

Program EVALPLOT
(Version 2021-1)

by

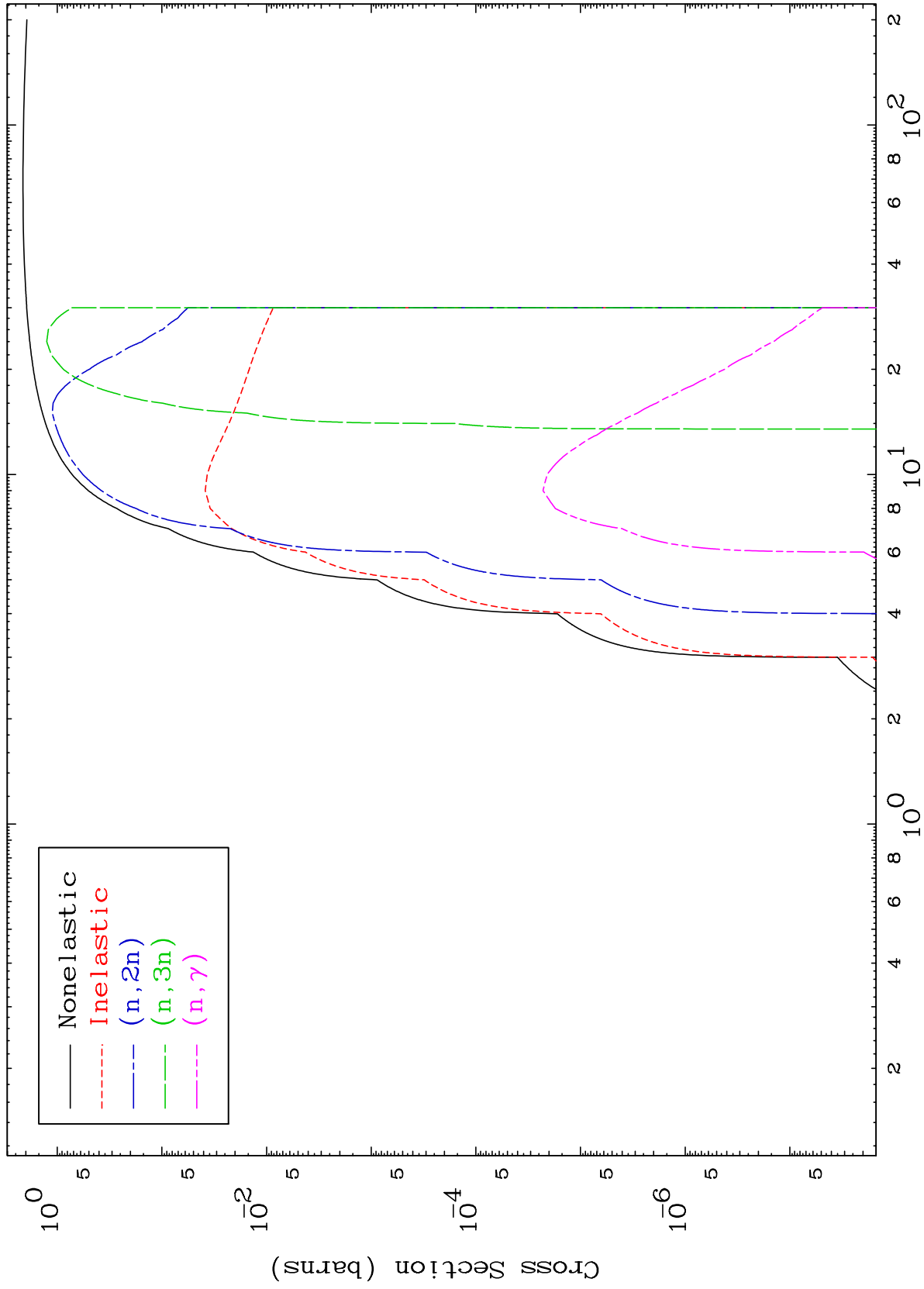
Dermott E. Cullen
(Present Contact Information)

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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

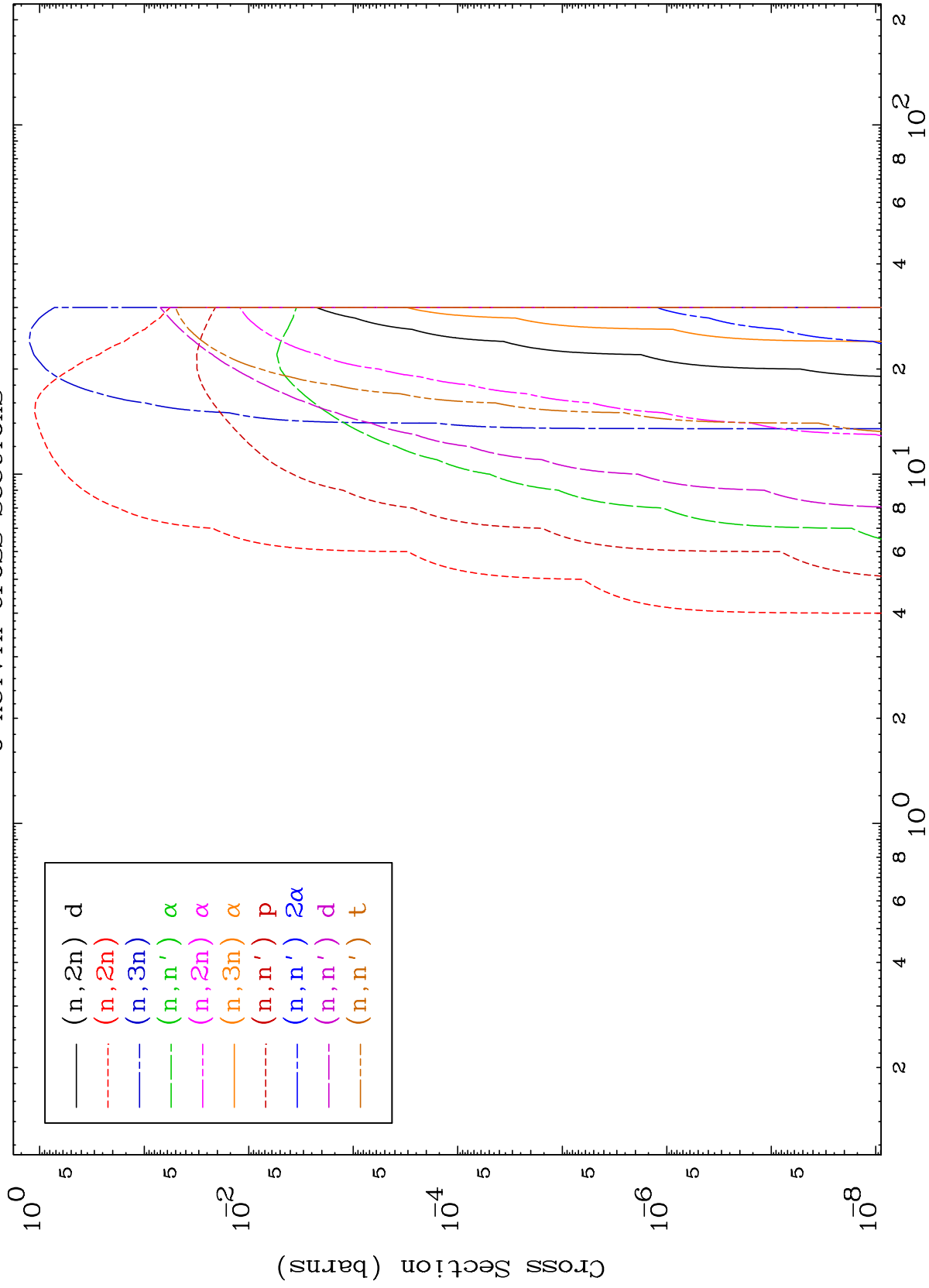
Press Mouse Button to Start



MAT 5437

Triton Neutron Absorption
0 Kelvin Cross Sections

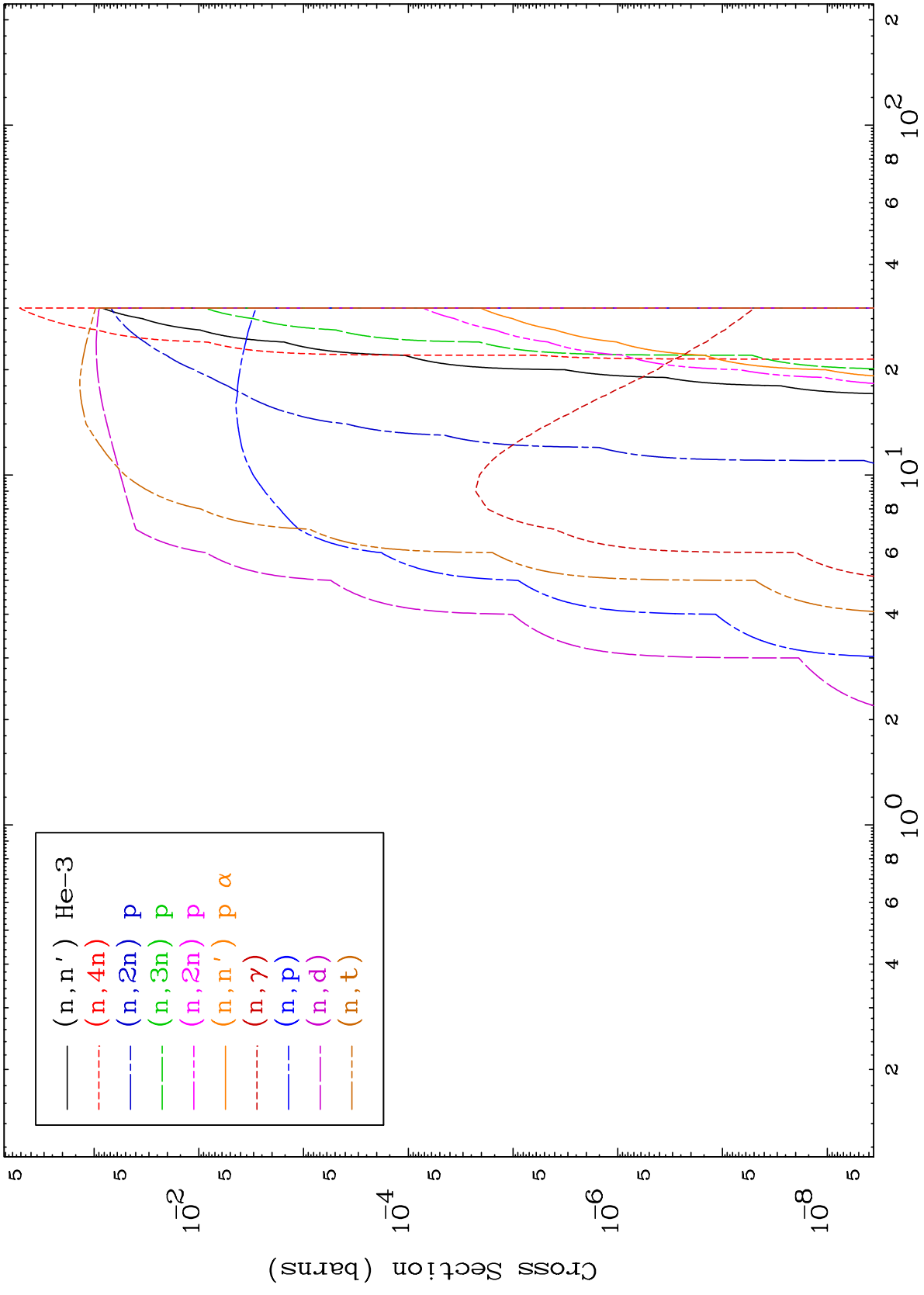
54-Xe-128

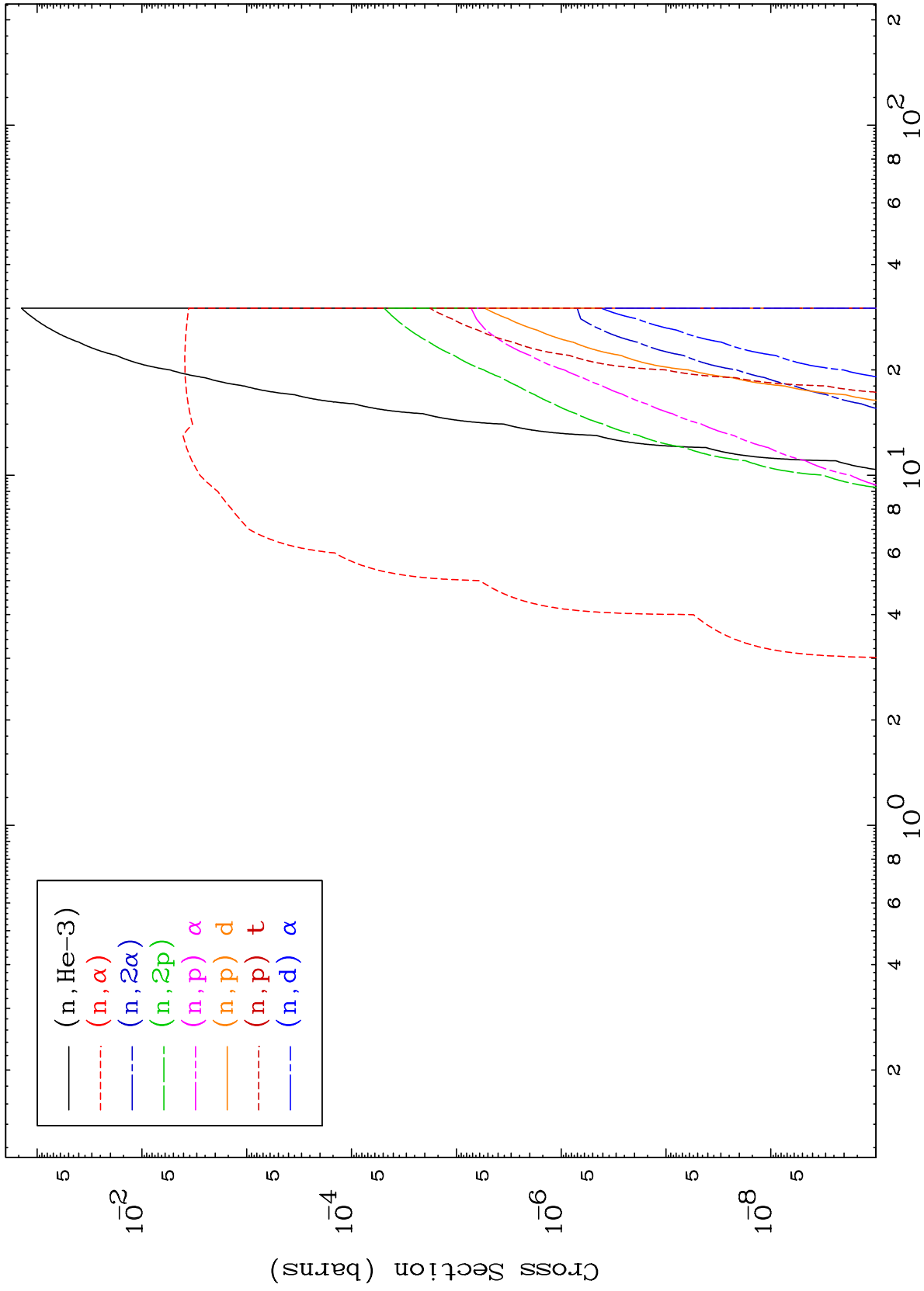


2

Incident Energy (MeV)

54-Xe-128

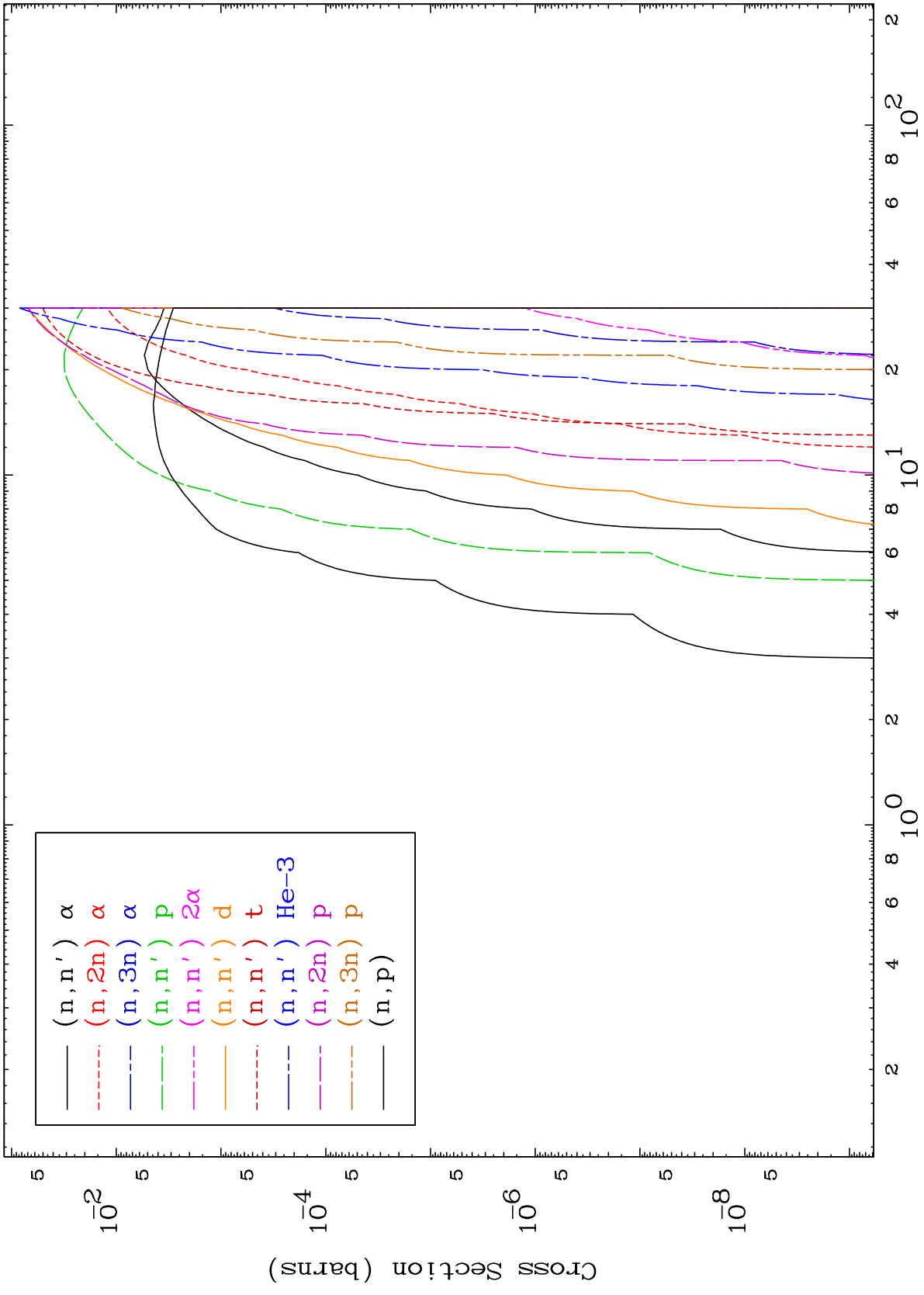




MAT 5437

Triton Charged Particle
0 Kelvin Cross Sections

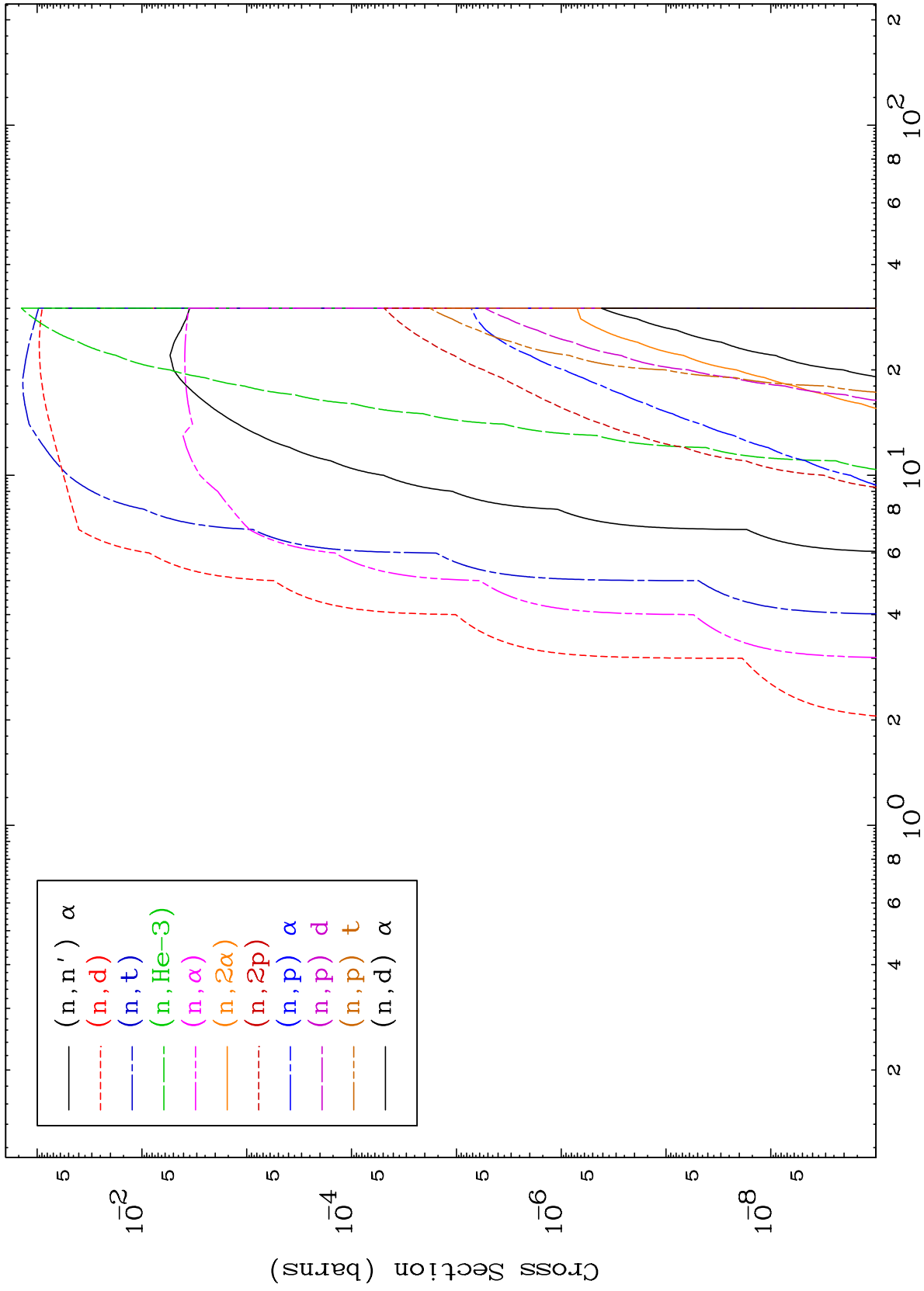
54-Xe-128



MAT 5437

Triton Charged Particle
0 Kelvin Cross Sections

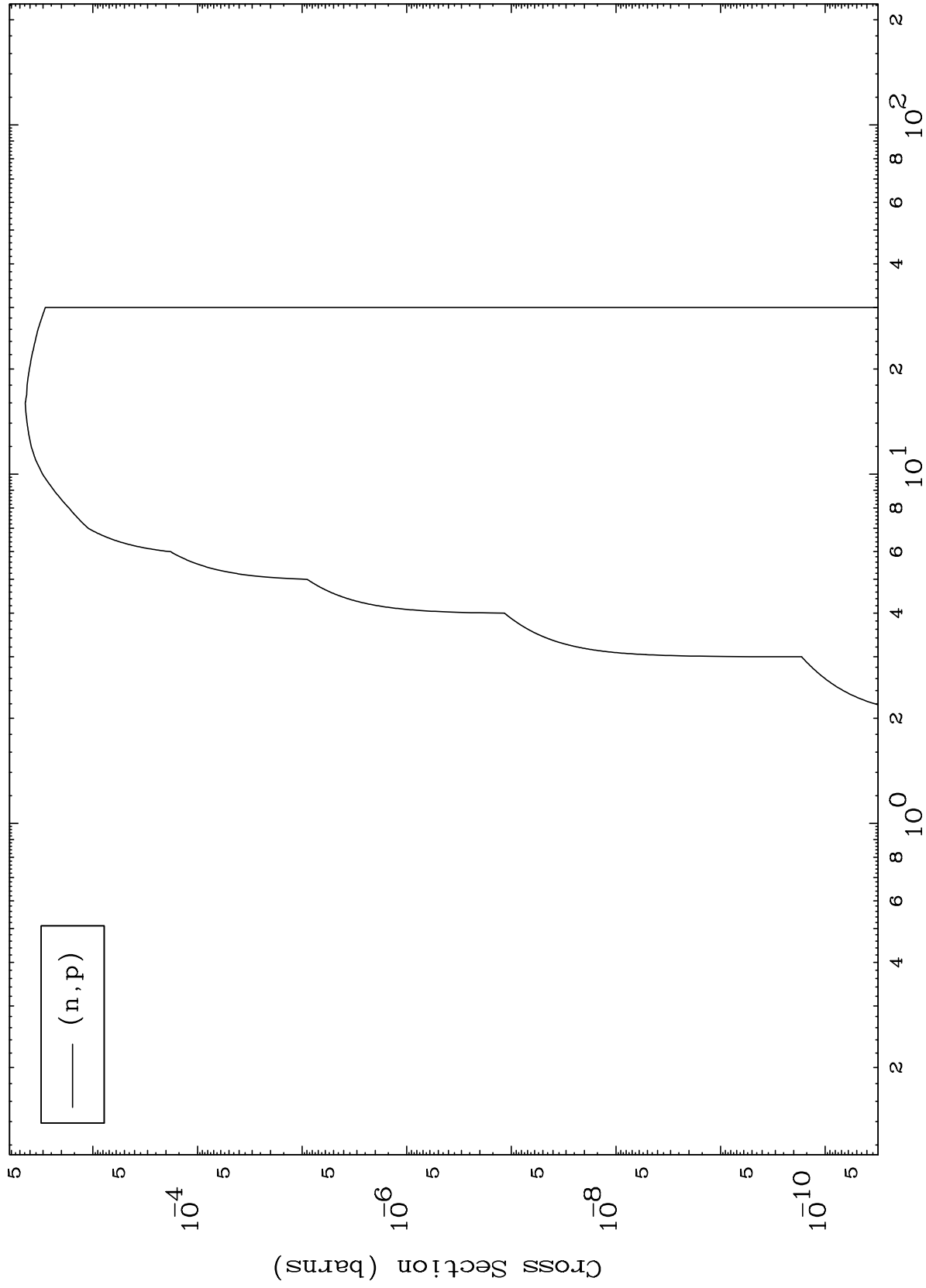
54-Xe-128



MAT 5437

(t,p) Levels
0 Kelvin Cross Sections

54-Xe-128



7

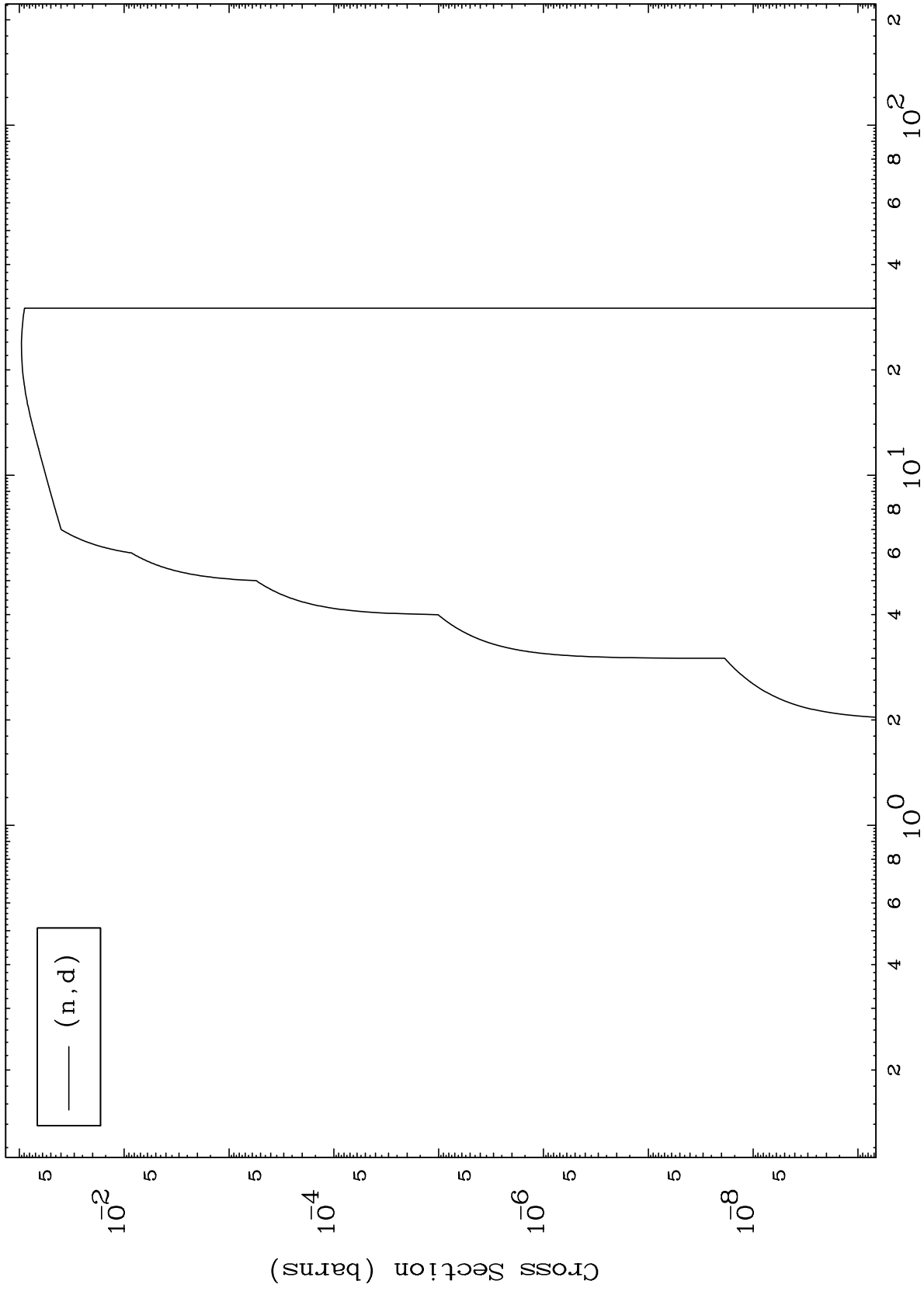
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,d) Levels
0 Kelvin Cross Sections

54-Xe-128



8

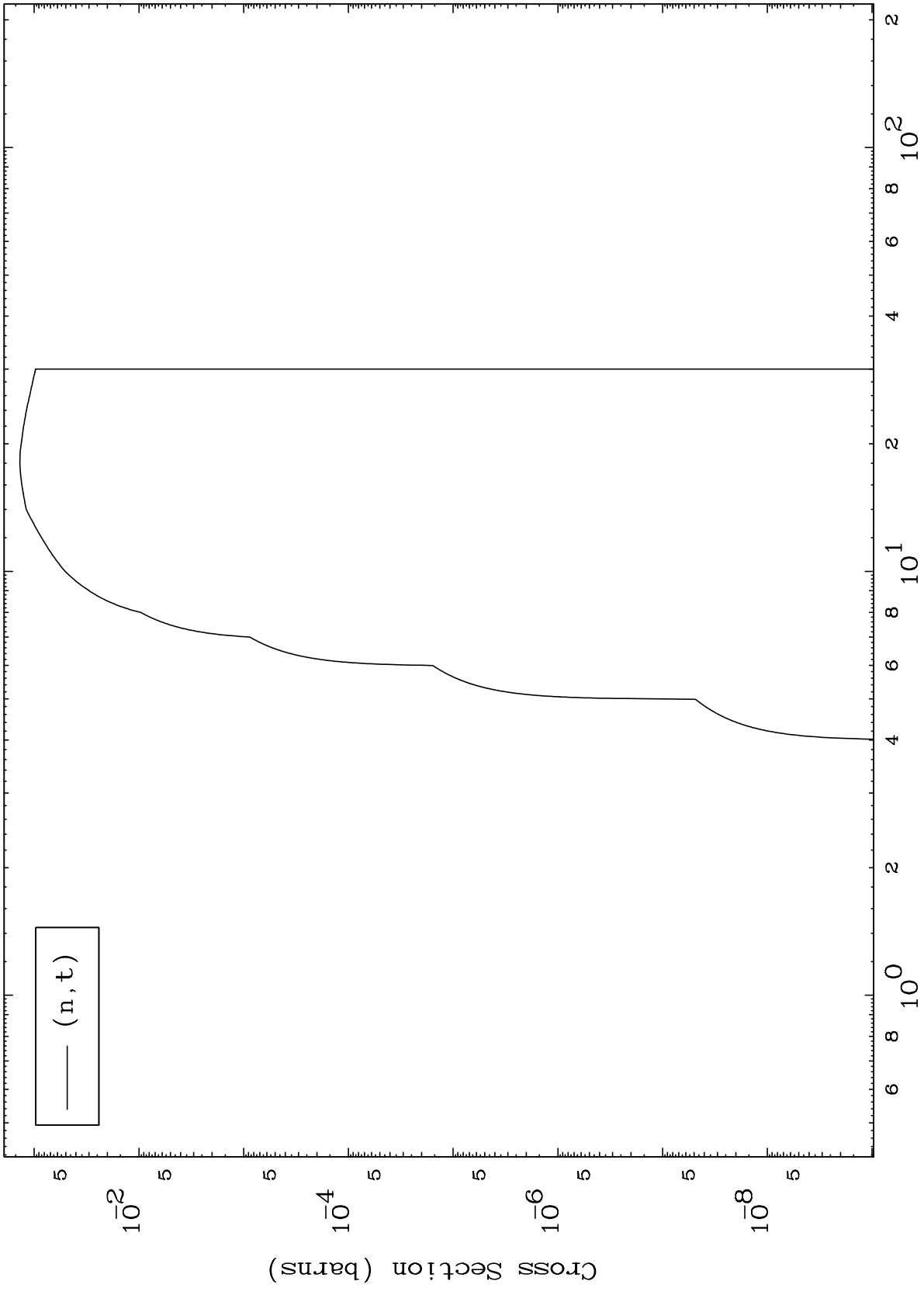
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t,t) Levels
0 Kelvin Cross Sections

54-Xe-128

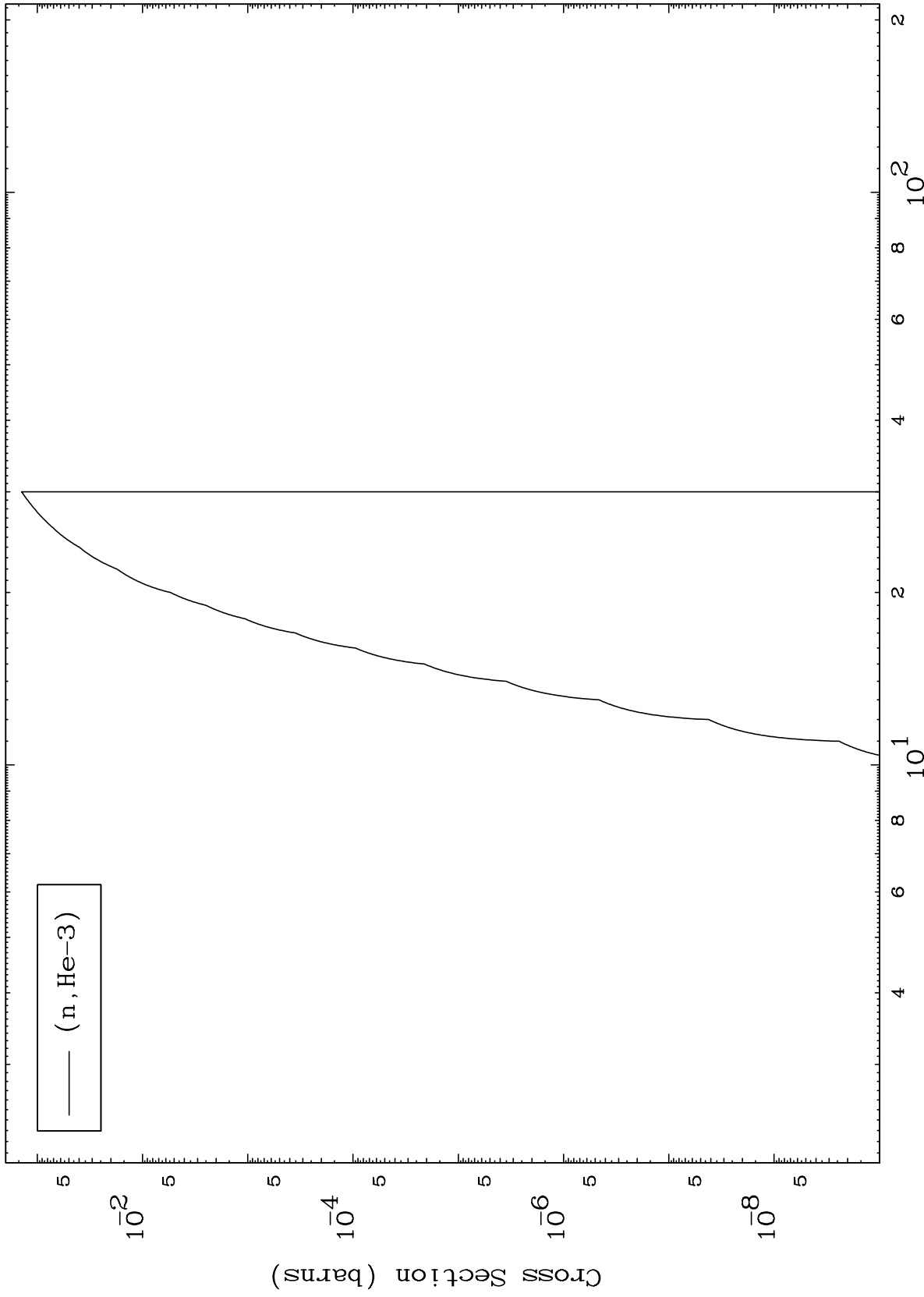


54-Xe-128

MAT 5437

(t,He3) Levels
0 Kelvin Cross Sections

54-Xe-128



10

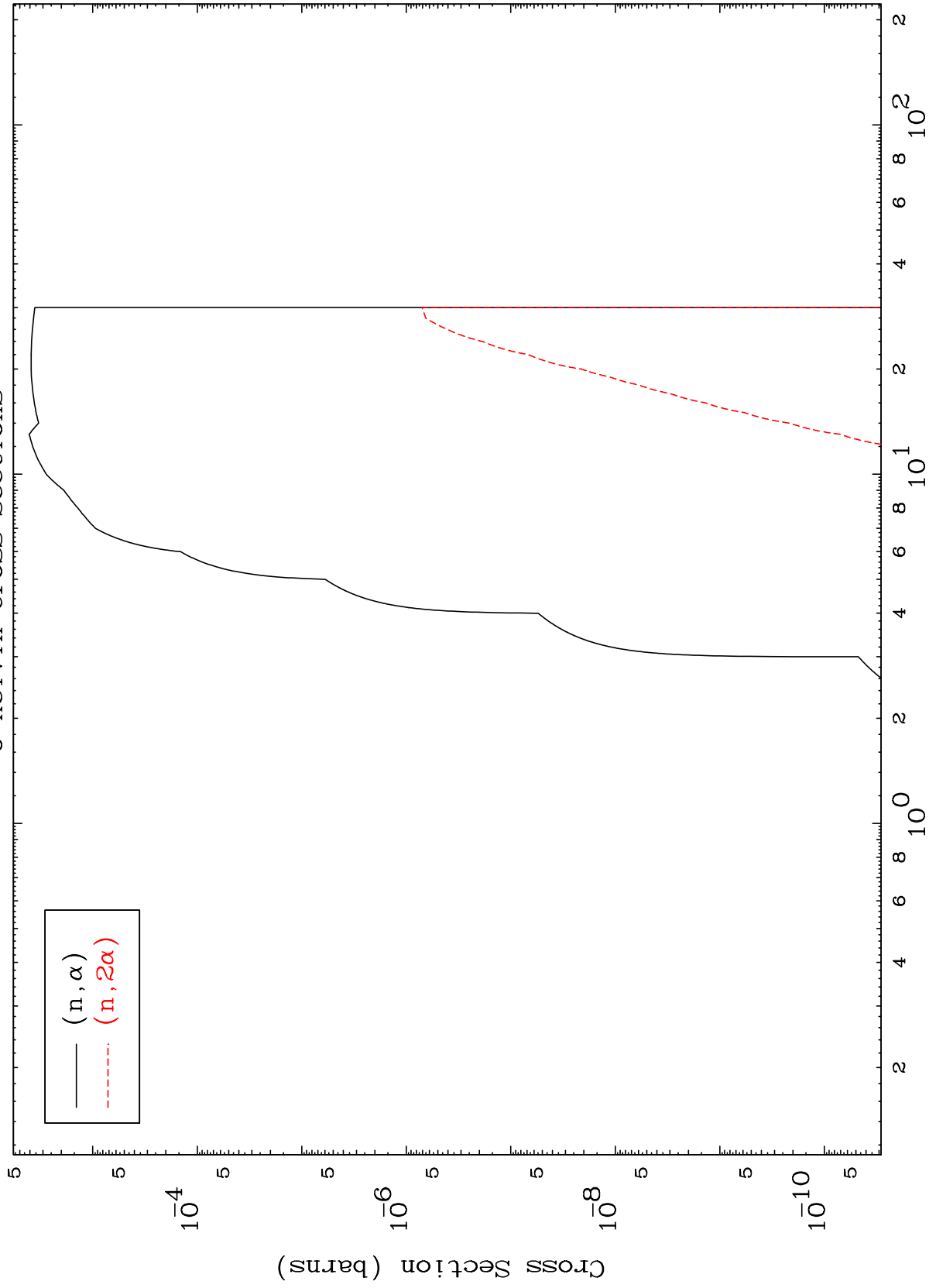
Incident Energy (MeV)

54-Xe-128

MAT 5437

(t, α) Levels
0 Kelvin Cross Sections

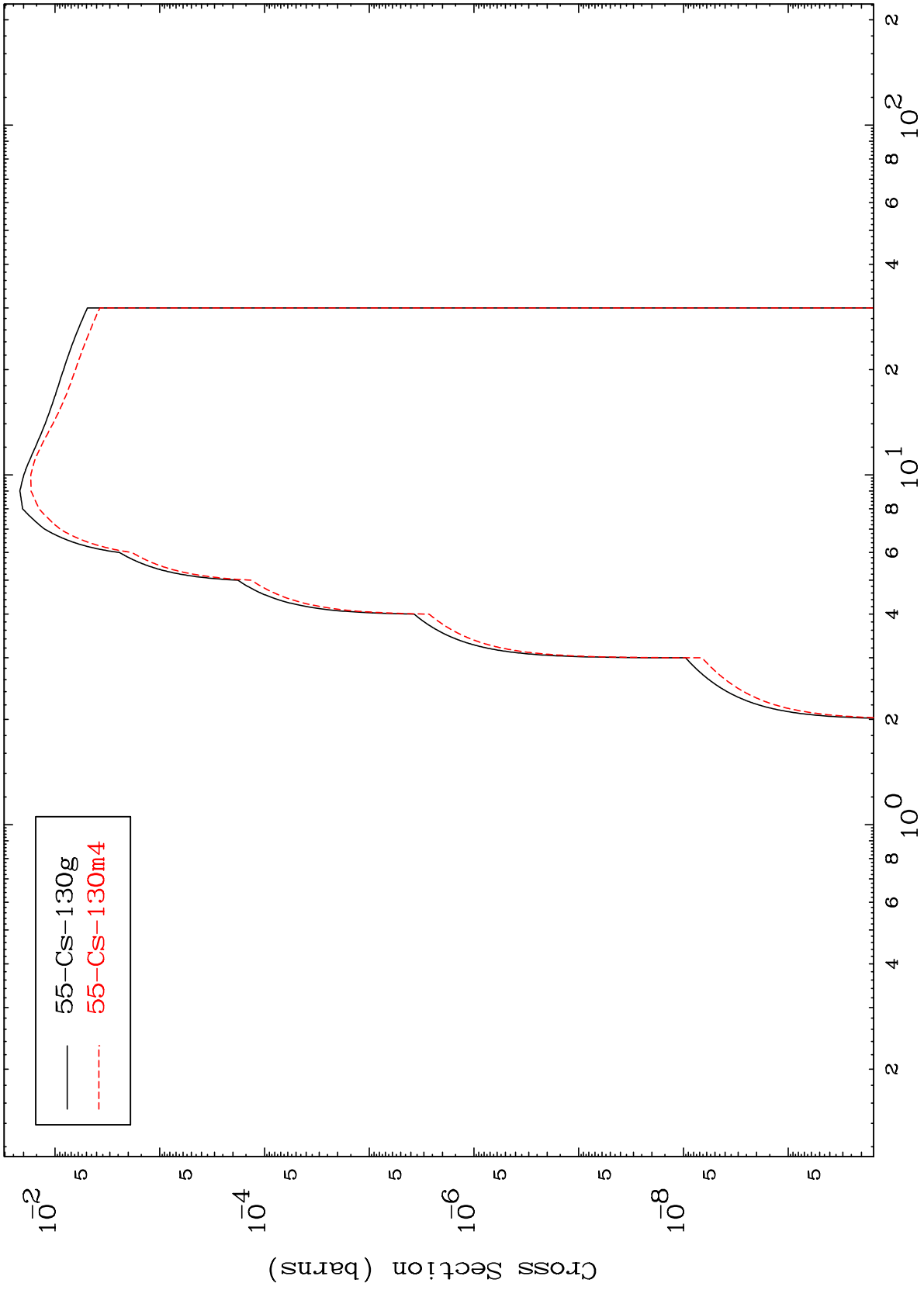
54-Xe-128



MAT 5437

Inelastic
Radionuclide Production Cross Section

54-Xe-128



12

Incident Energy (MeV)

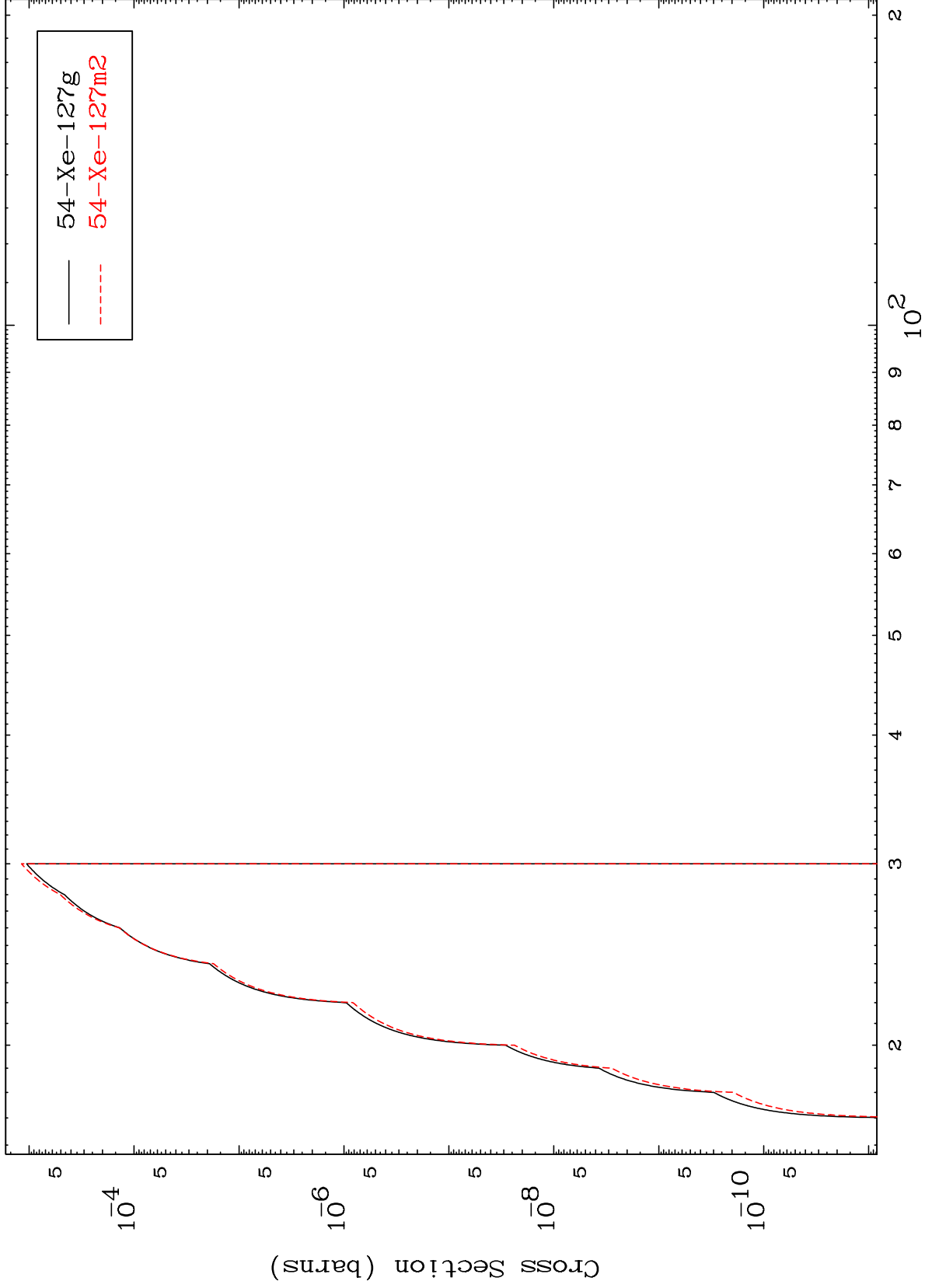
54-Xe-128

MAT 5437

(n,2n) d

54-Xe-128

Radionuclide Production Cross Section



13

Incident Energy (MeV)

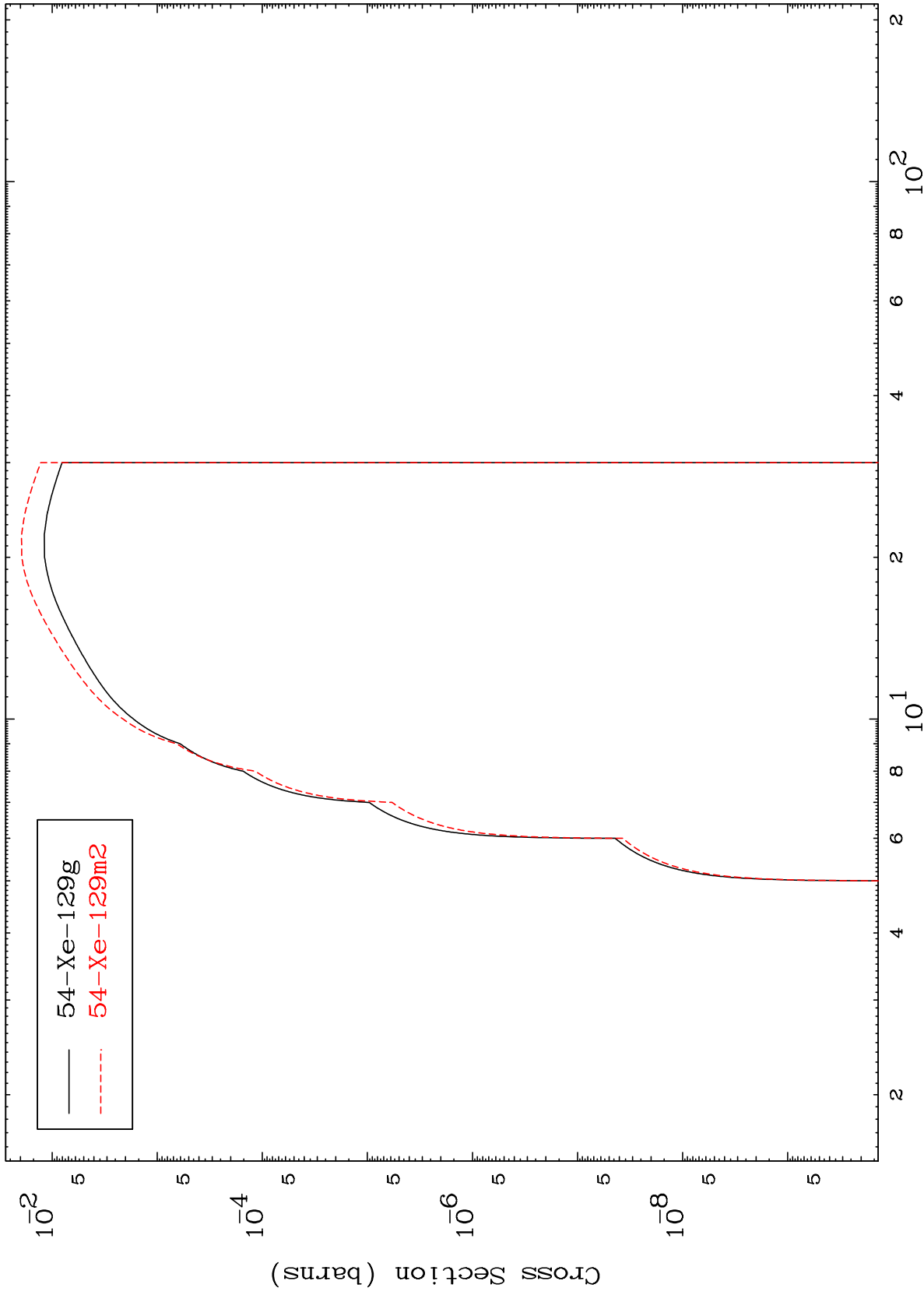
54-Xe-128

MAT 5437

(n,n') p

54-Xe-128

Radionuclide Production Cross Section



14

Incident Energy (MeV)

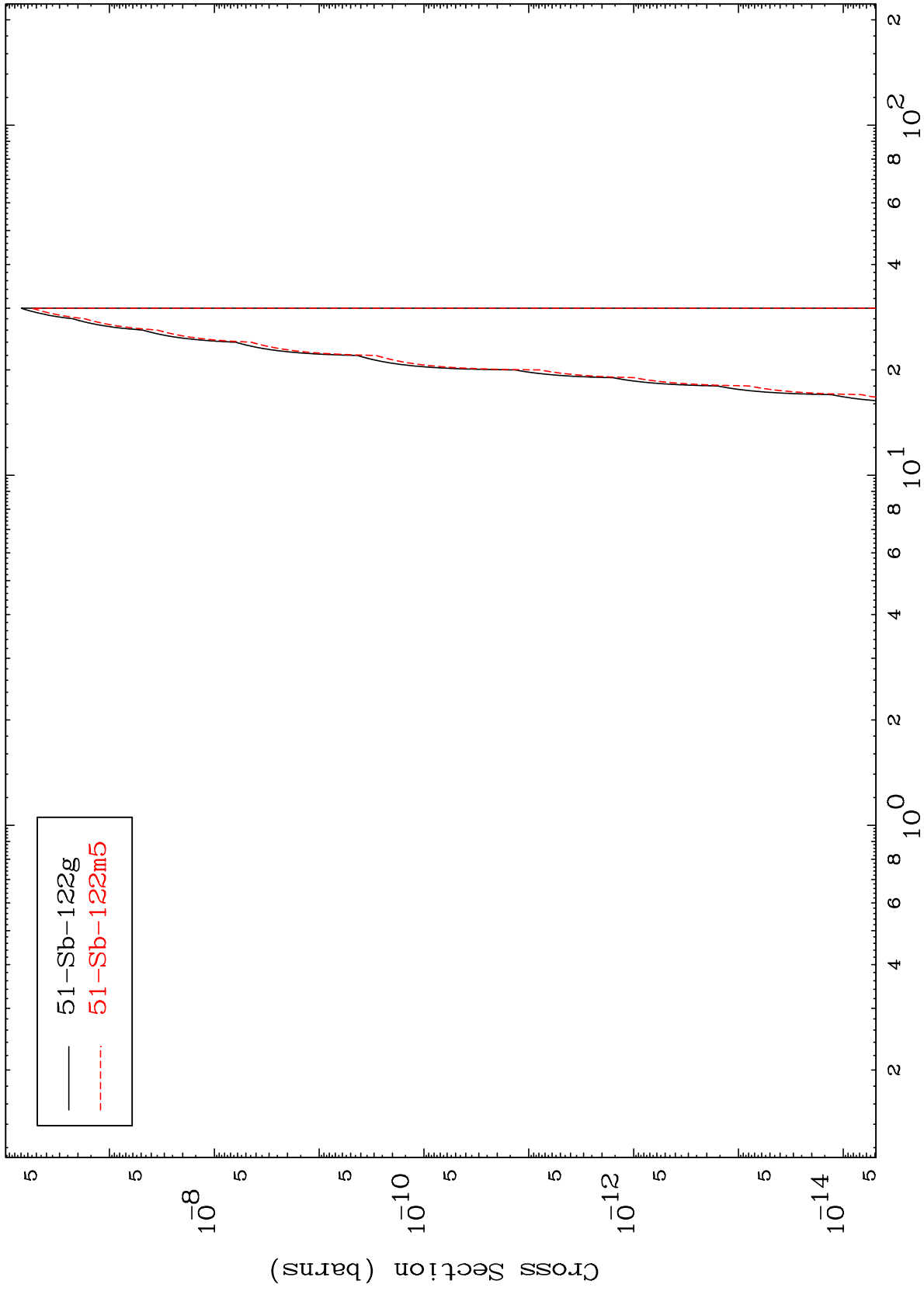
54-Xe-128

MAT 5437

(n,n') 2 α

54-Xe-128

Radionuclide Production Cross Section



15

Incident Energy (MeV)

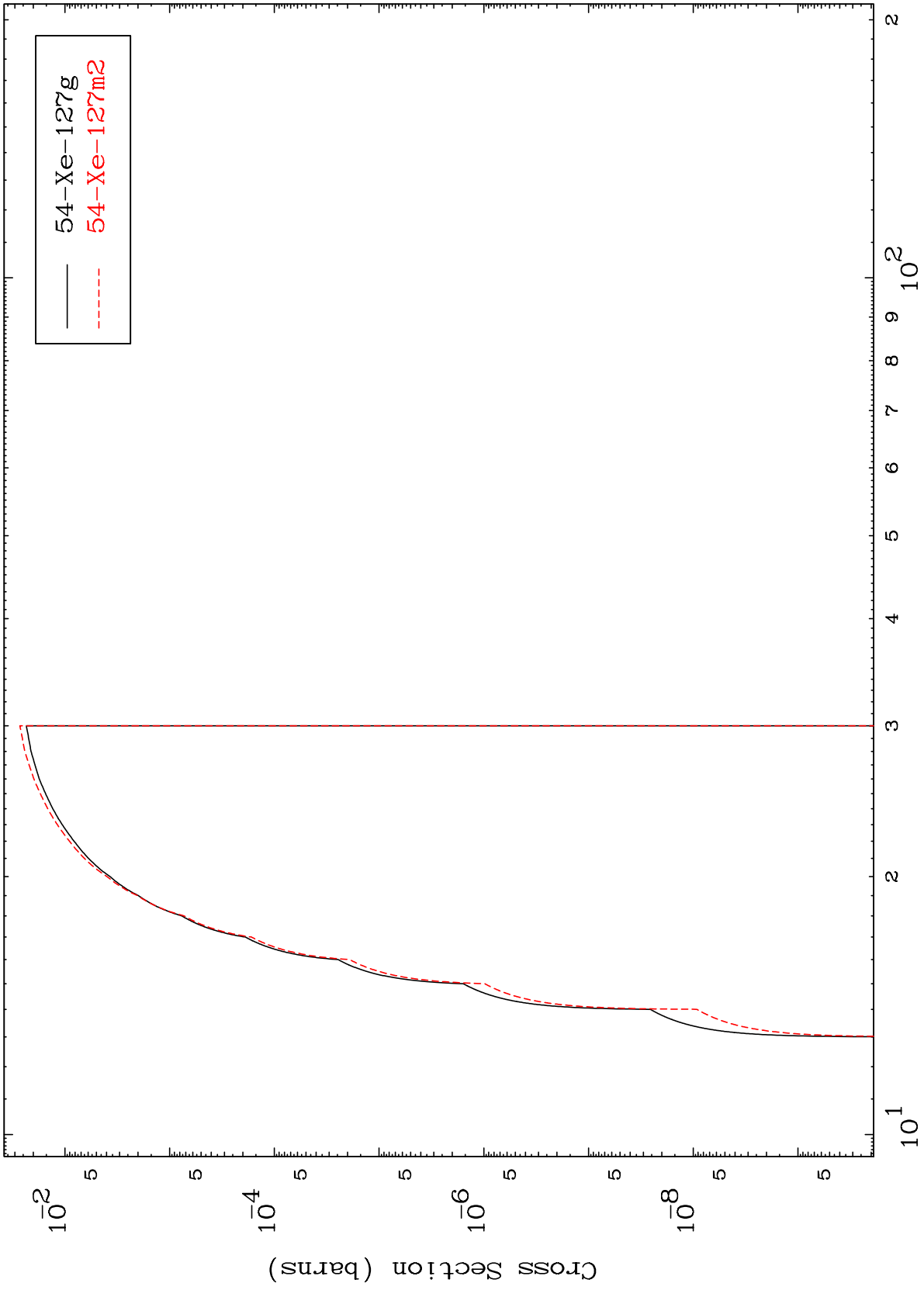
54-Xe-128

MAT 5437

(n,n') t

54-Xe-128

Radionuclide Production Cross Section



Incident Energy (MeV)

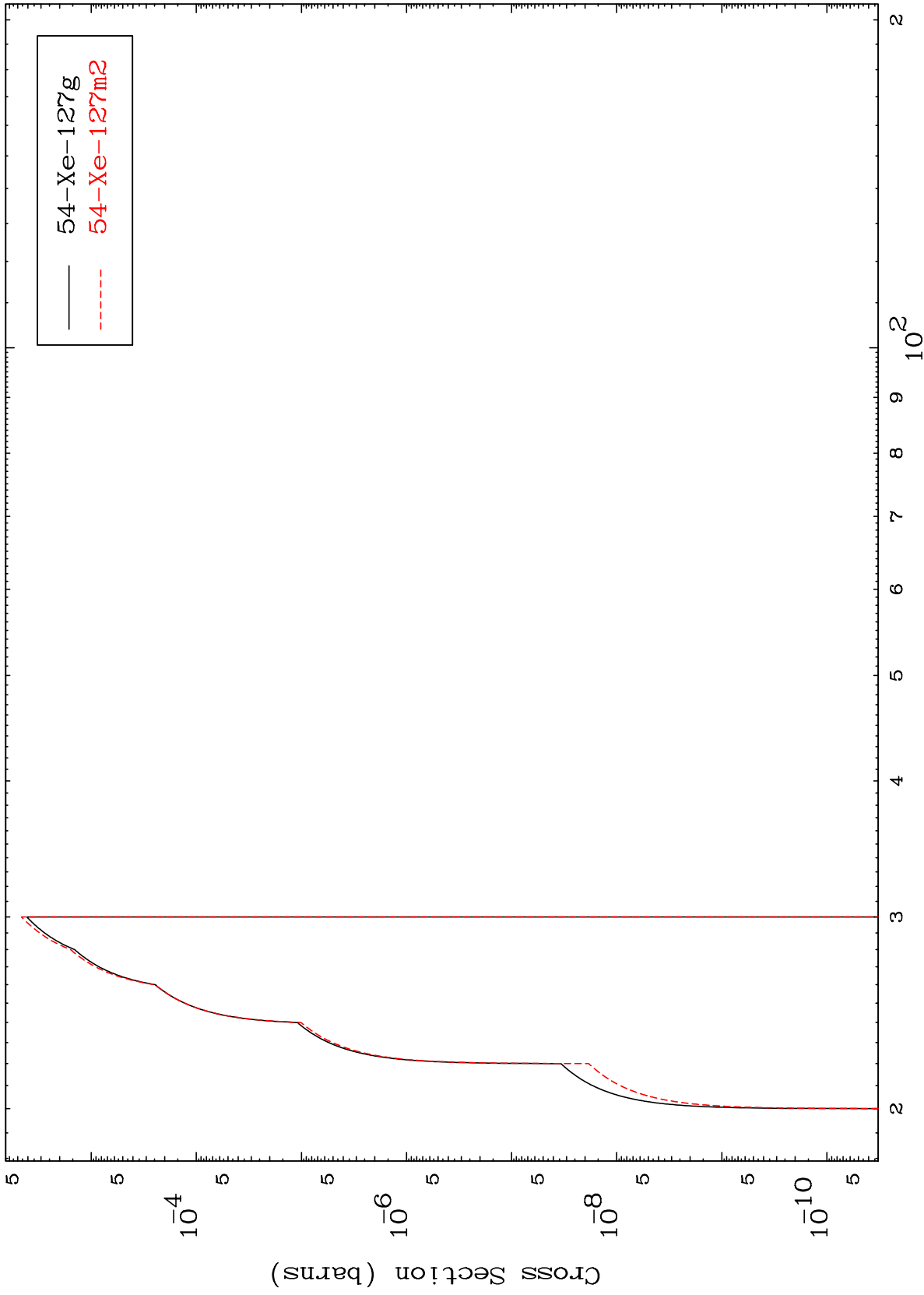
54-Xe-128

MAT 5437

(n,3n) p

54-Xe-128

Radionuclide Production Cross Section



17

Incident Energy (MeV)

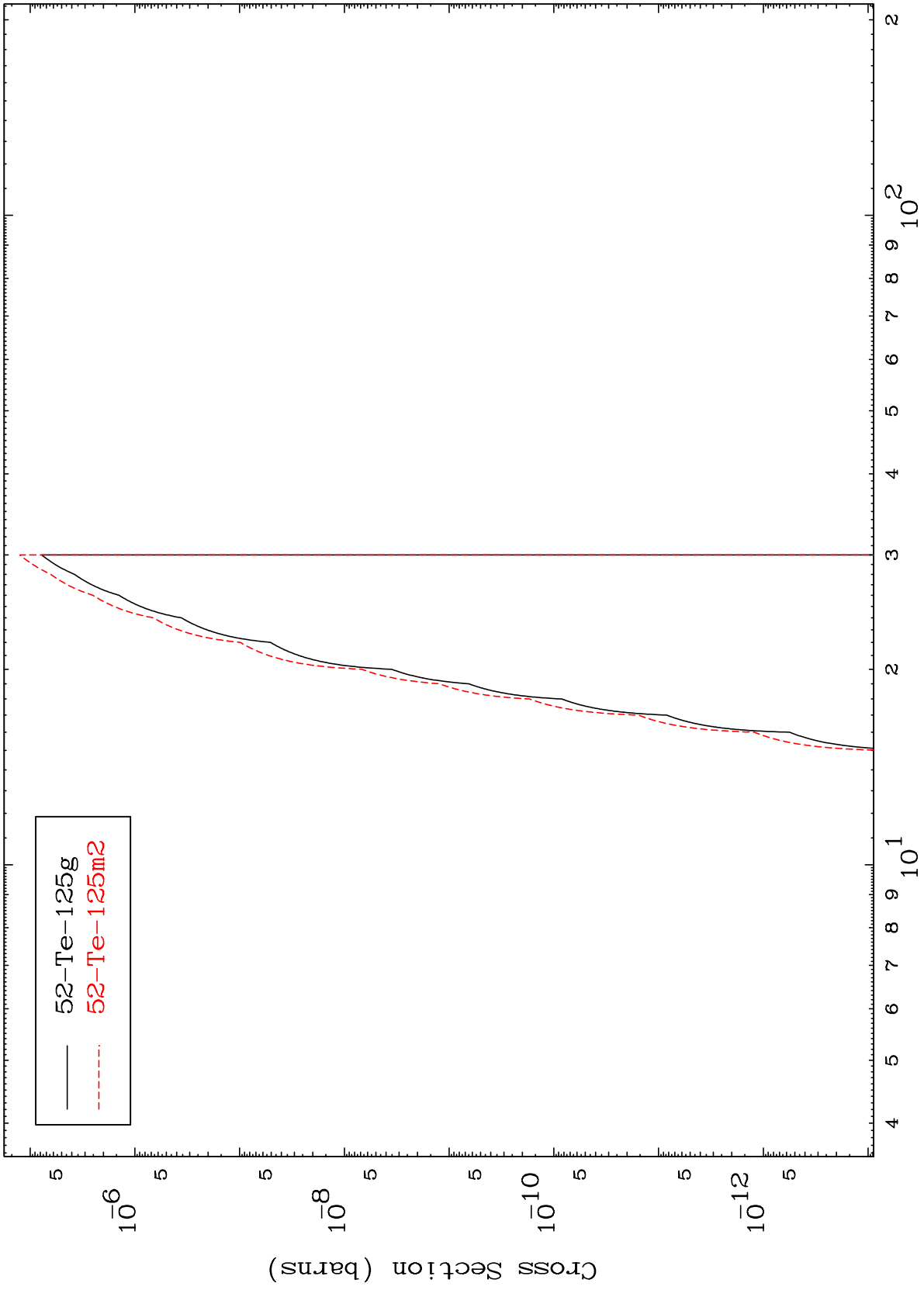
54-Xe-128

MAT 5437

(n,n') p α

54-Xe-128

Radionuclide Production Cross Section



52-Te-125g
52-Te-125m2

18

Incident Energy (MeV)

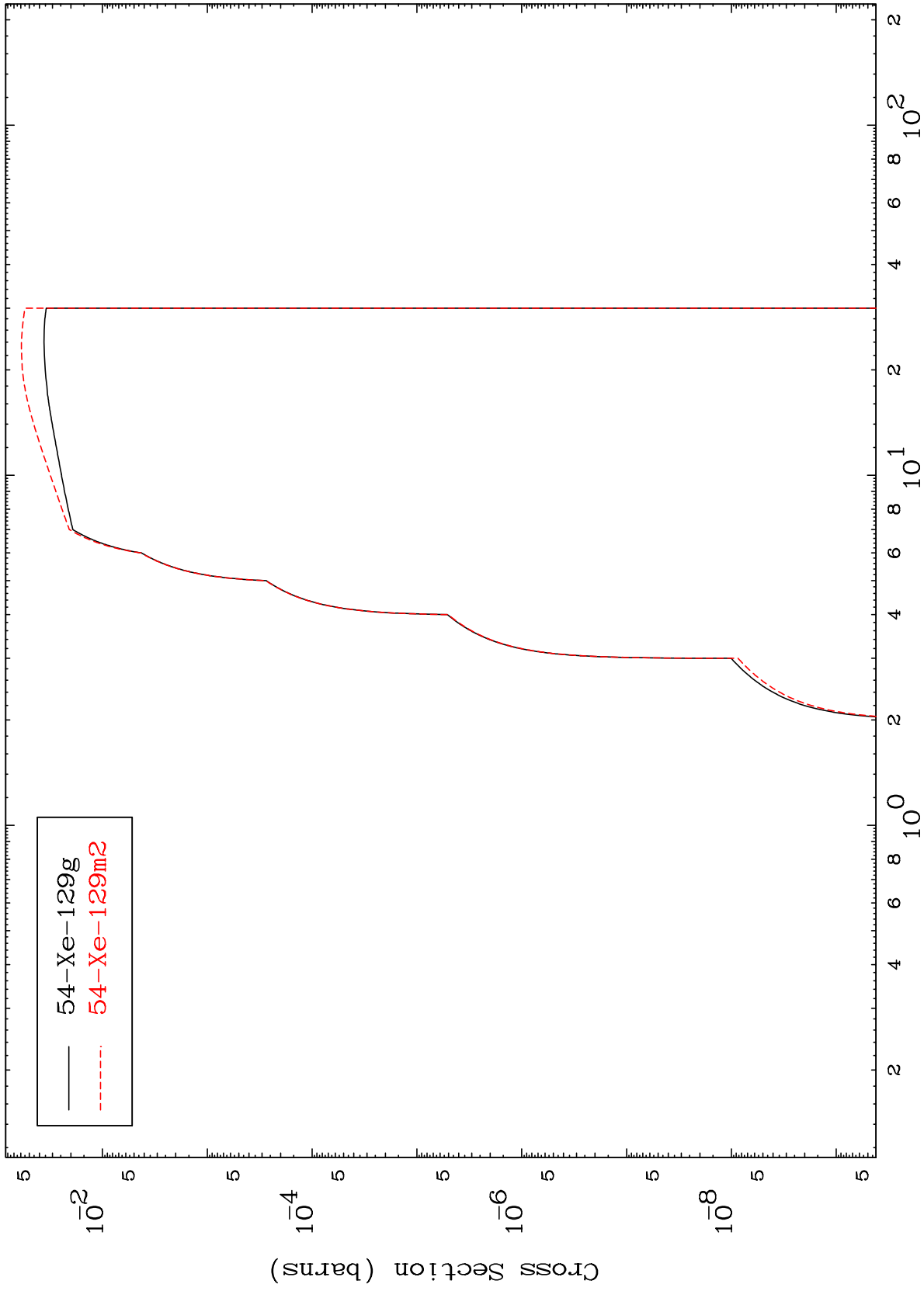
54-Xe-128

MAT 5437

(n,d)

54-Xe-128

Radionuclide Production Cross Section



19

Incident Energy (MeV)

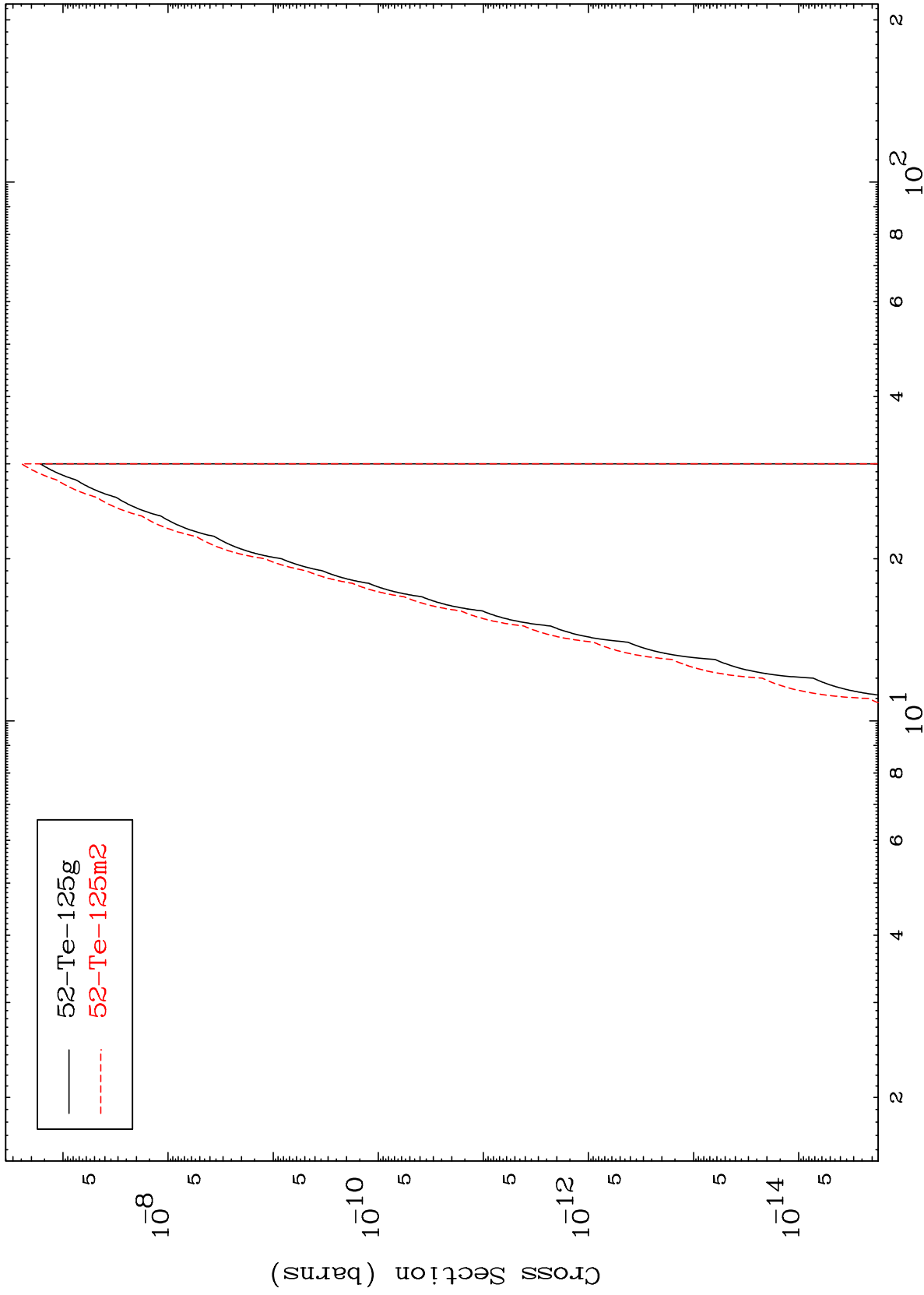
54-Xe-128

MAT 5437

(n,d) α

54-Xe-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-128