

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

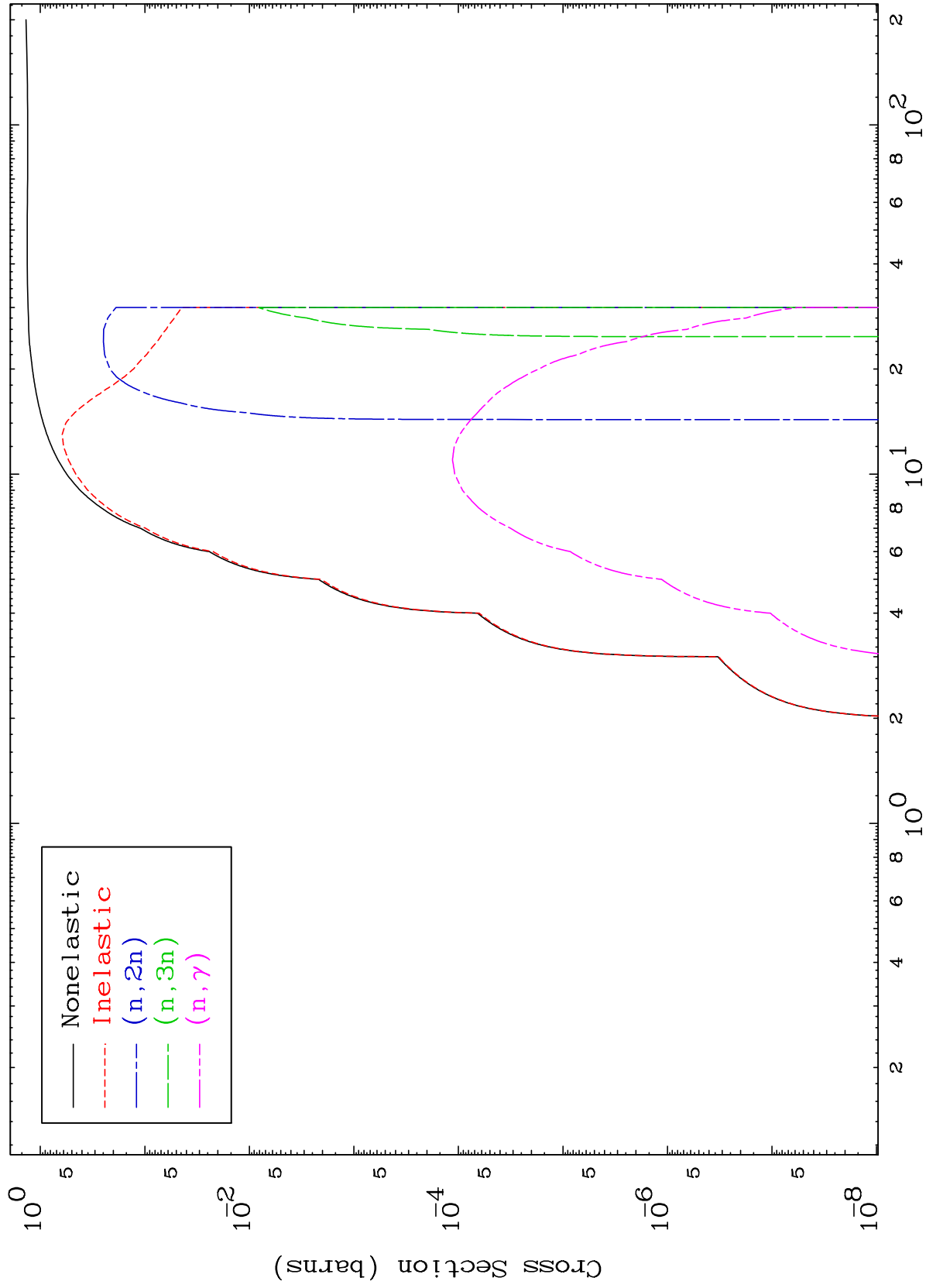
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

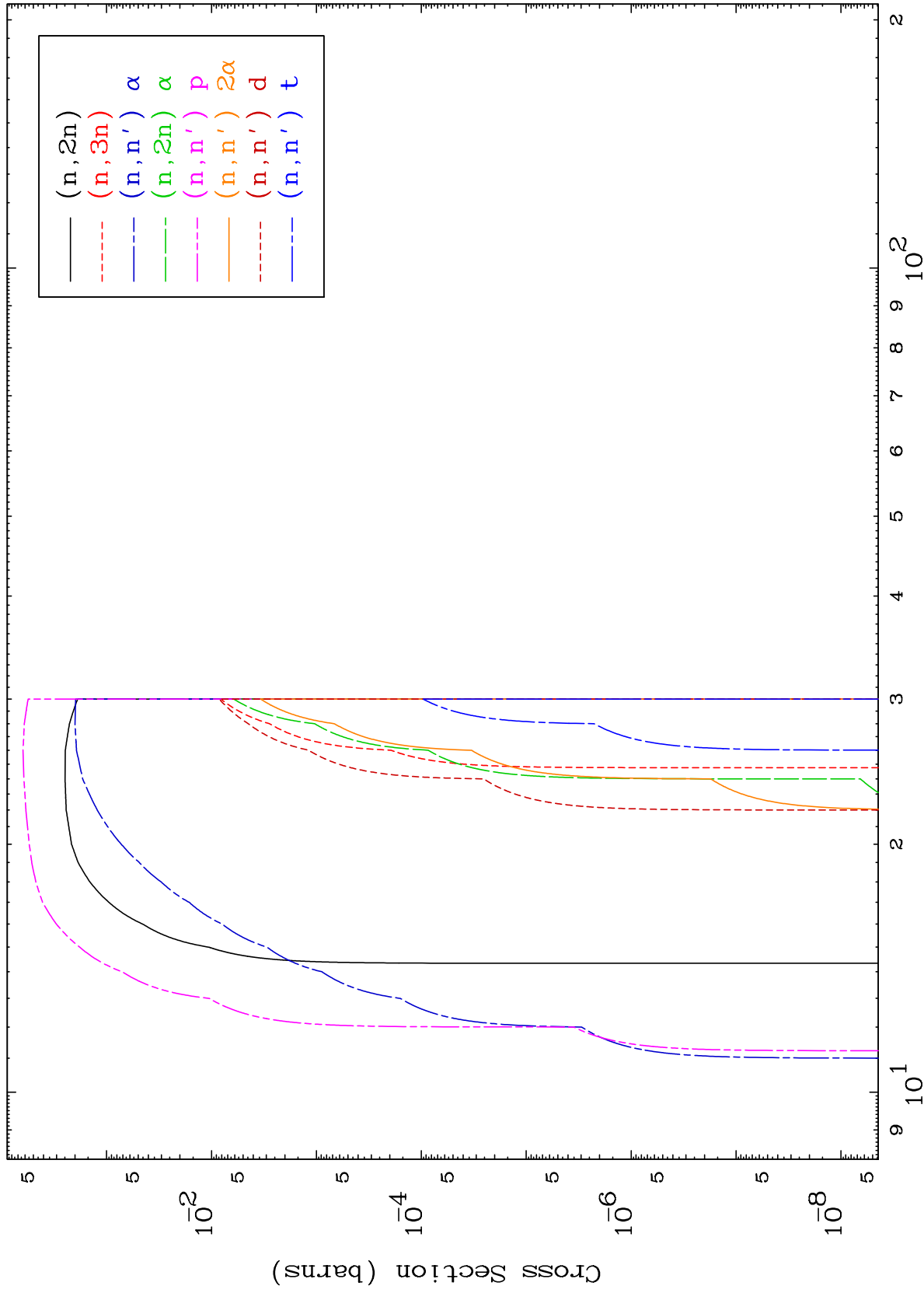
0 Kelvin Cross Sections



MAT 2034

α Neutron Absorption
0 Kelvin Cross Sections

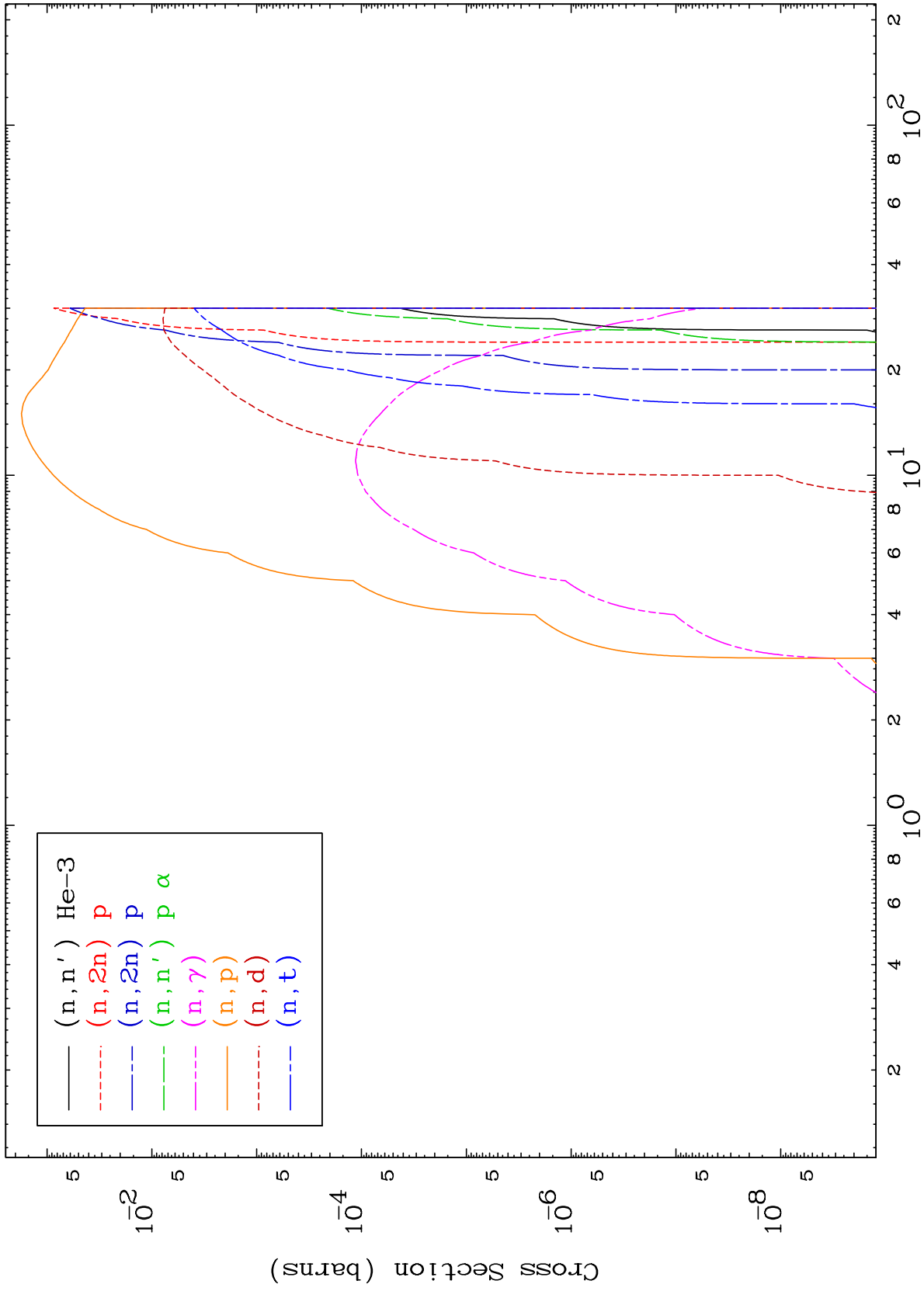
20-Ca-43



2

Incident Energy (MeV)

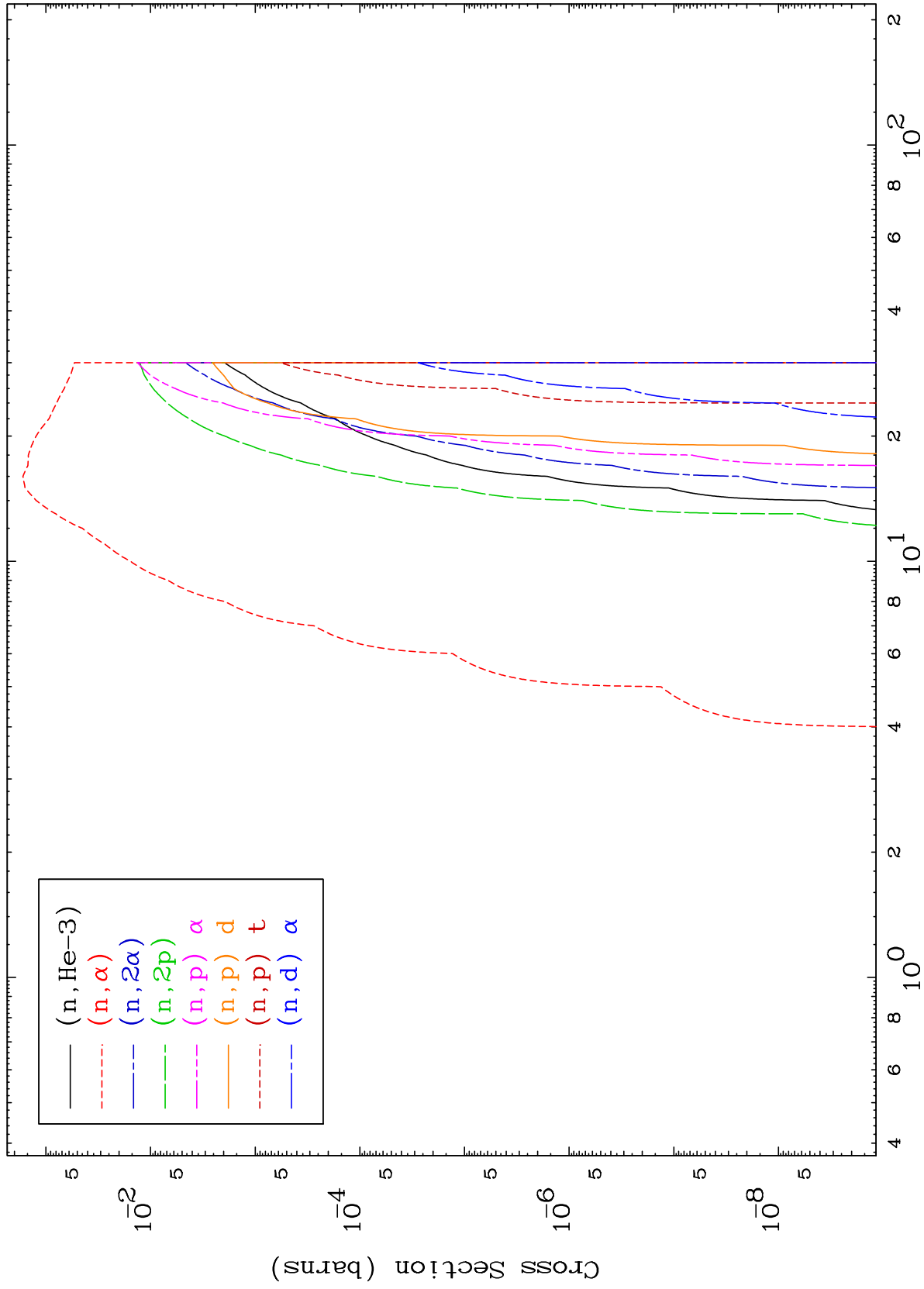
20-Ca-43



MAT 2034

α Neutron Absorption
0 Kelvin Cross Sections

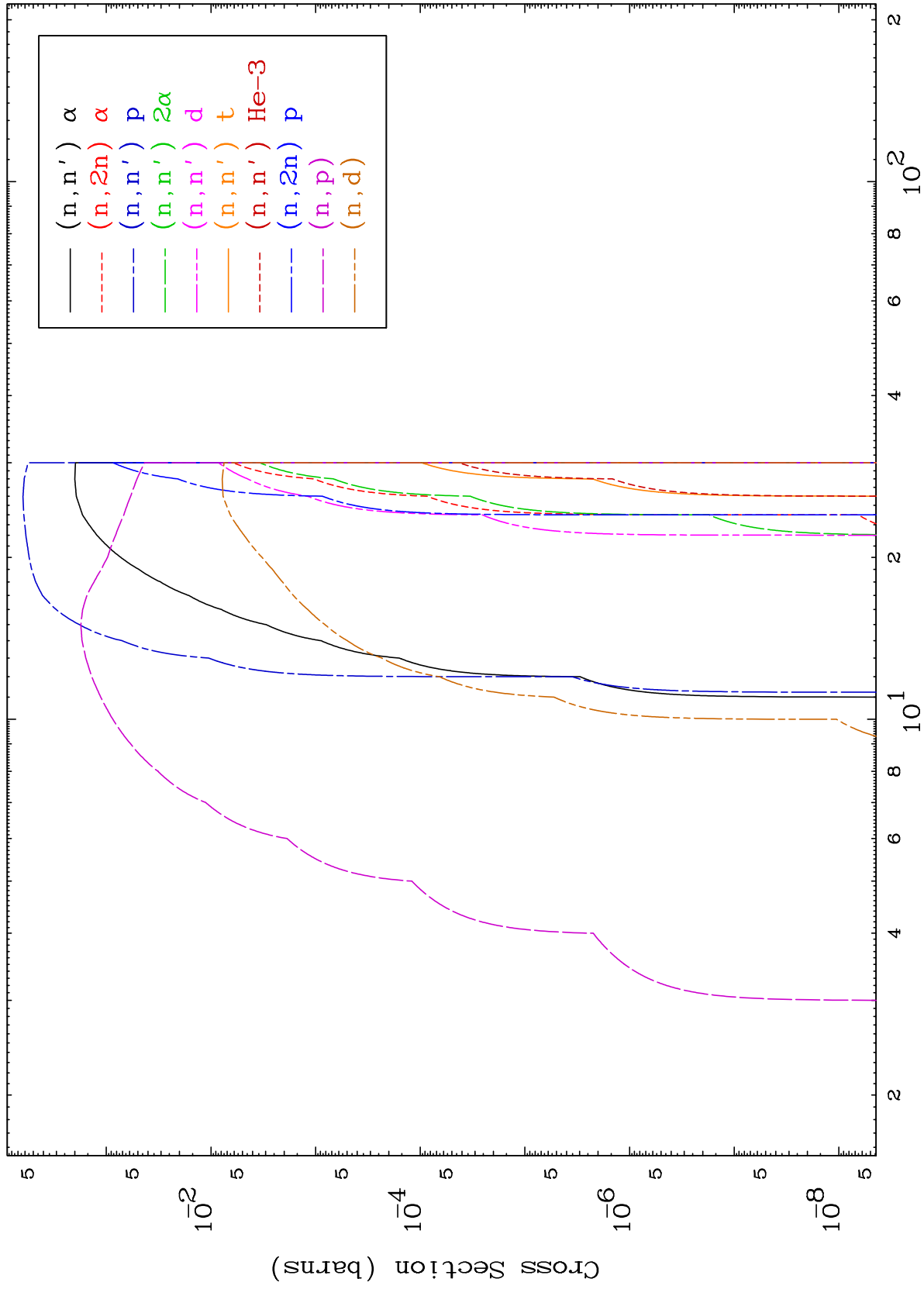
20-Ca-43



4

Incident Energy (MeV)

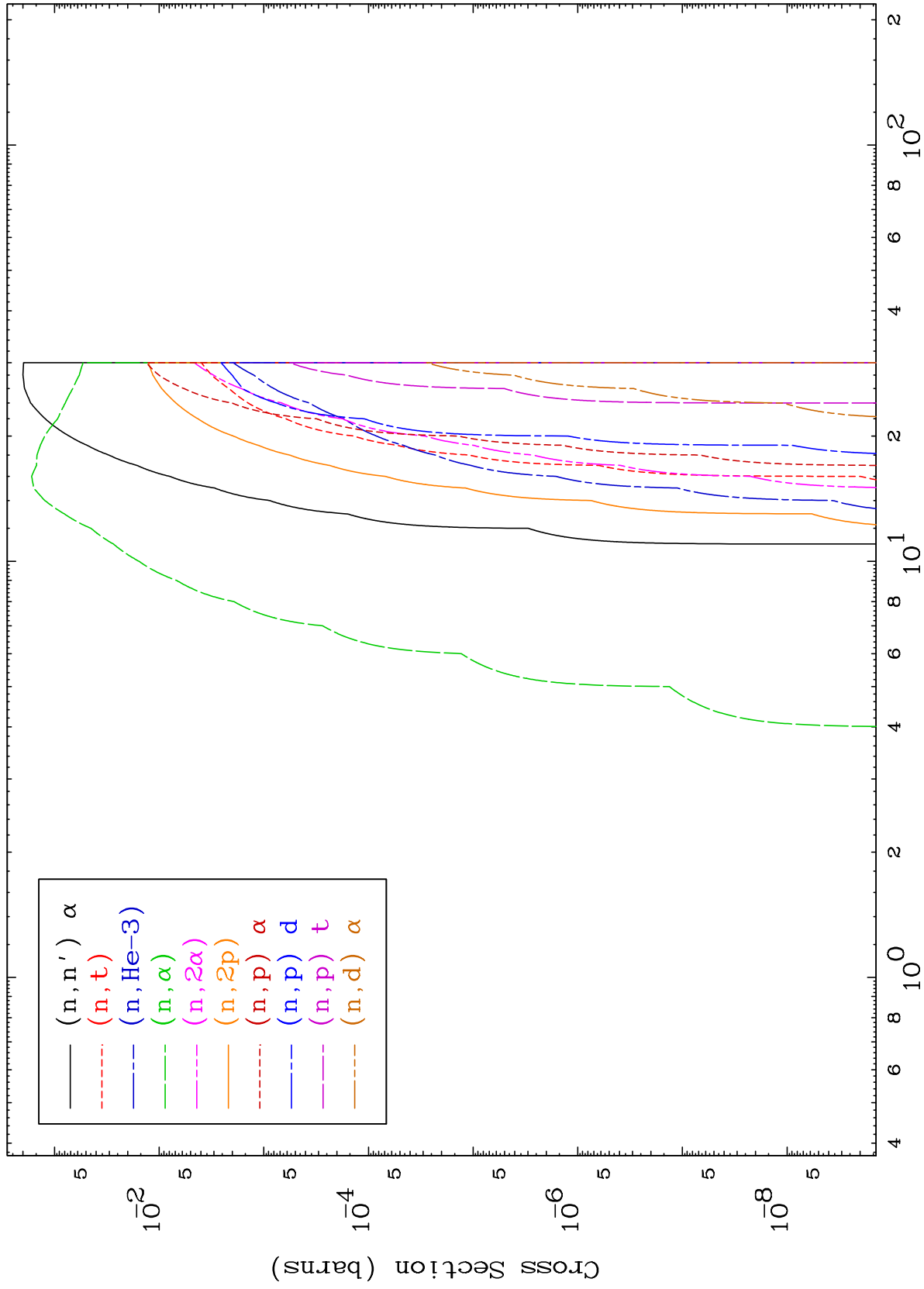
20-Ca-43



MAT 2034

α Charged Particle
0 Kelvin Cross Sections

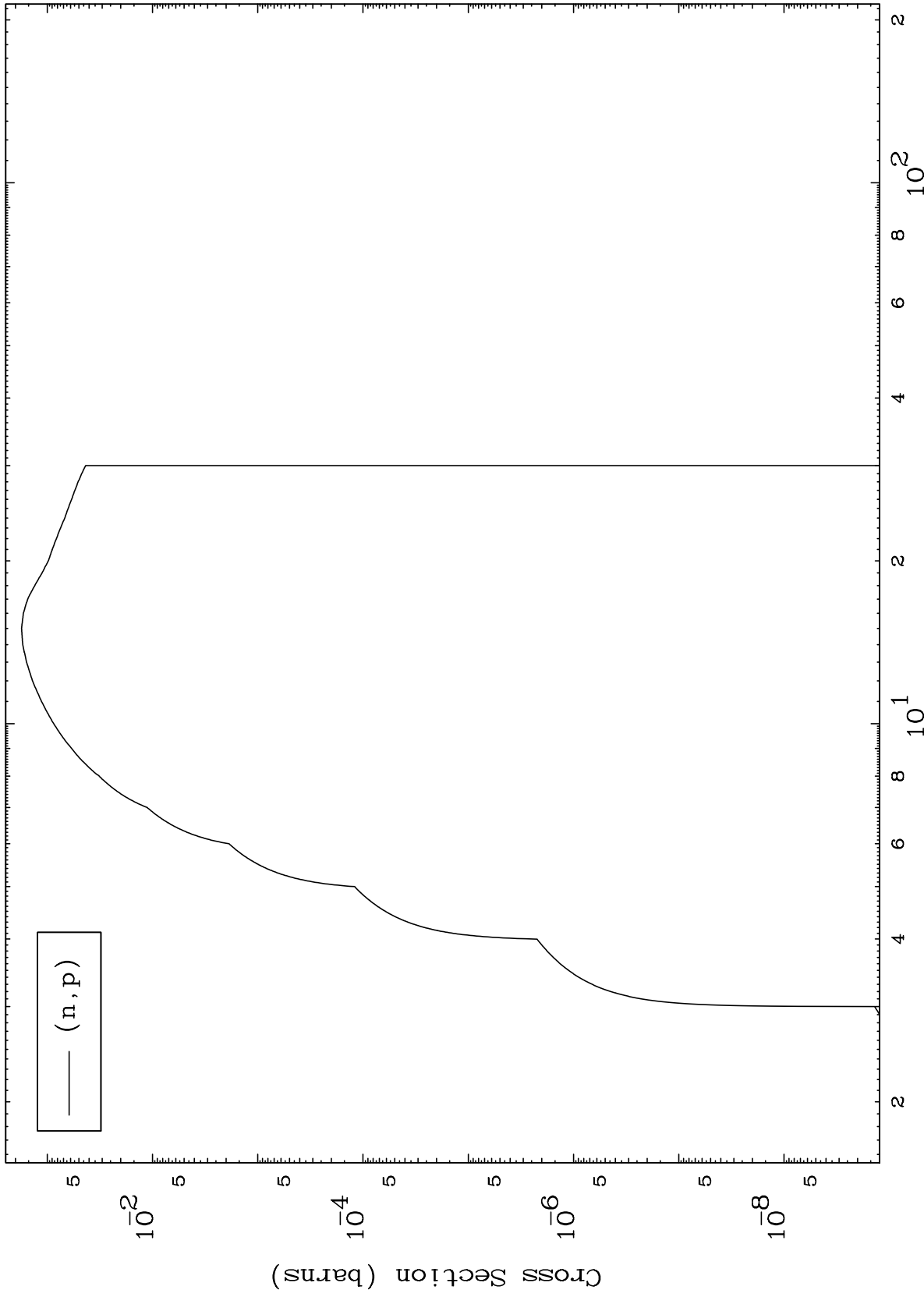
20-Ca-43



6

Incident Energy (MeV)

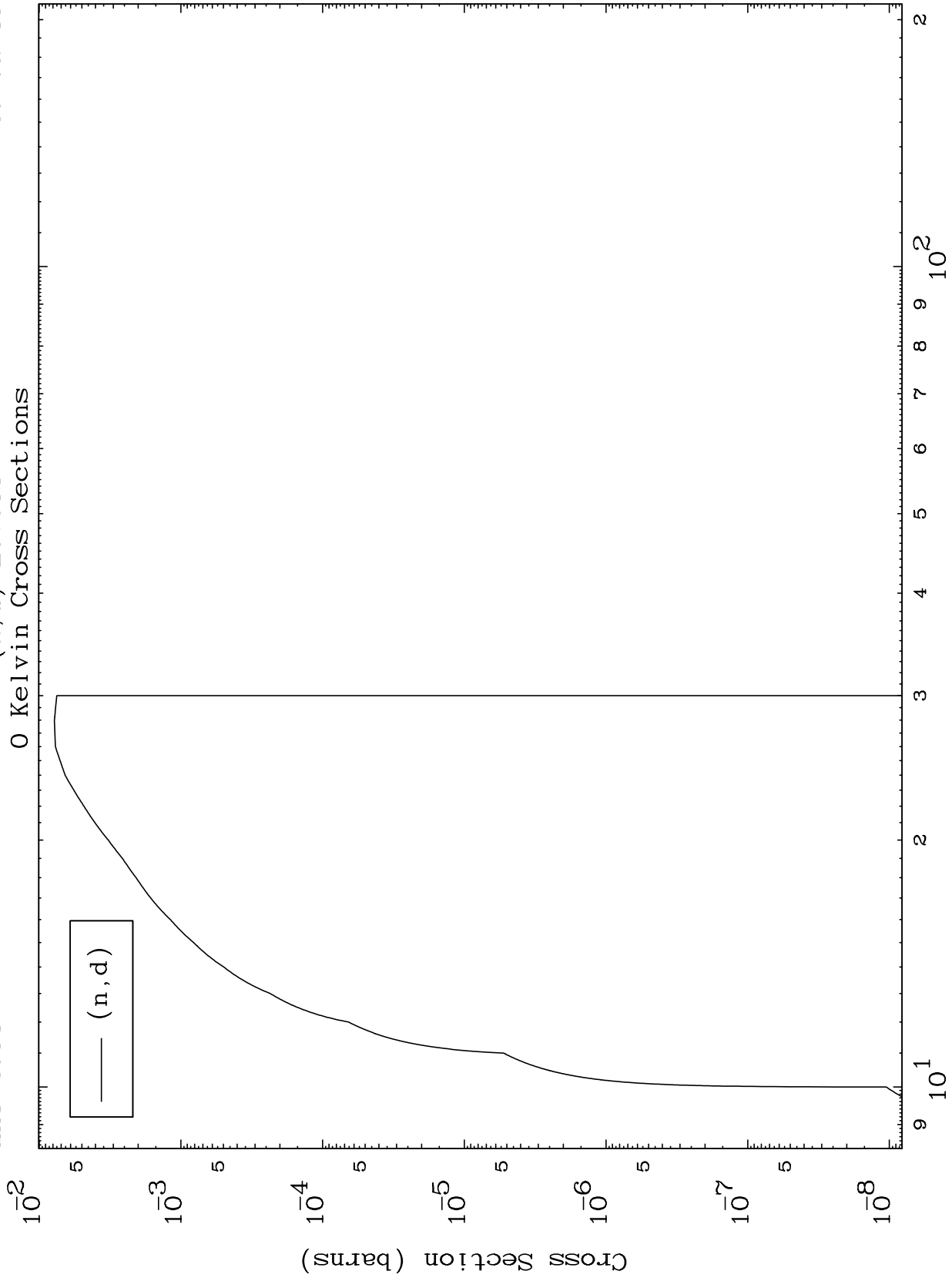
20-Ca-43



MAT 2034

(α, d) Levels
0 Kelvin Cross Sections

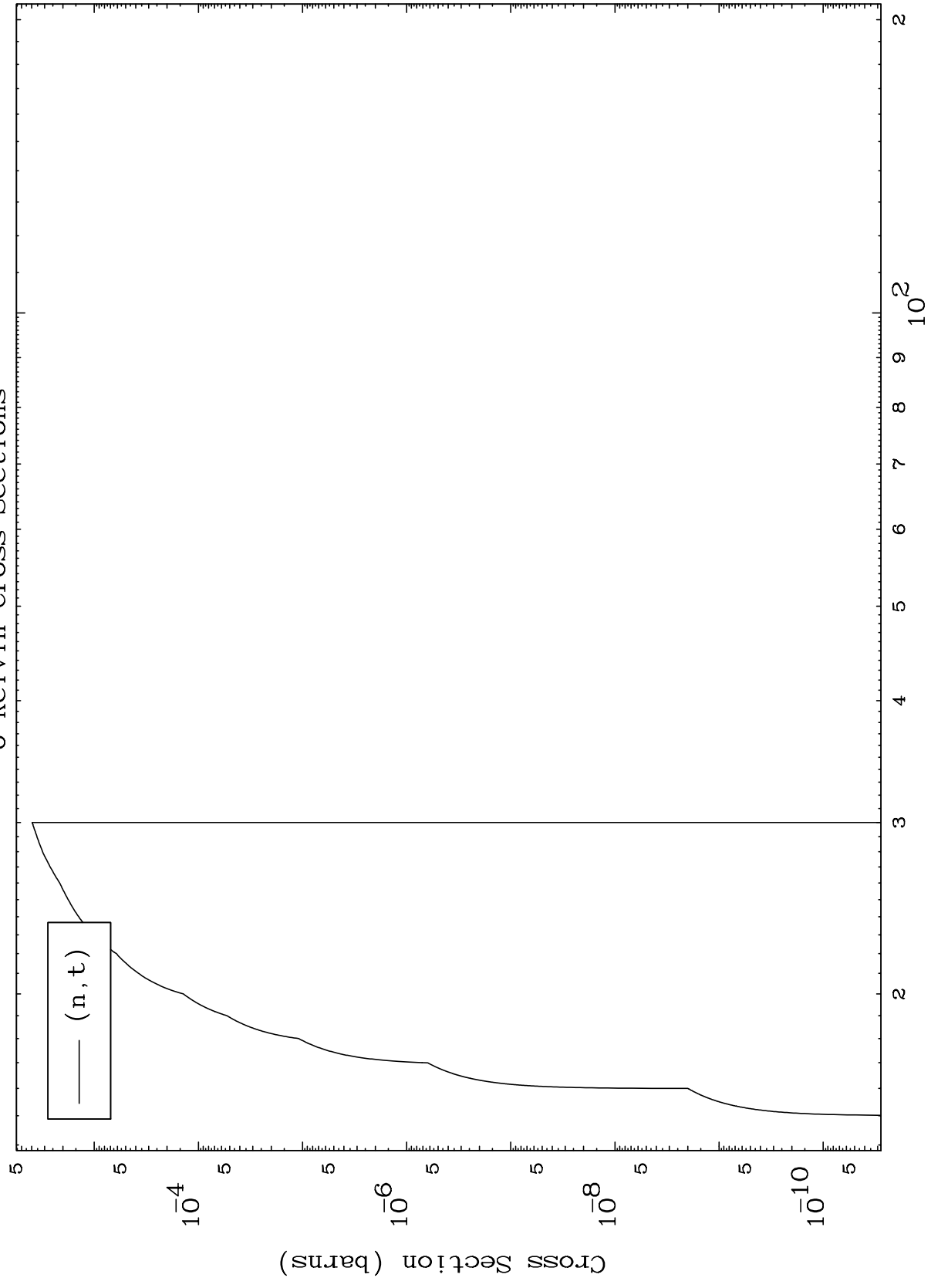
20-Ca-43



8

Incident Energy (MeV)

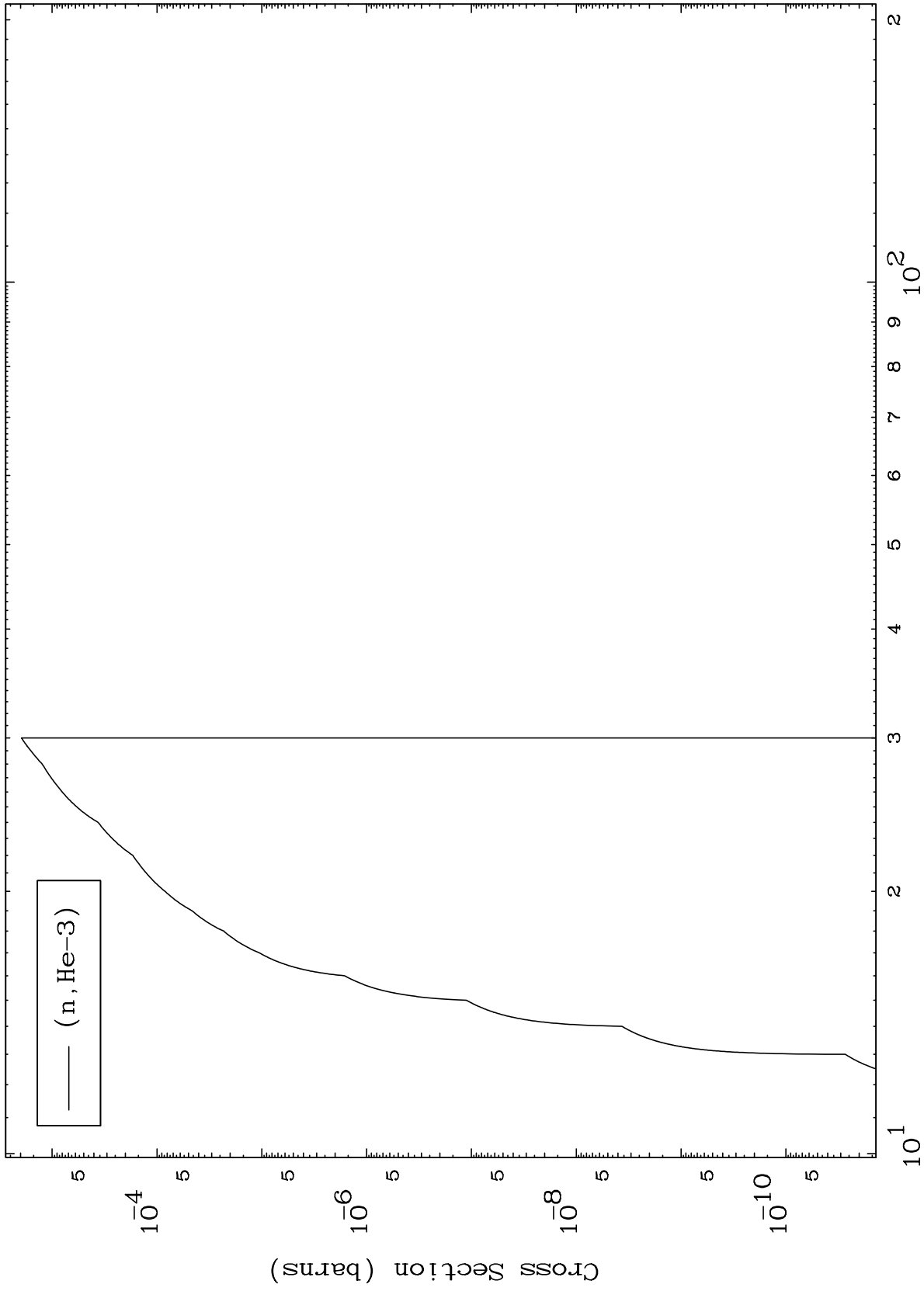
20-Ca-43



MAT 2034

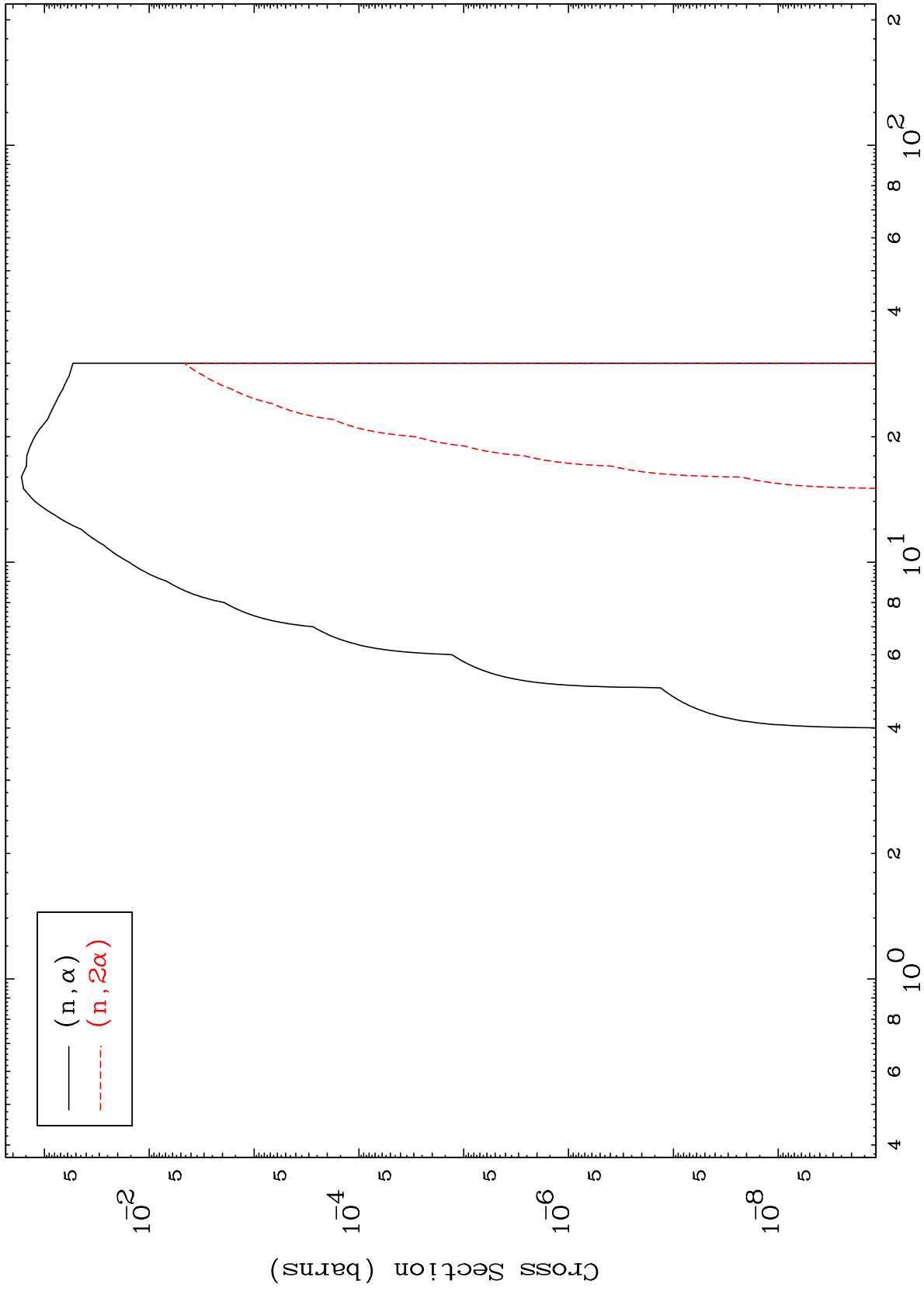
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

20-Ca-43



Incident Energy (MeV)

20-Ca-43

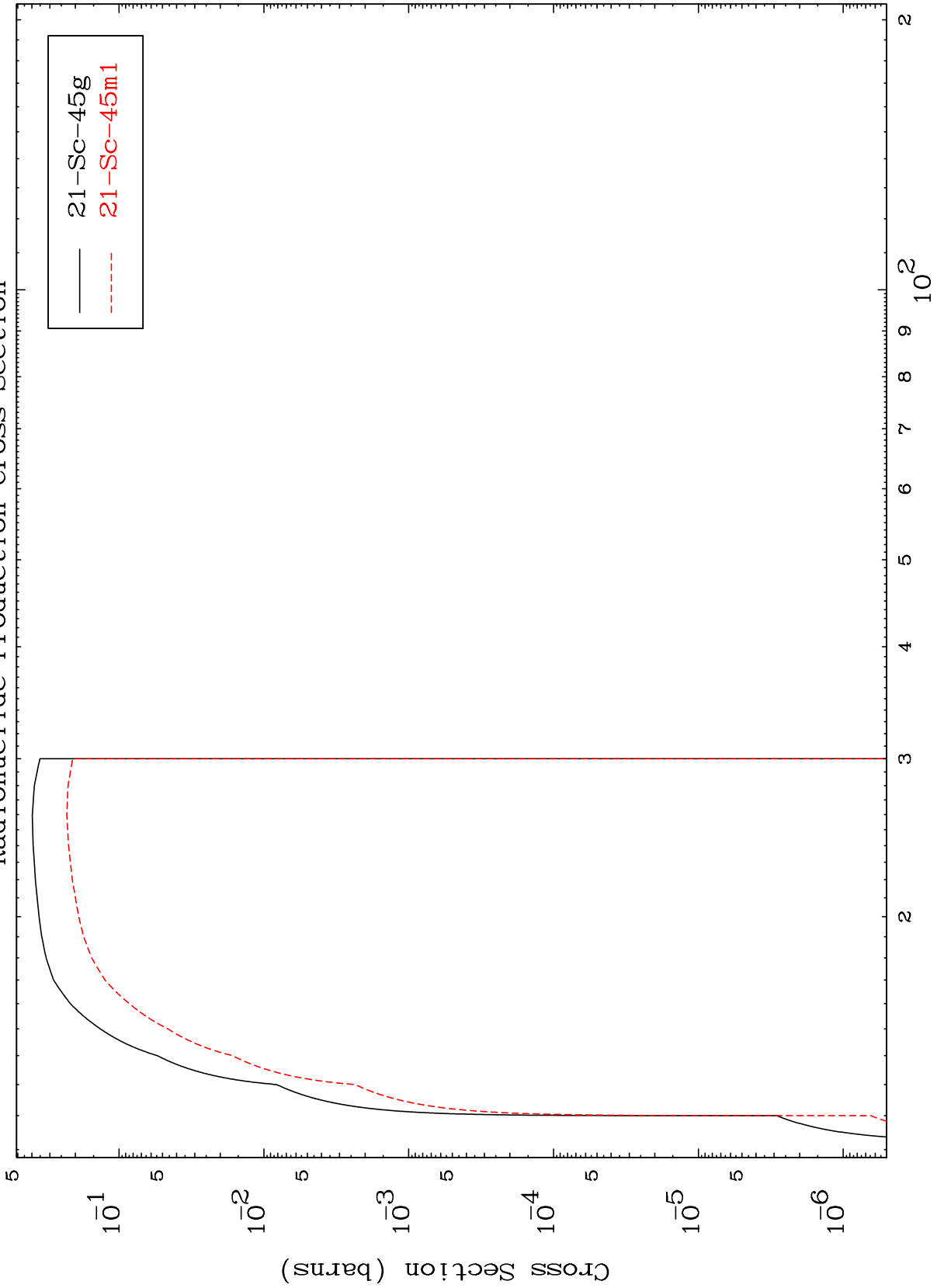


MAT 2034

(n,n') p

20-Ca-43

Radionuclide Production Cross Section



12

Incident Energy (MeV)

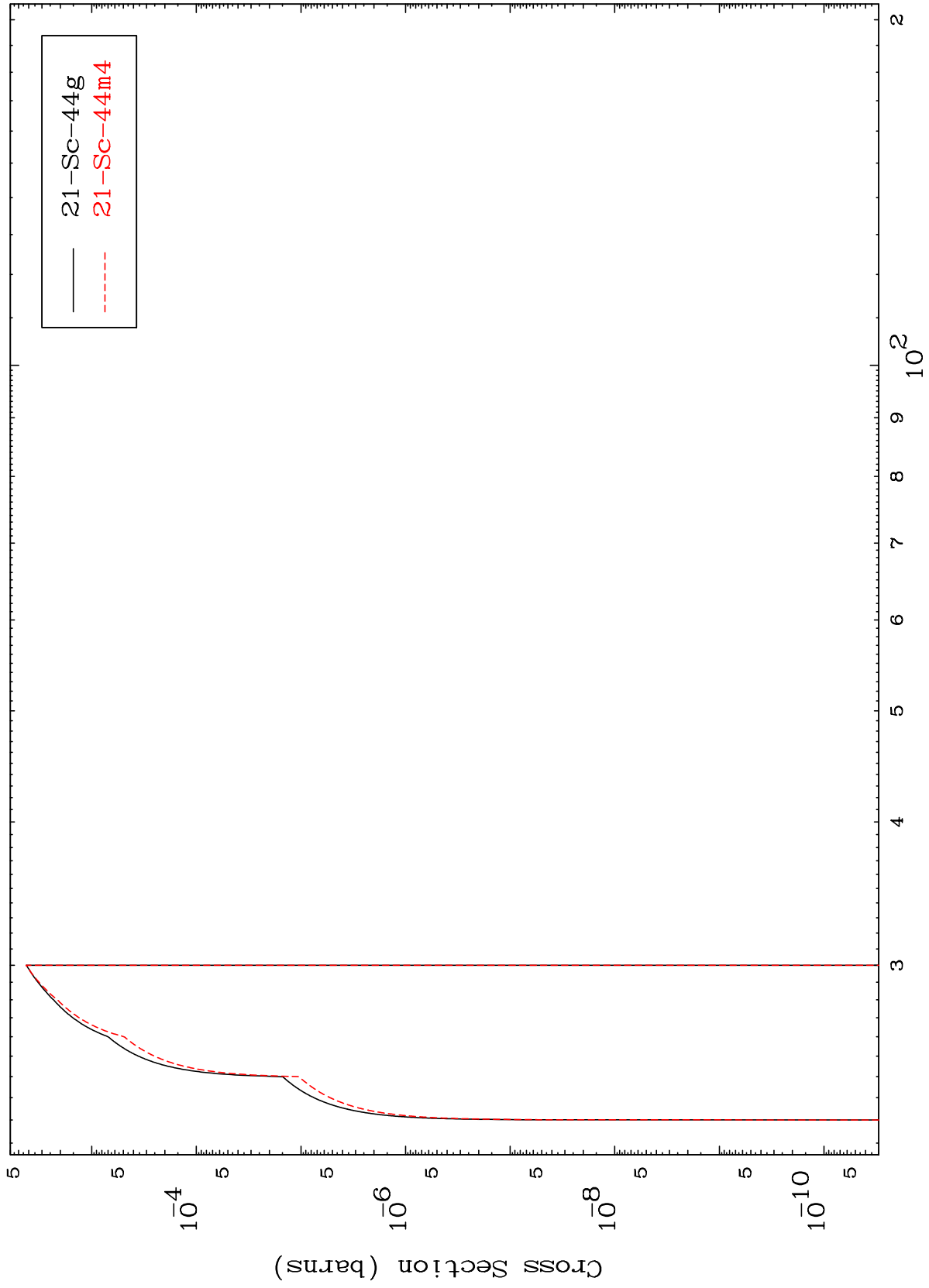
20-Ca-43

MAT 2034

(n,n') d

20-Ca-43

Radionuclide Production Cross Section



13

Incident Energy (MeV)

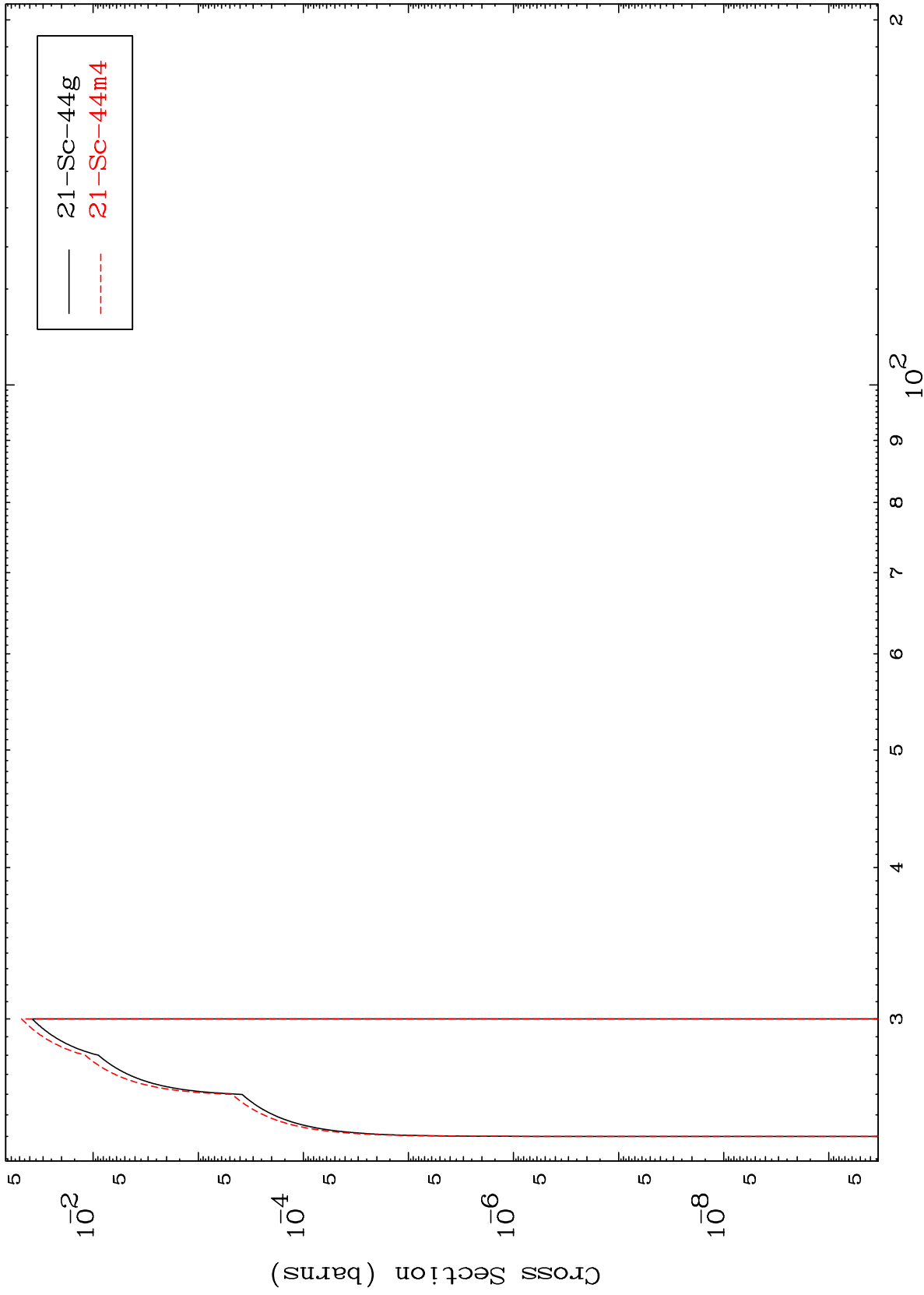
20-Ca-43

MAT 2034

(n,2n) p

²⁰Ca-43

Radionuclide Production Cross Section



14

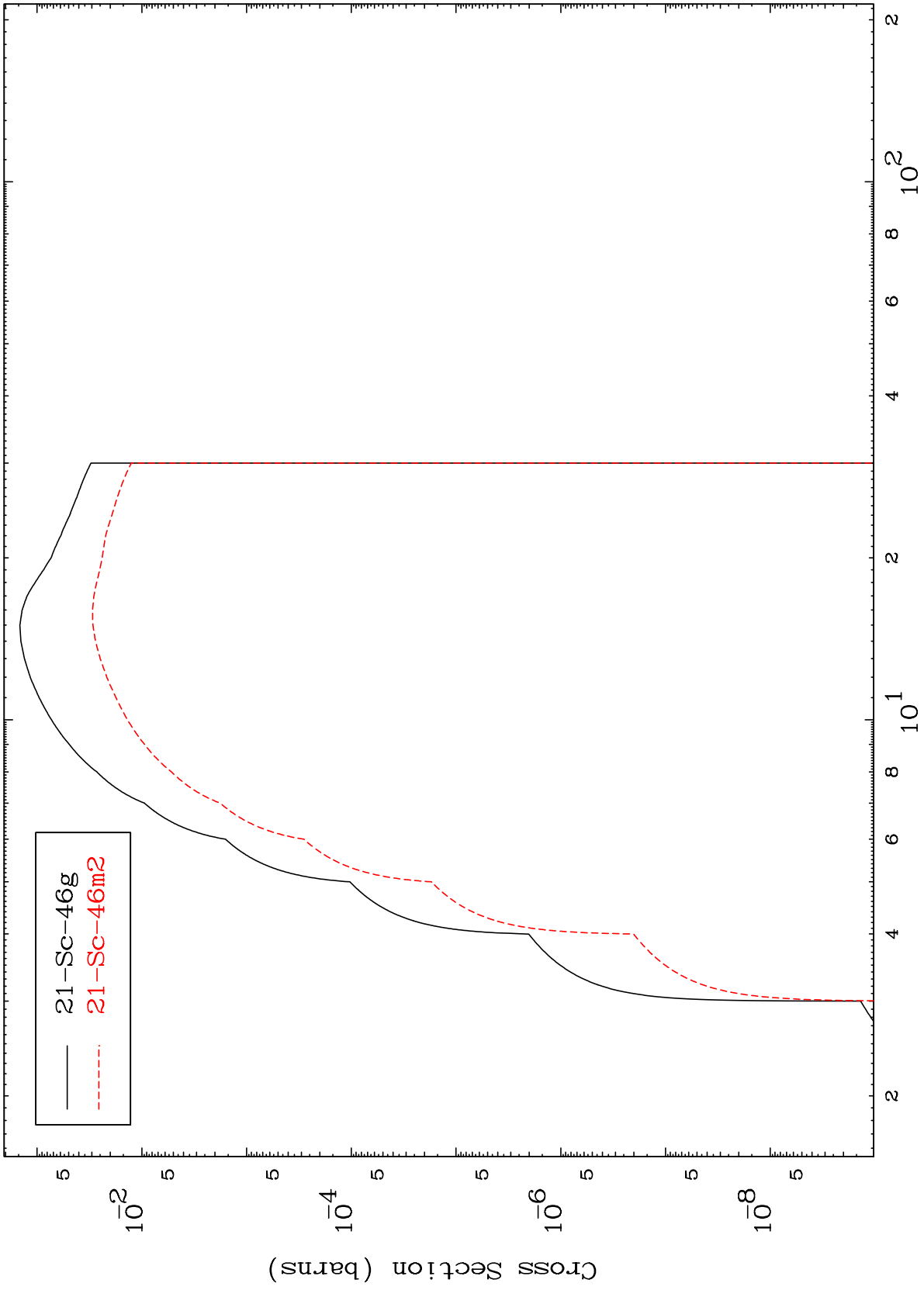
Incident Energy (MeV)

²⁰Ca-43

MAT 2034

Radionuclide Production Cross Section
(n,p)

20-Ca-43



15

Incident Energy (MeV)

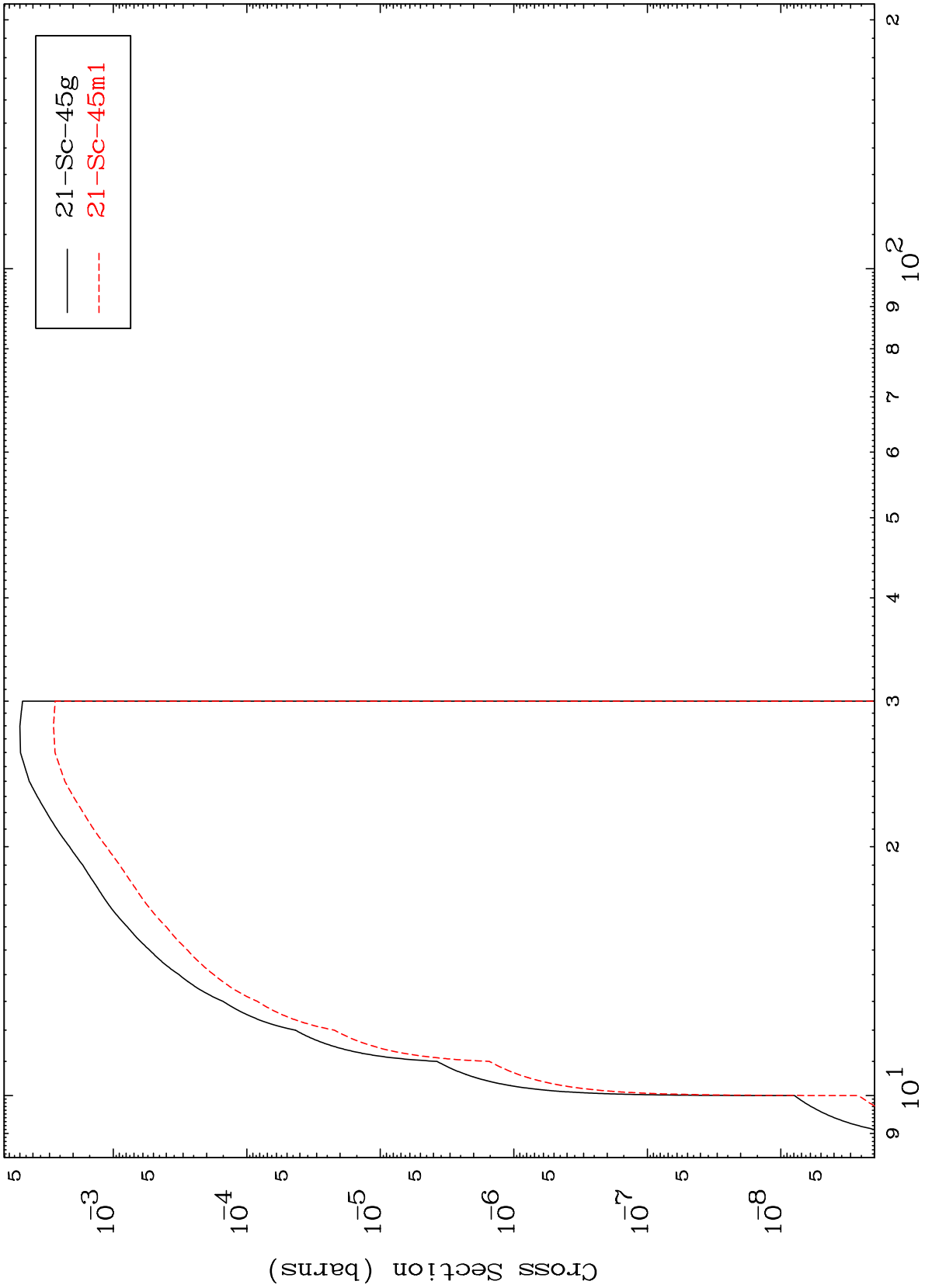
20-Ca-43

MAT 2034

(n,d)

20-Ca-43

Radionuclide Production Cross Section



16

Incident Energy (MeV)

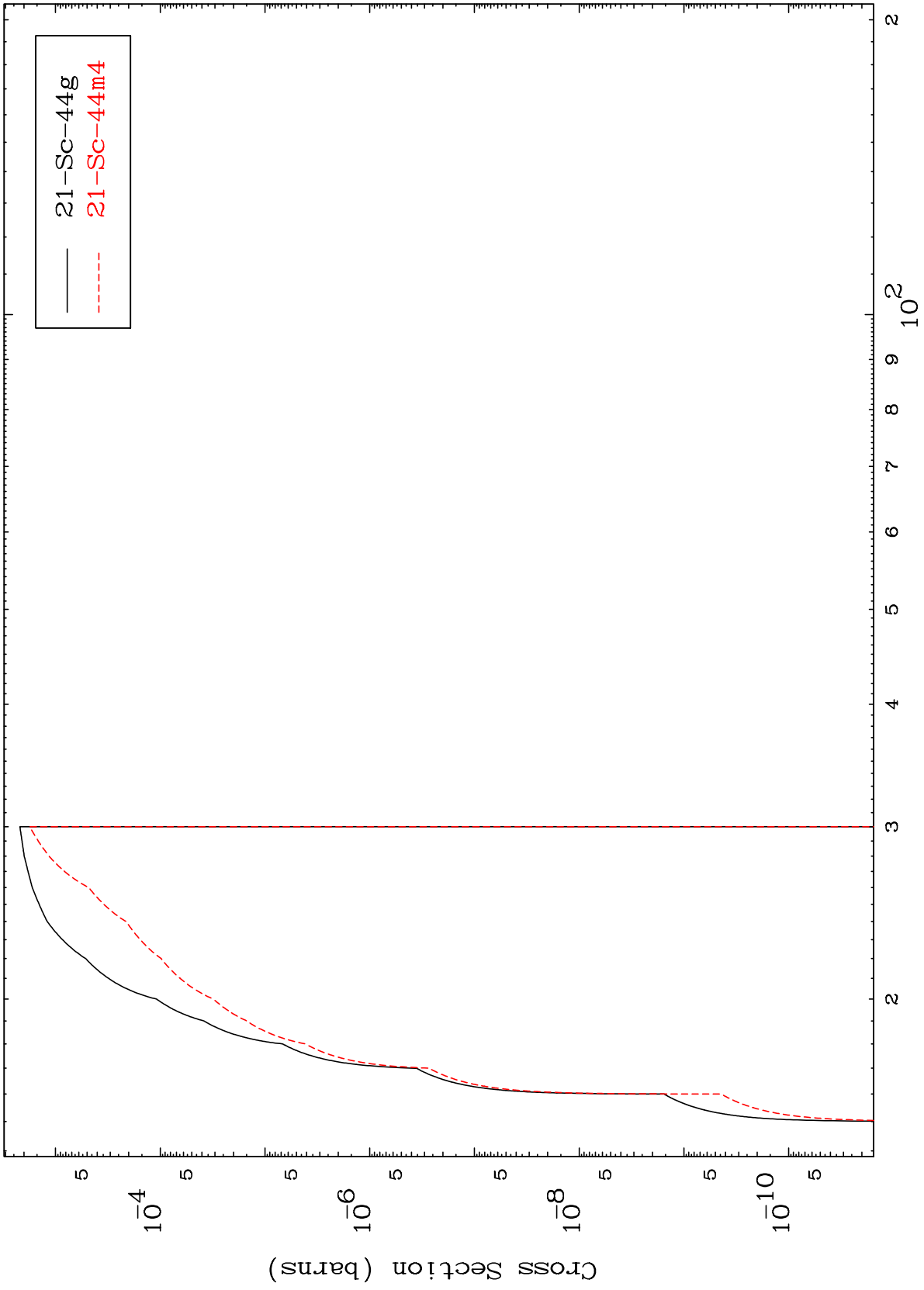
20-Ca-43

MAT 2034

(n, t)

²⁰Ca-43

Radionuclide Production Cross Section



17

Incident Energy (MeV)

²⁰Ca-43