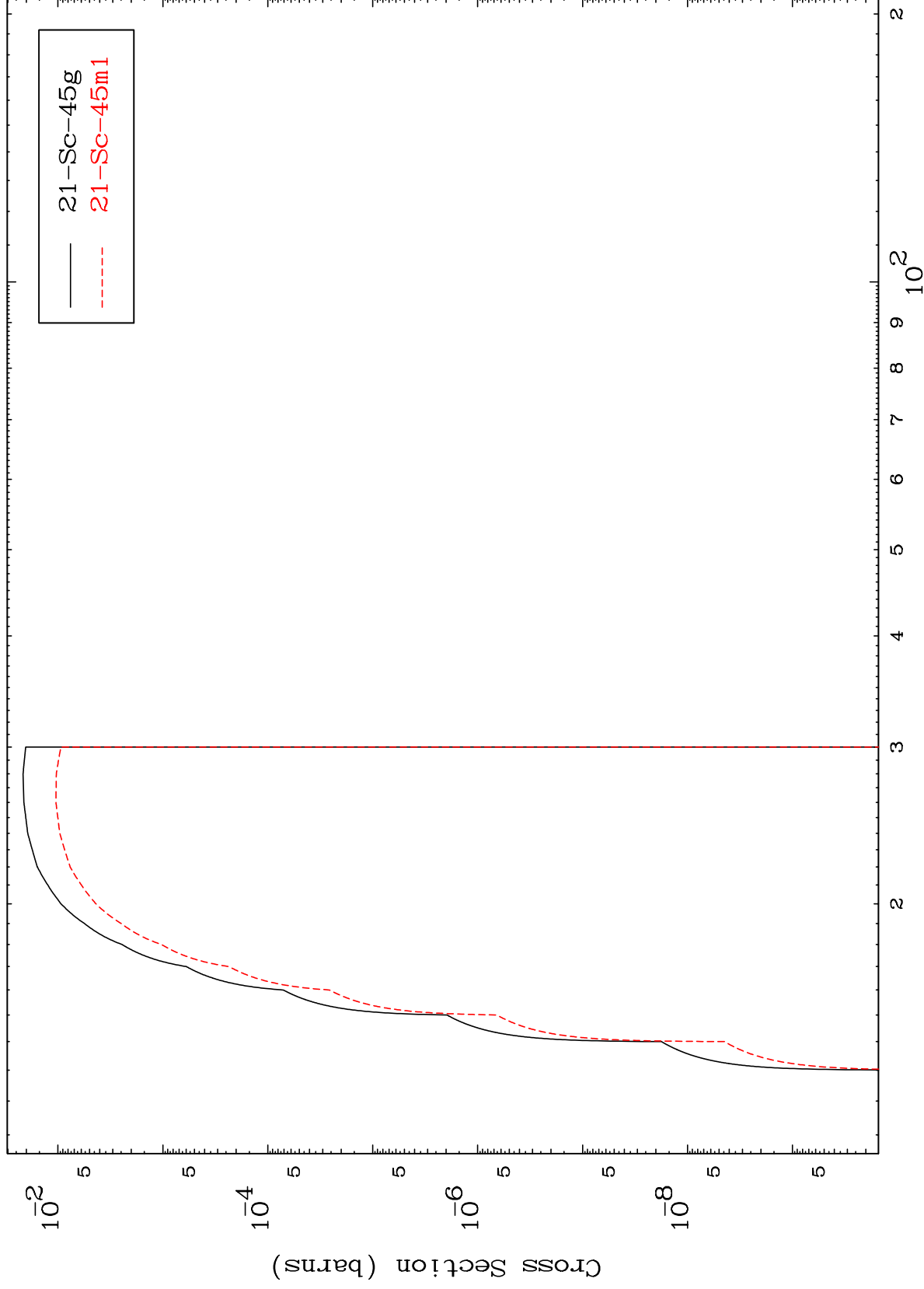


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$(n, n') \alpha$

22-Ti-49

Radionuclide Production Cross Section



12

Incident Energy (MeV)

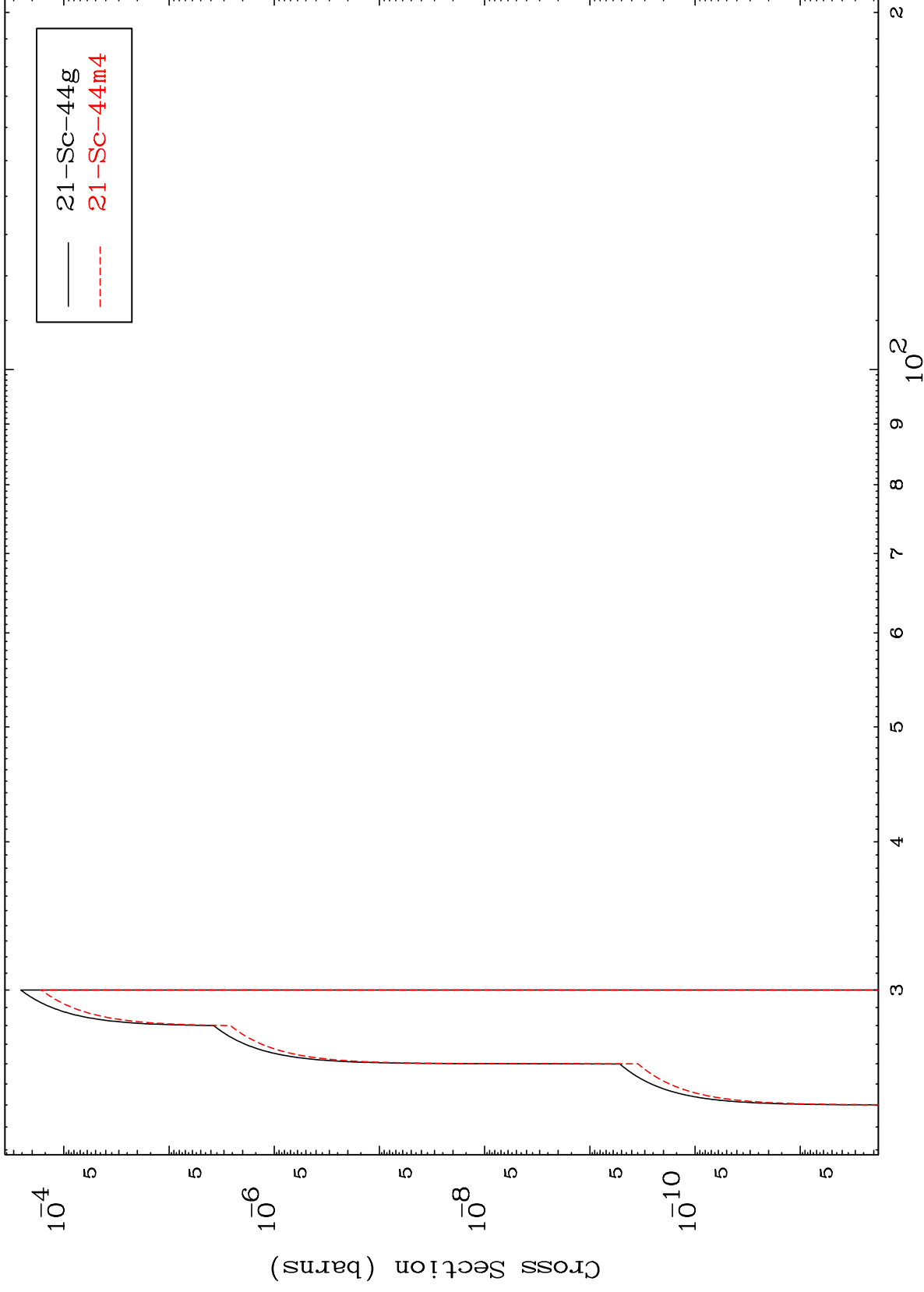
22-Ti-49

MAT 2234

(n,2n) α

22-Ti-49

Radionuclide Production Cross Section



13

Incident Energy (MeV)

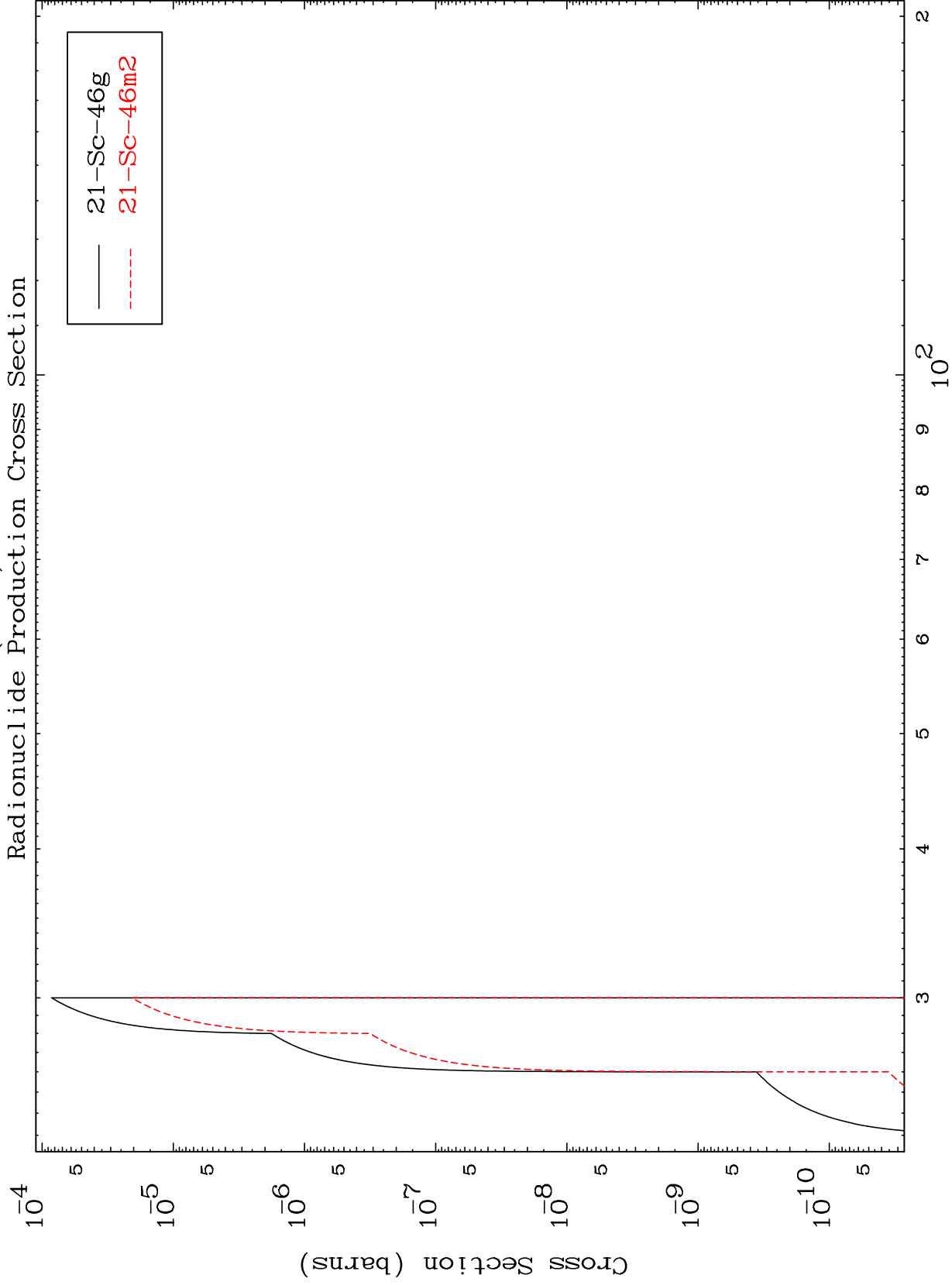
22-Ti-49

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(n,n') He-3

22-Ti-49

Radionuclide Production Cross Section



14

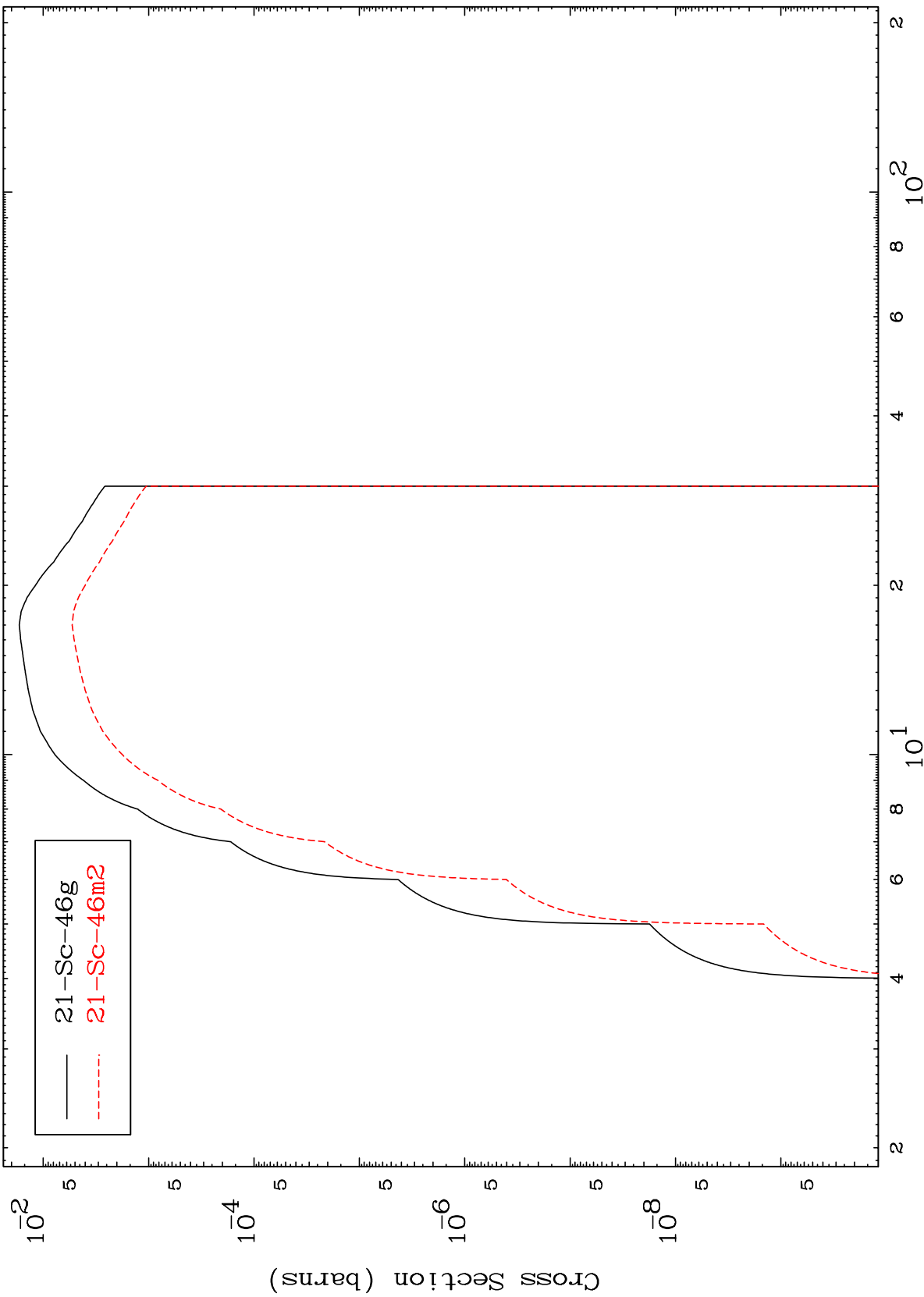
Incident Energy (MeV)

22-Ti-49

MAT 2234

22-Ti-49

Radionuclide Production Cross Section
(n, α)



22-Ti-49

Incident Energy (MeV)

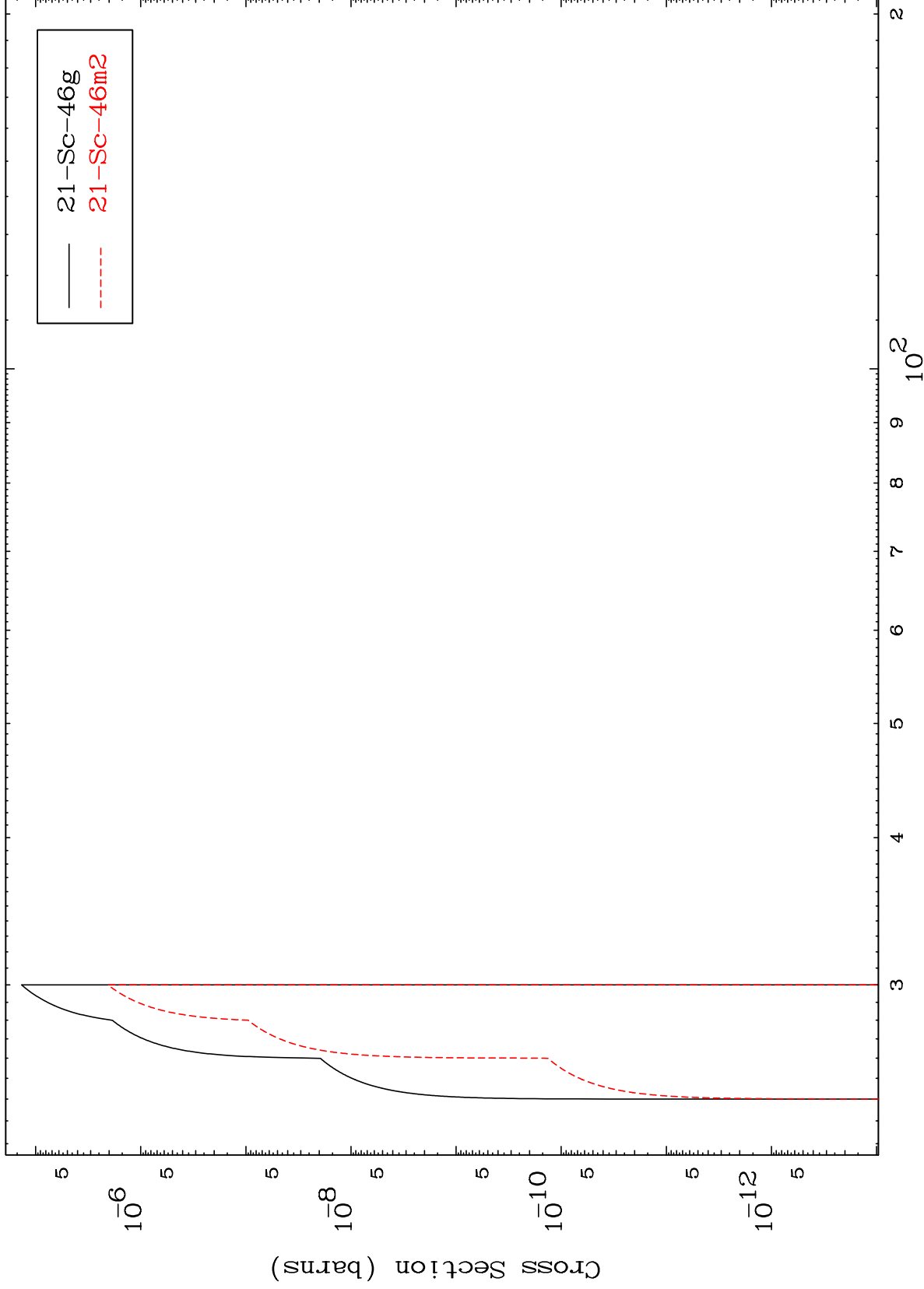
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MAT 2234

(n,p) t

22-Ti-49

Radionuclide Production Cross Section



16

Incident Energy (MeV)

22-Ti-49