

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

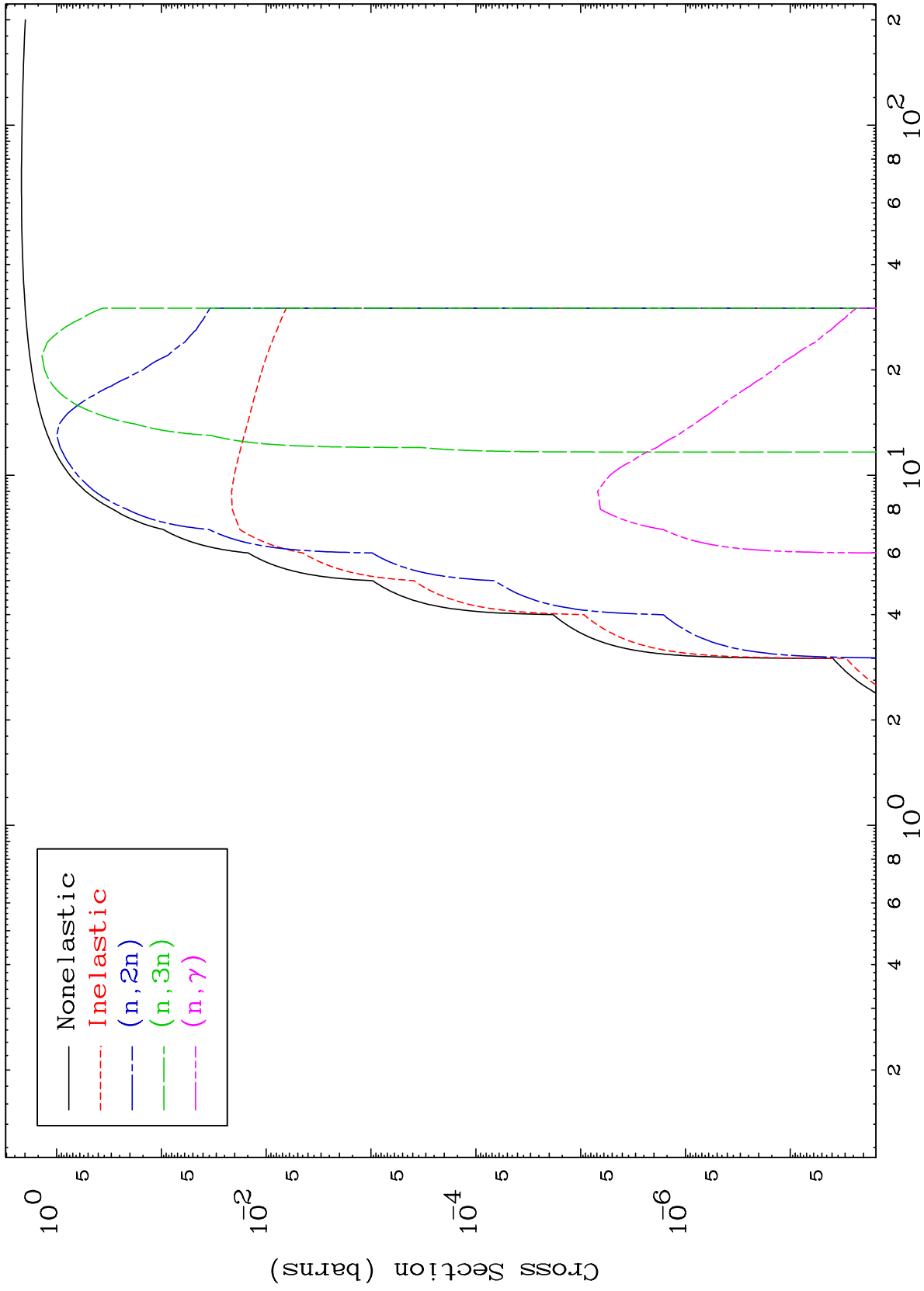
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

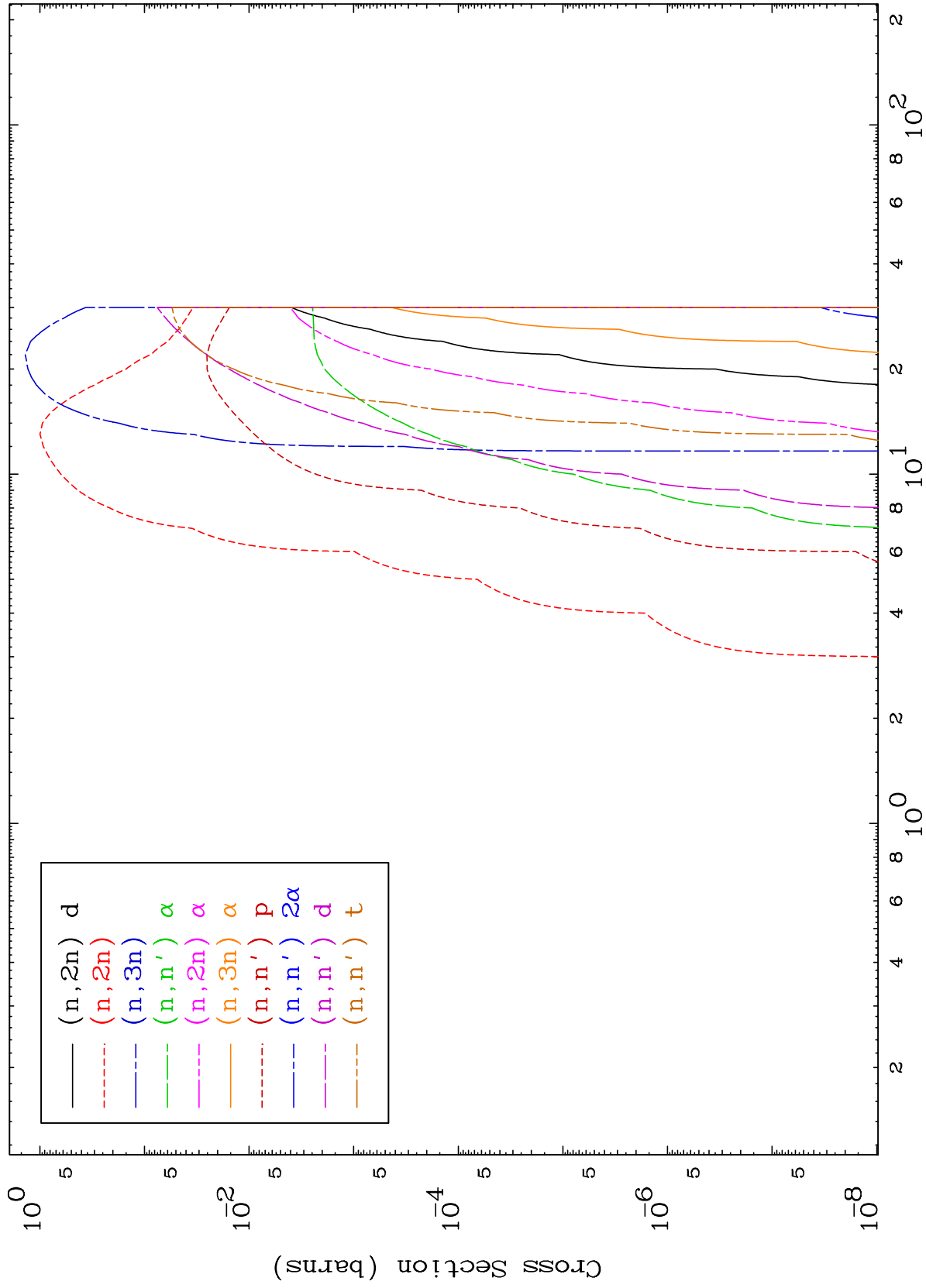
Press Mouse Button to Start



MAT 5449

Triton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-132



2

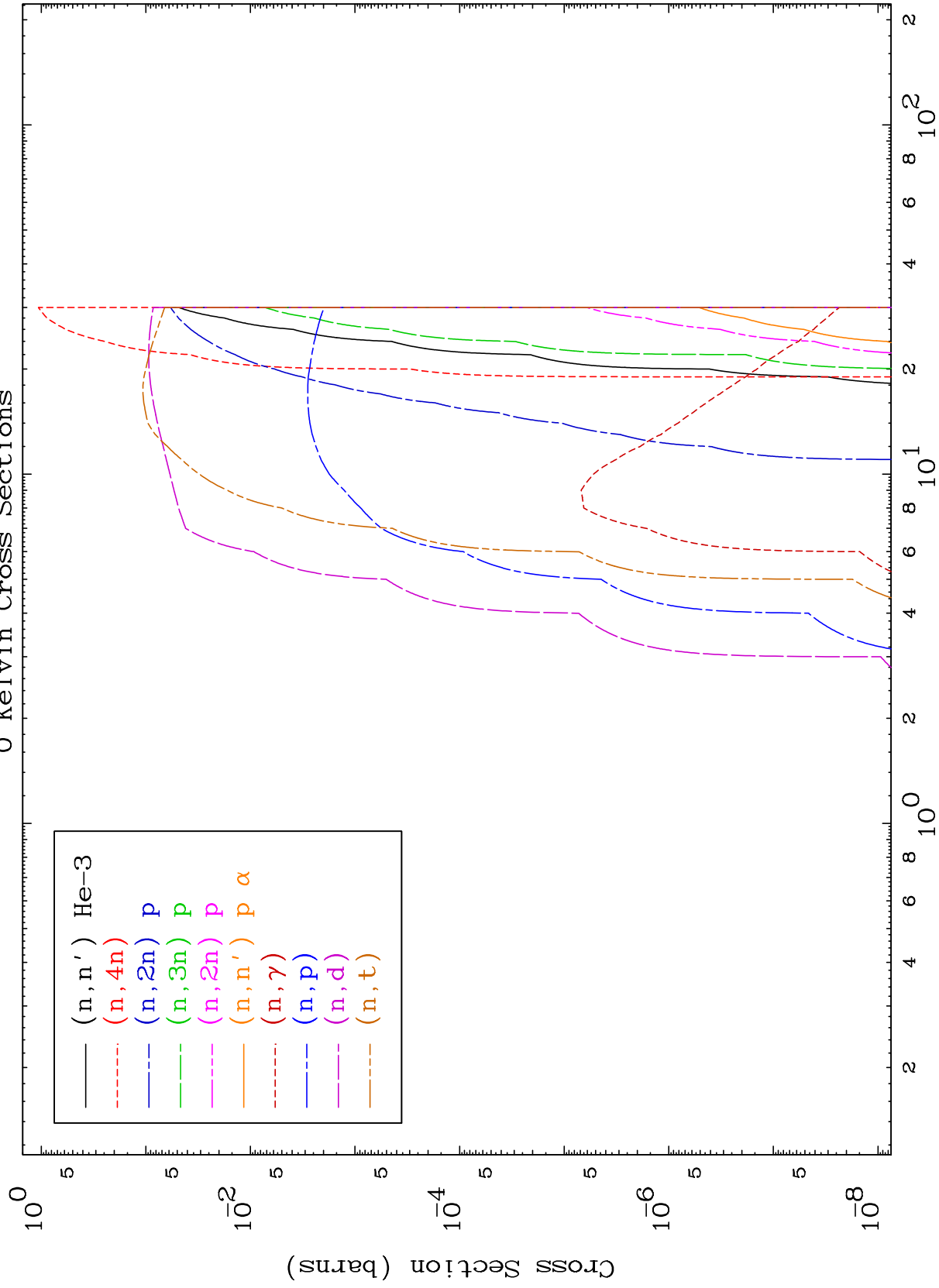
Incident Energy (MeV)

54-Xe-132

MAT 5449

Triton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-132



3

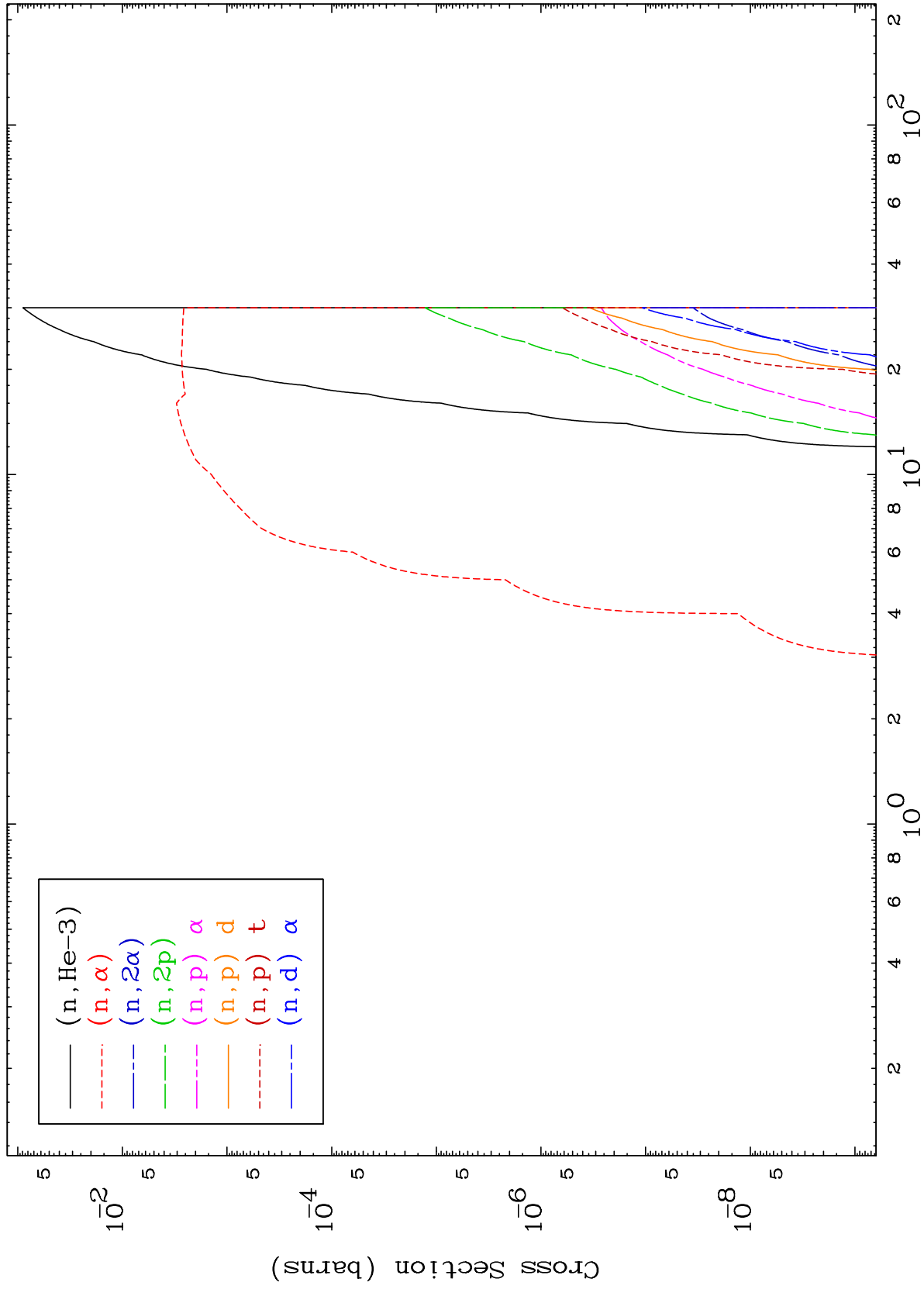
Incident Energy (MeV)

54-Xe-132

MAT 5449

Triton Neutron Absorption
0 Kelvin Cross Sections

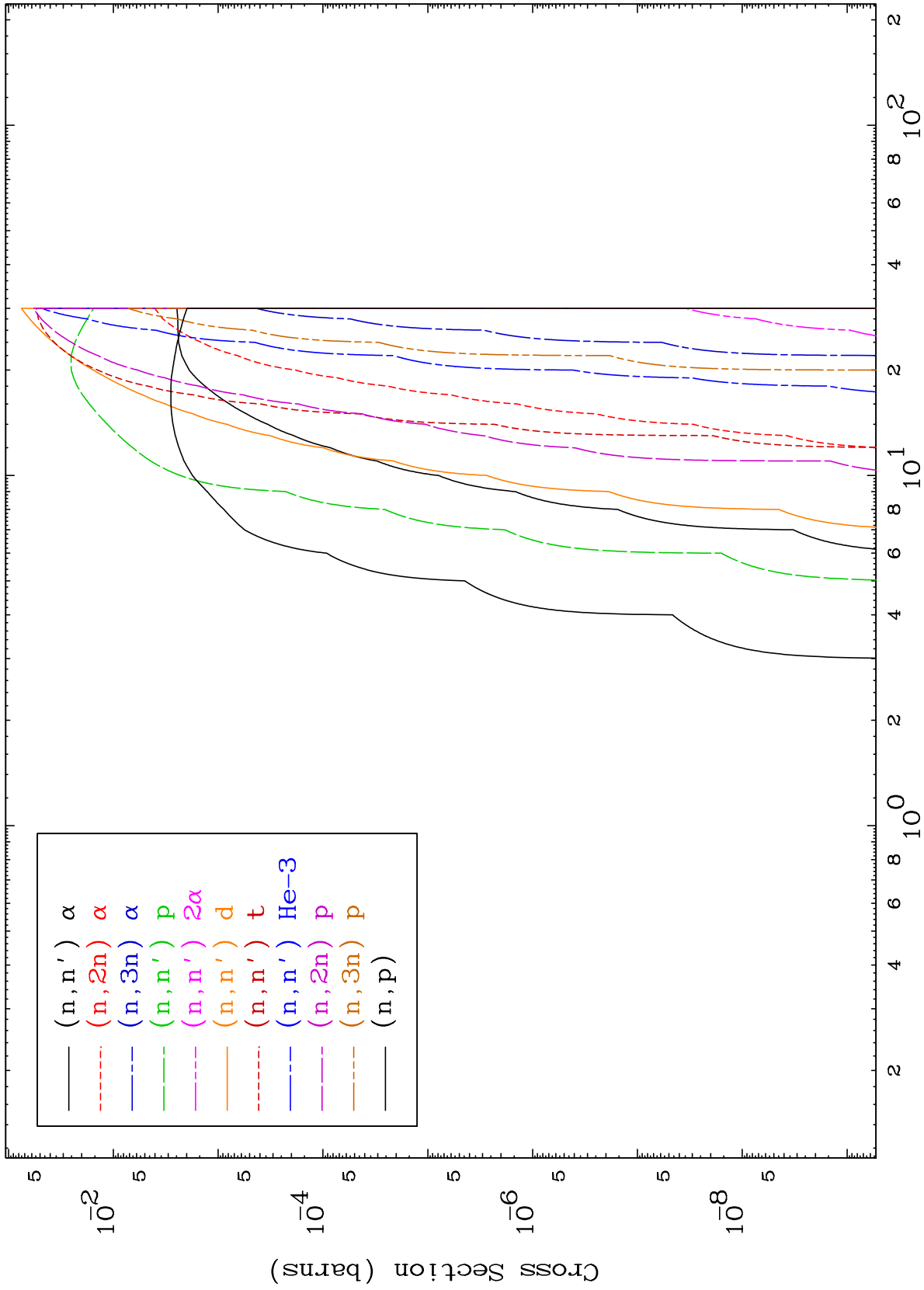
54-Xe-132



MAT 5449

Triton Charged Particle
0 Kelvin Cross Sections

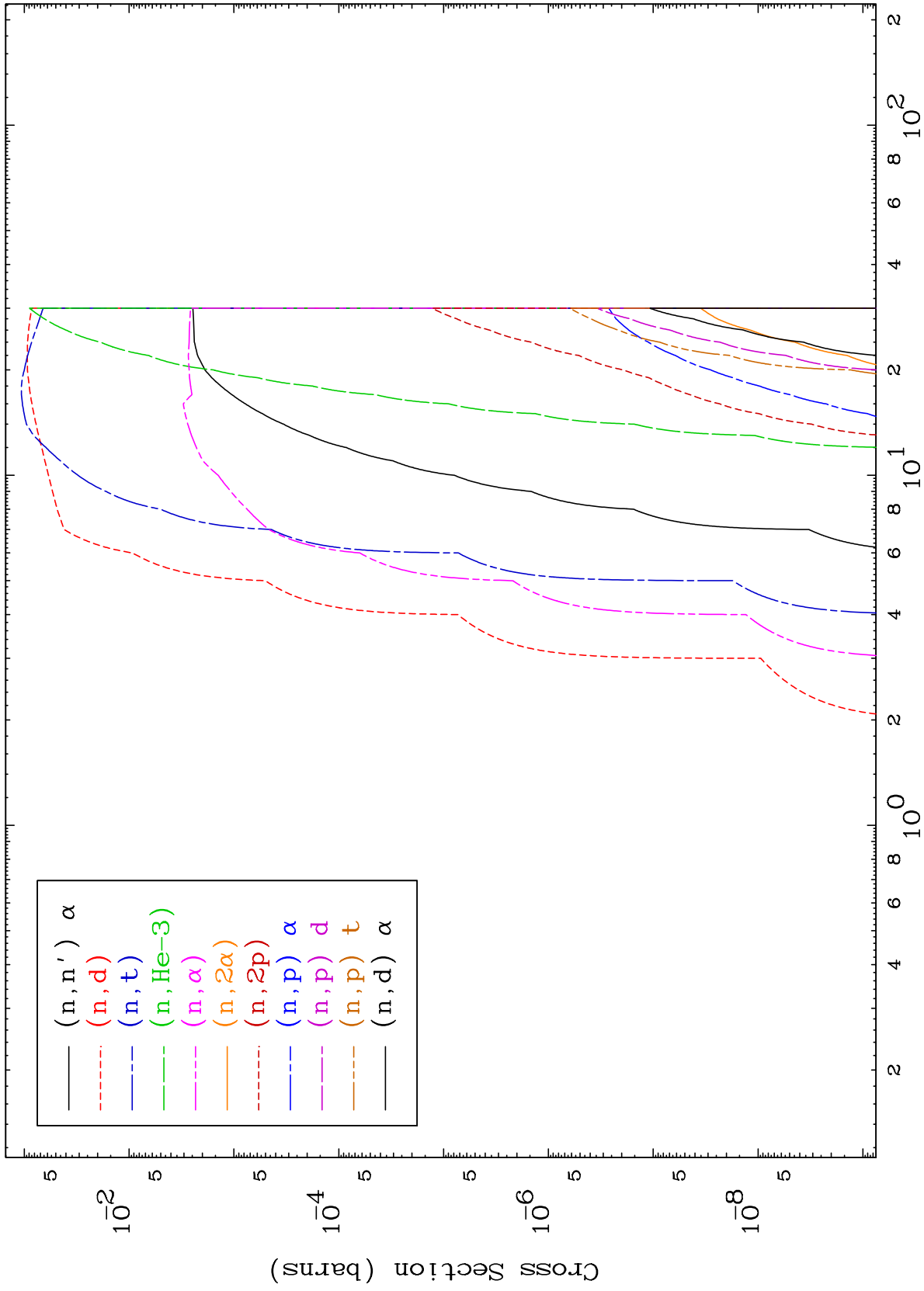
54-Xe-132



MAT 5449

Triton Charged Particle
0 Kelvin Cross Sections

54-Xe-132



6

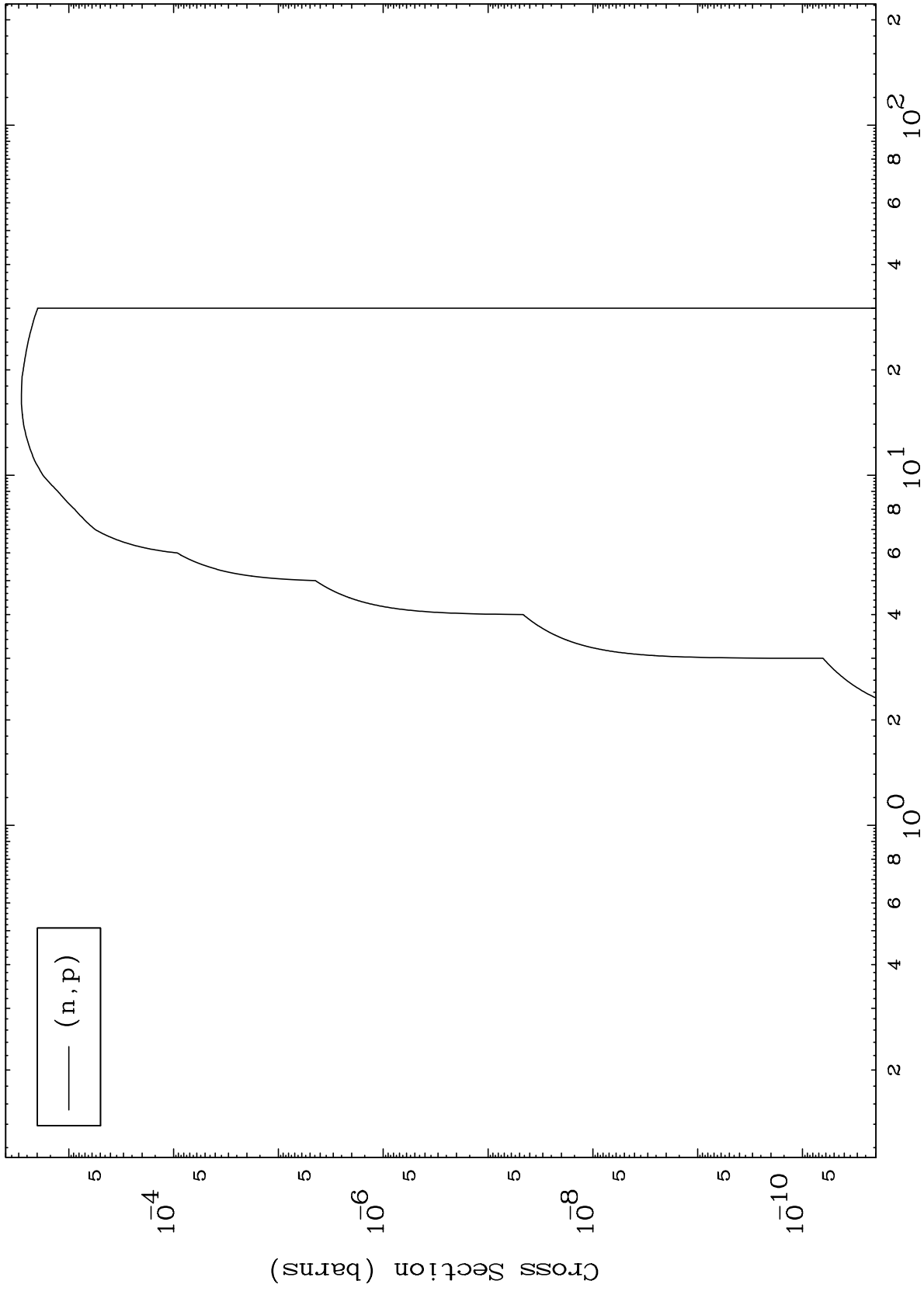
Incident Energy (MeV)

54-Xe-132

MAT 5449

(t,p) Levels
0 Kelvin Cross Sections

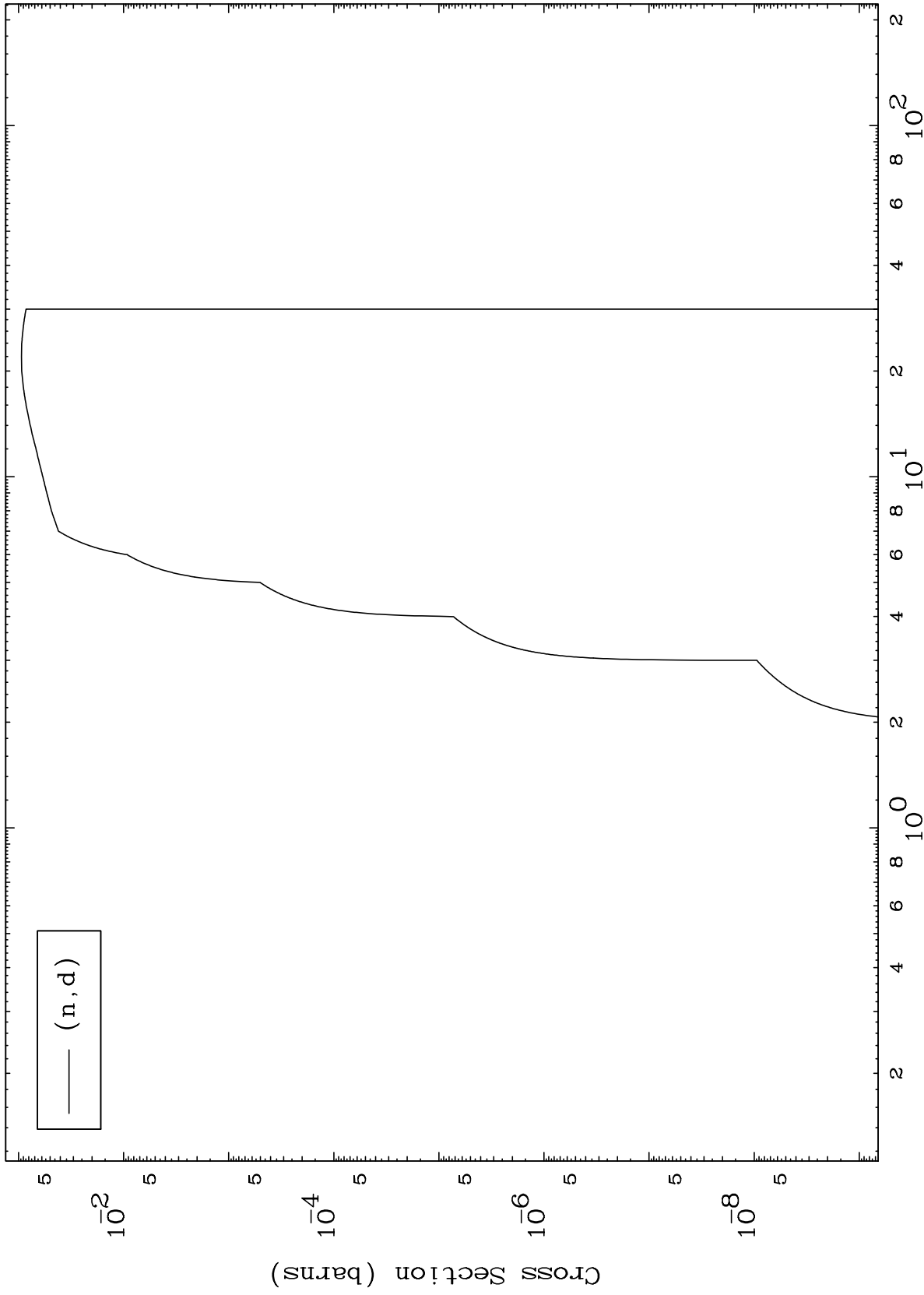
54-Xe-132



MAT 5449

(t,d) Levels
0 Kelvin Cross Sections

54-Xe-132



8

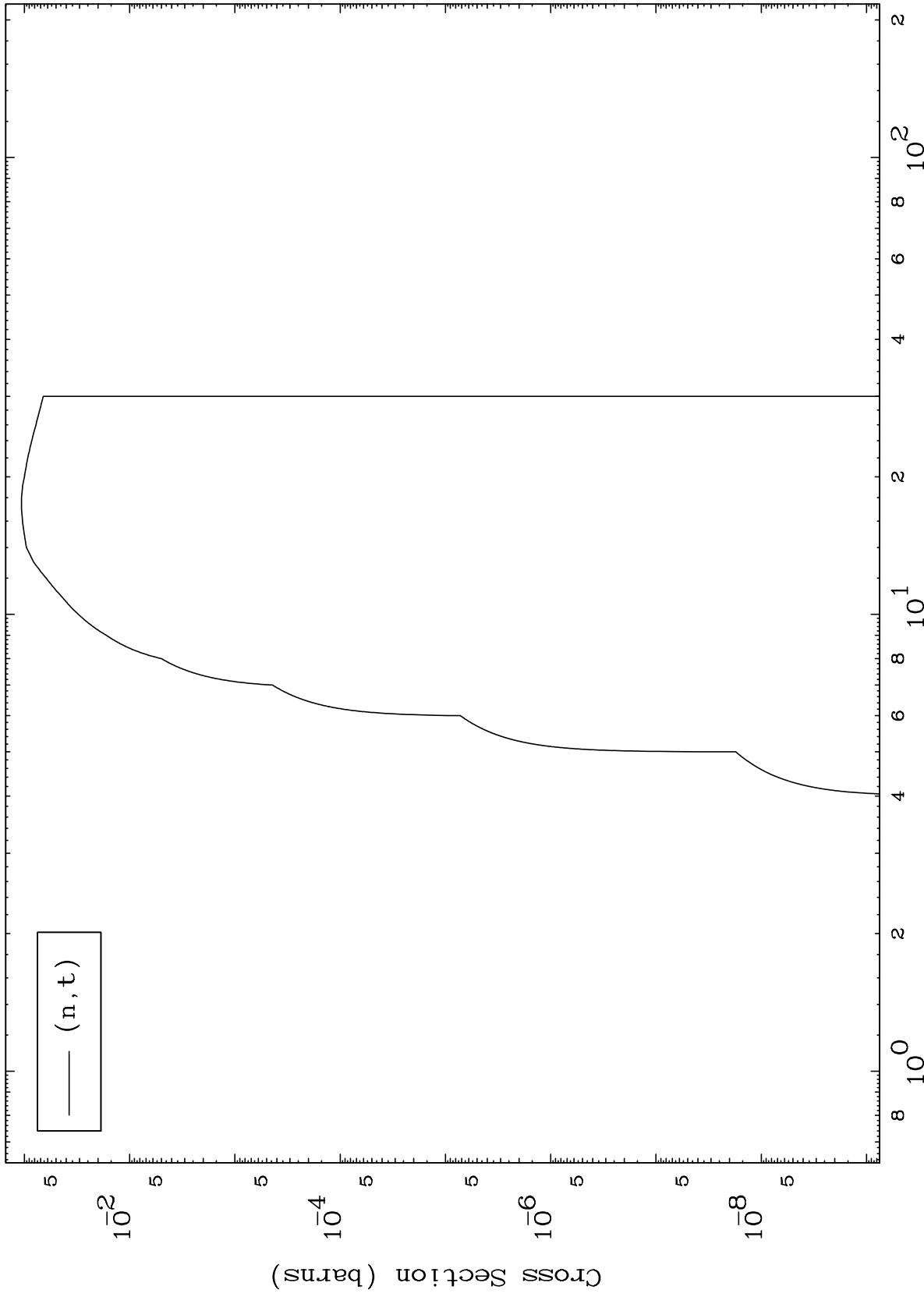
Incident Energy (MeV)

54-Xe-132

MAT 5449

(t,t) Levels
0 Kelvin Cross Sections

54-Xe-132



9

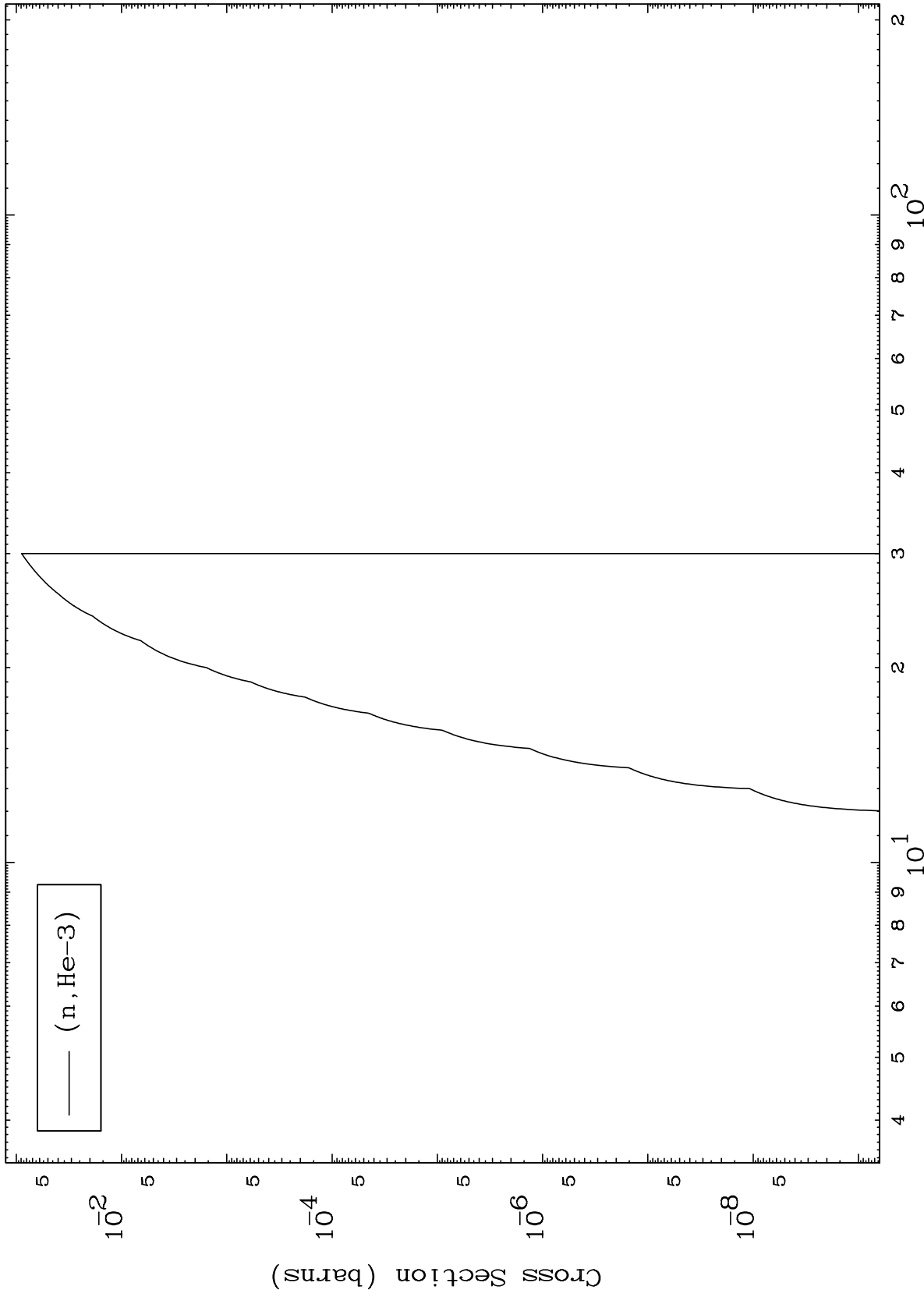
Incident Energy (MeV)

54-Xe-132

MAT 5449

(t,He3) Levels
0 Kelvin Cross Sections

54-Xe-132



10

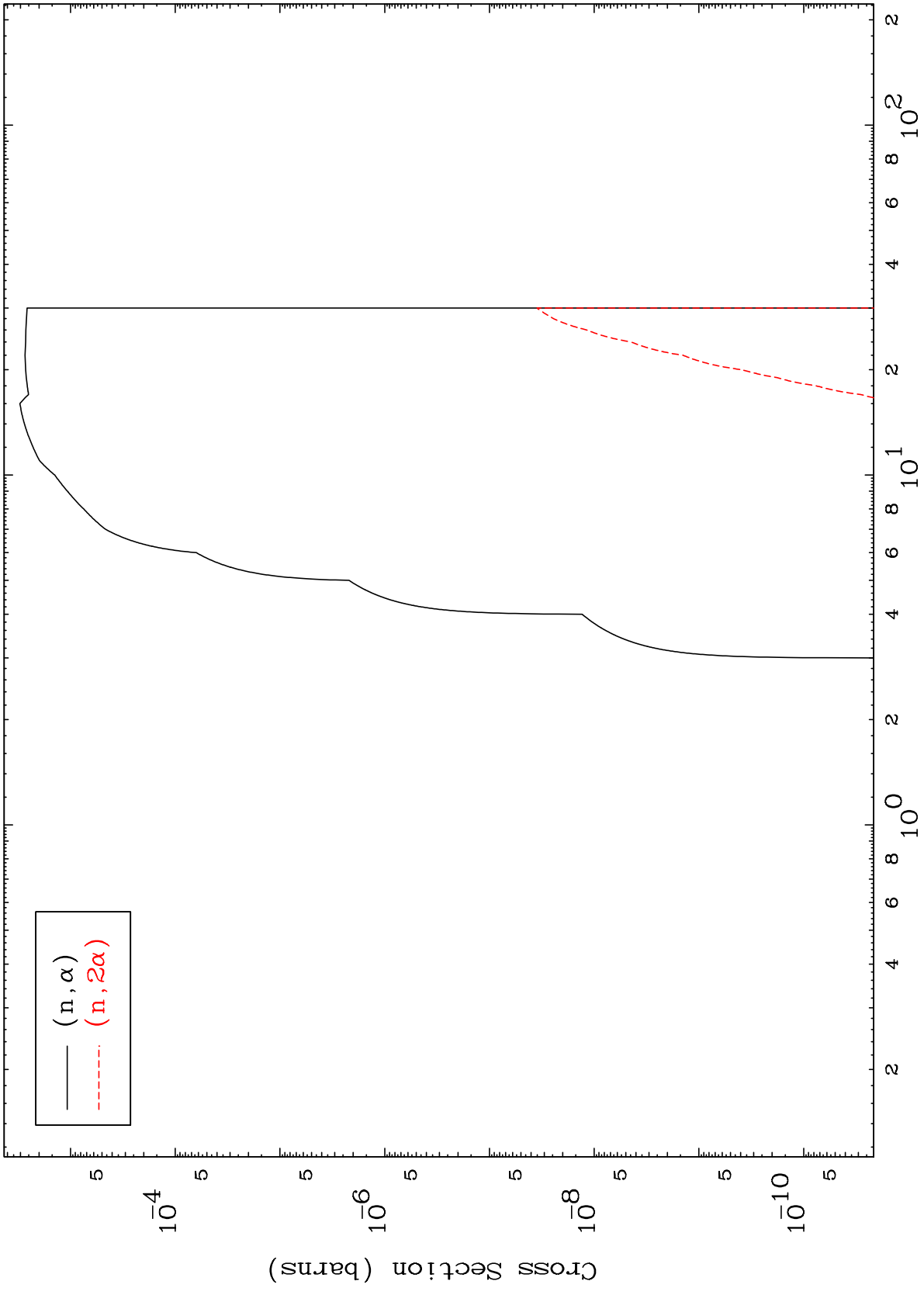
Incident Energy (MeV)

54-Xe-132

MAT 5449

(t, α) Levels
0 Kelvin Cross Sections

54-Xe-132

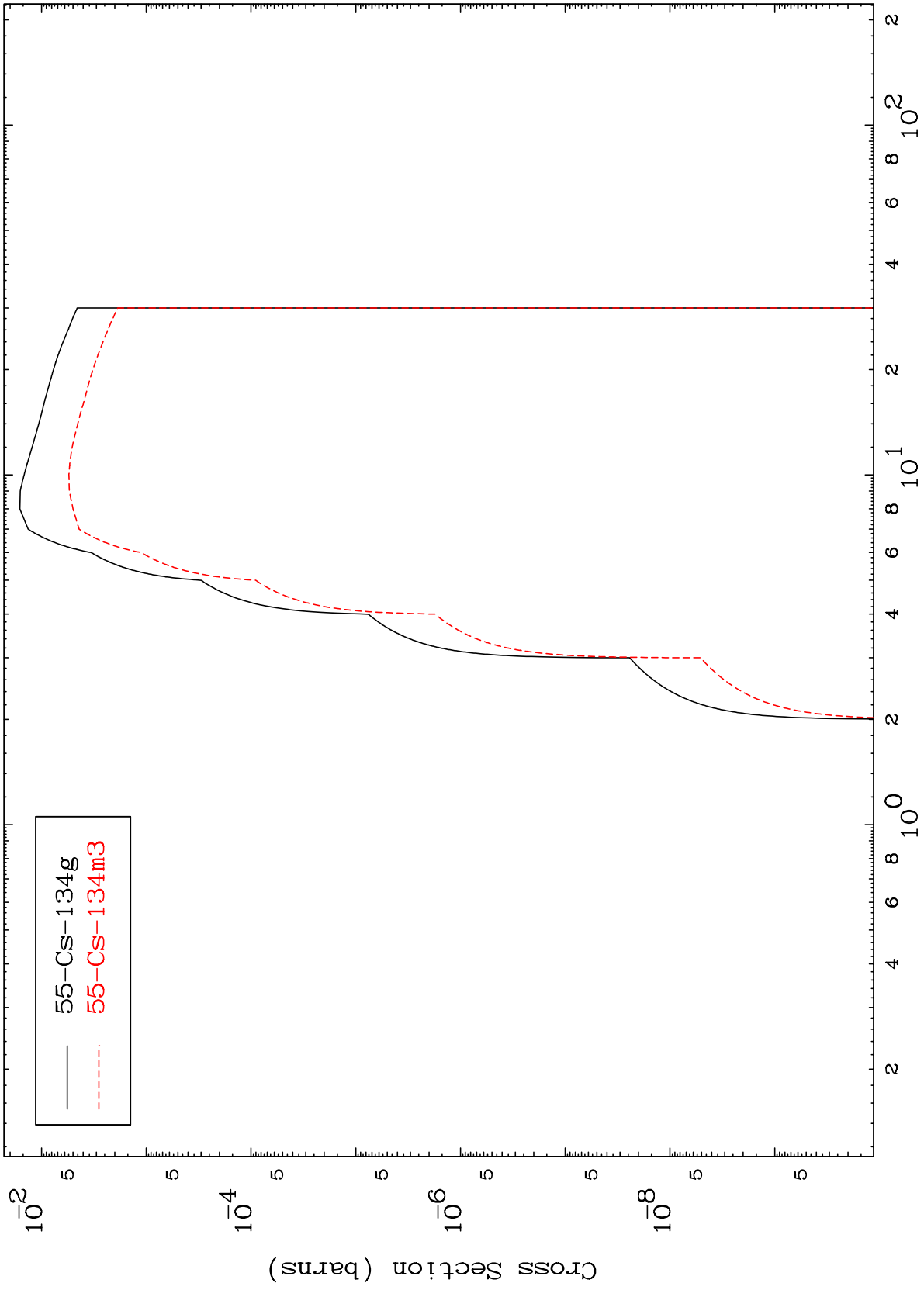


54-Xe-132

MAT 5449

Inelastic
Radionuclide Production Cross Section

54-Xe-132



12

Incident Energy (MeV)

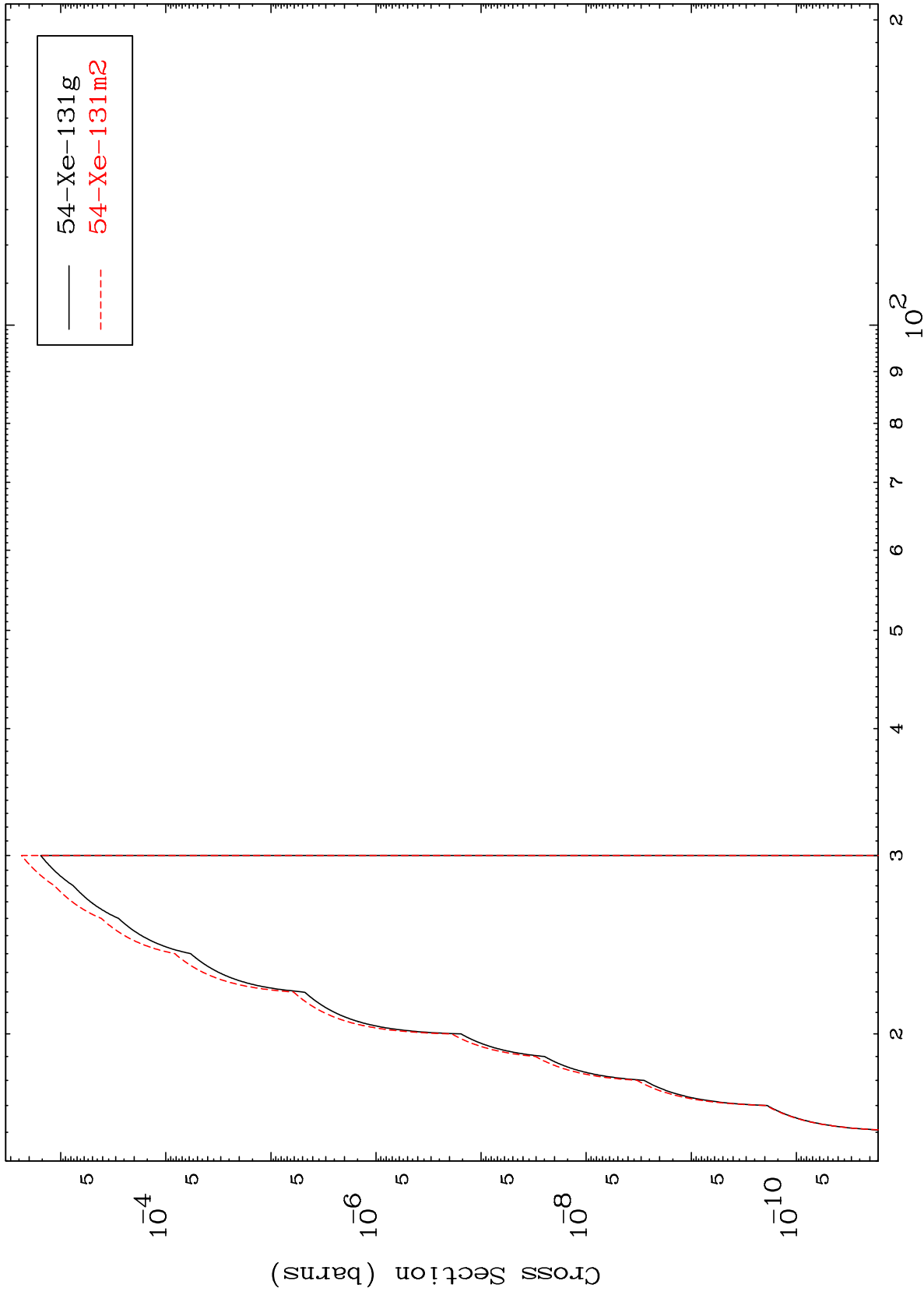
54-Xe-132

MAT 5449

(n,2n) d

54-Xe-132

Radionuclide Production Cross Section



13

Incident Energy (MeV)

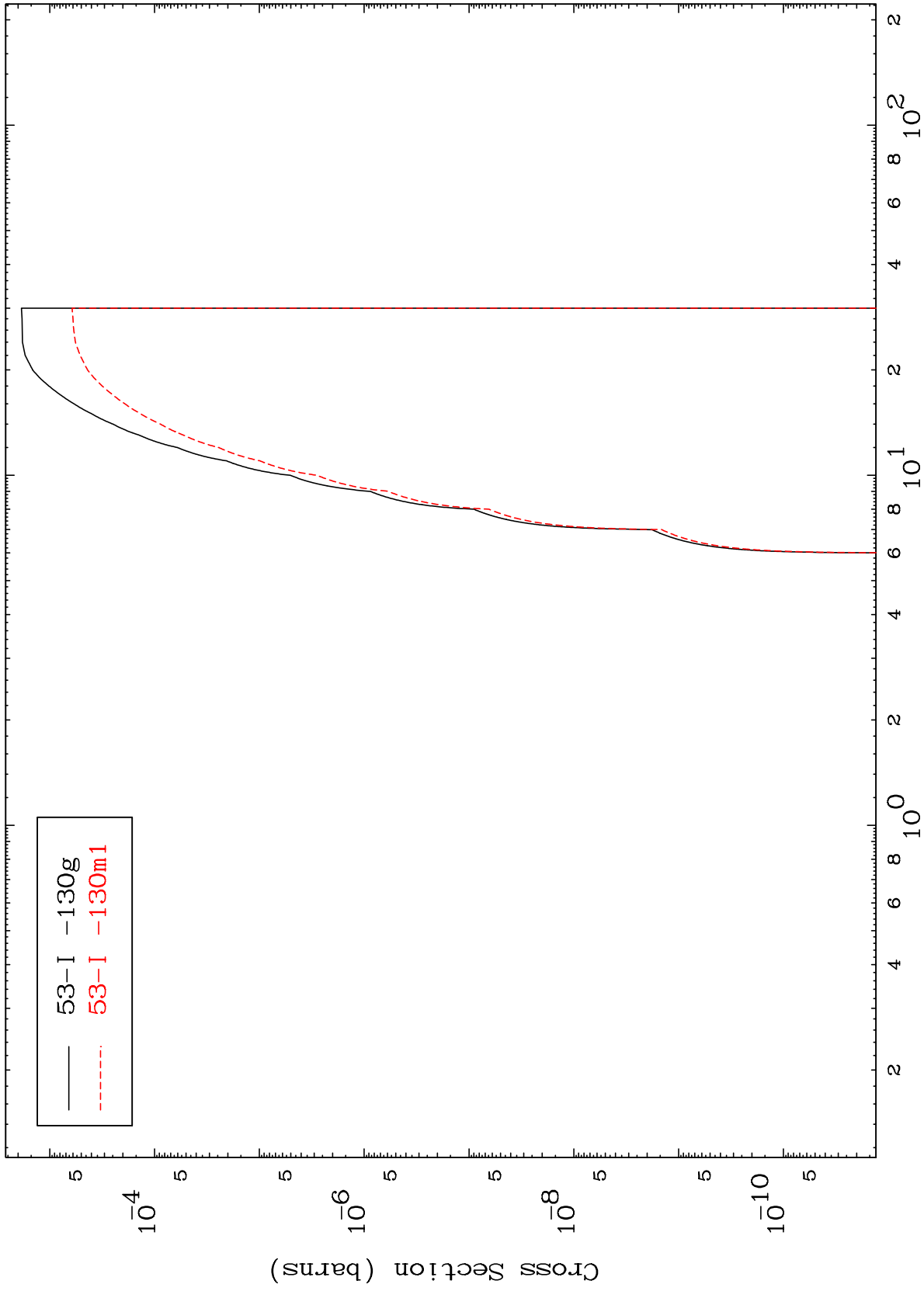
54-Xe-132

MAT 5449

(n,n') α

54-Xe-132

Radionuclide Production Cross Section

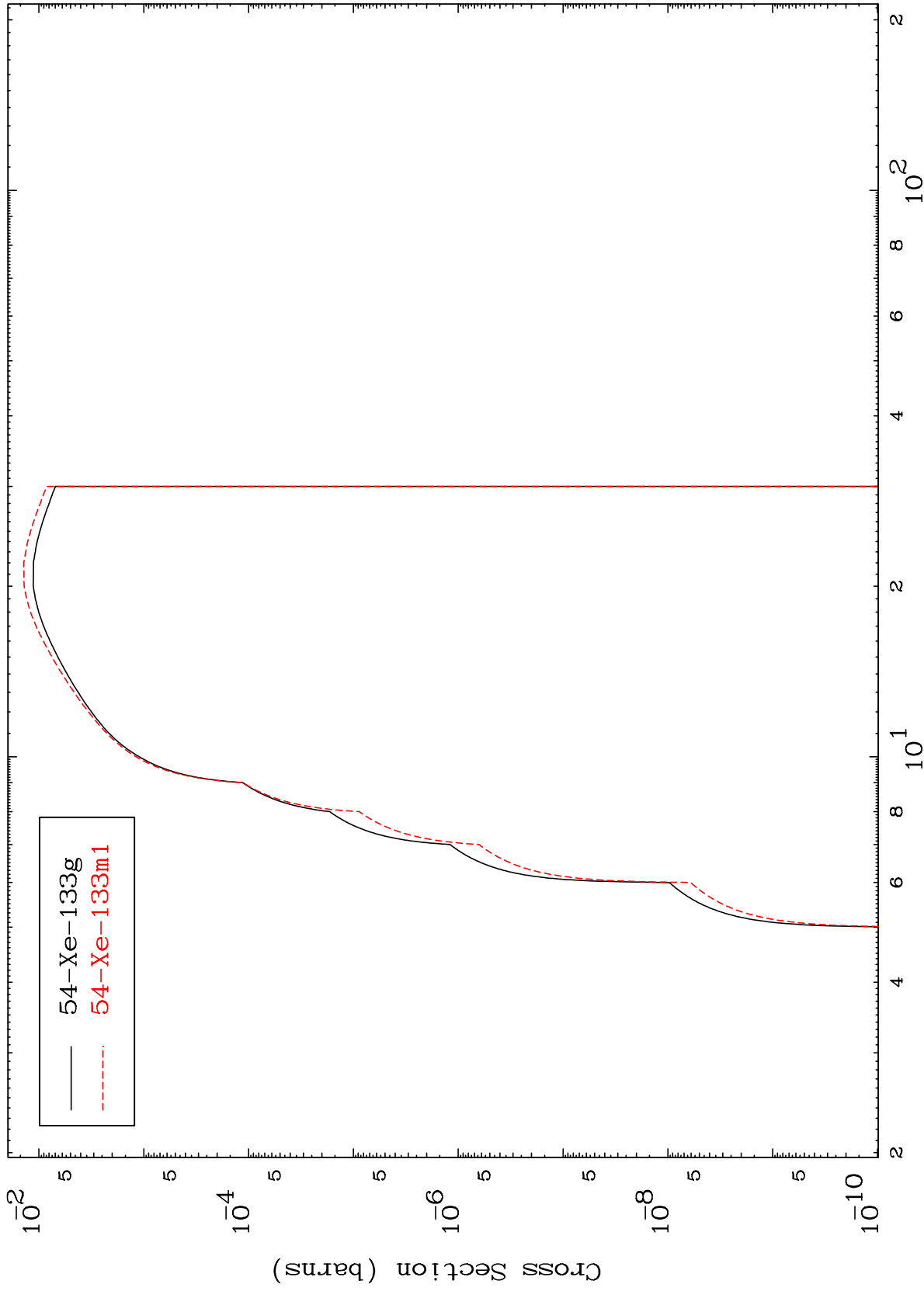


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(n,n') p

54-Xe-132

Radionuclide Production Cross Section



54-Xe-133g
54-Xe-133m1

15

Incident Energy (MeV)

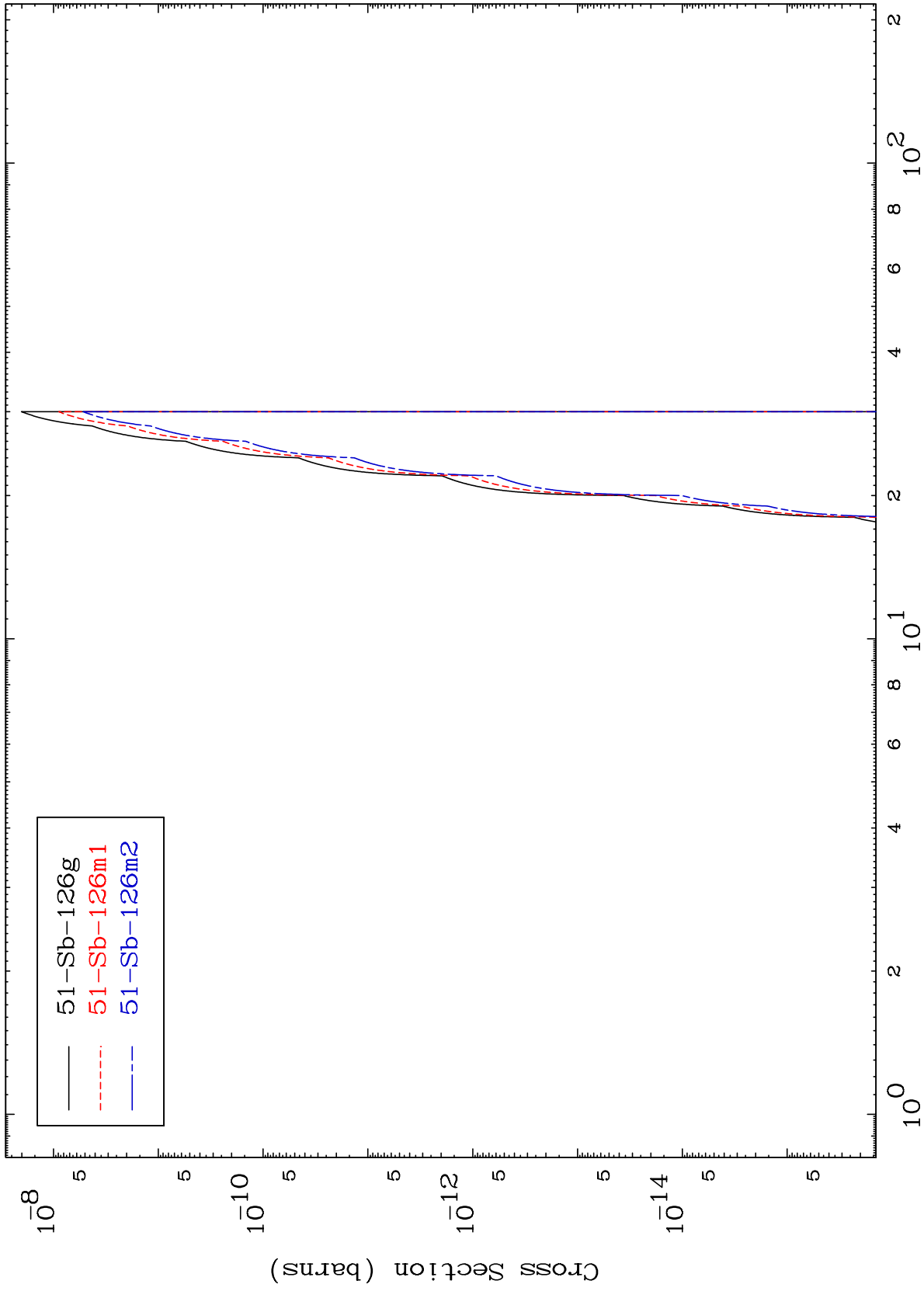
54-Xe-132

MAT 5449

(n,n') 2 α

54-Xe-132

Radionuclide Production Cross Section



16

Incident Energy (MeV)

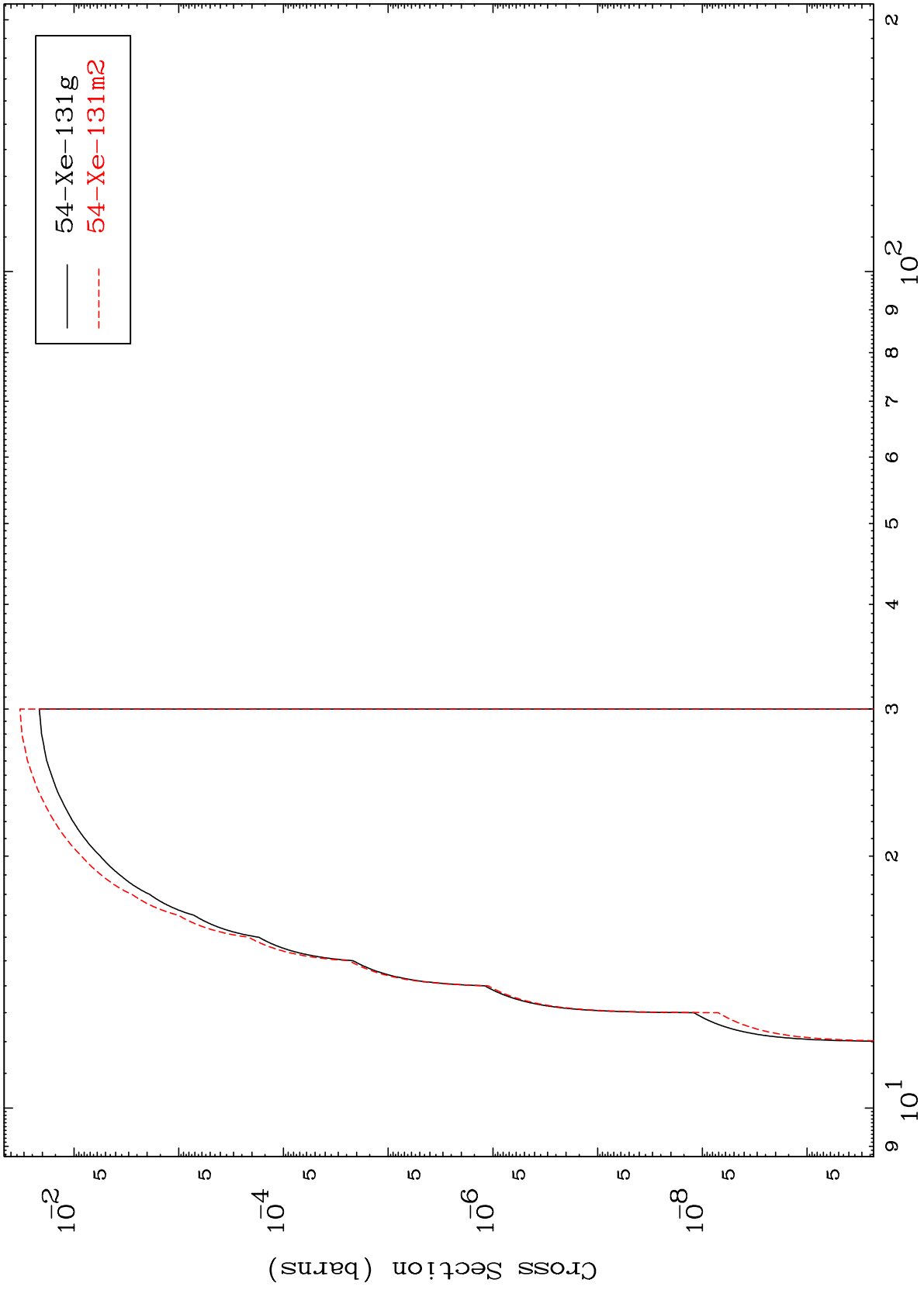
54-Xe-132

MAT 5449

(n,n') t

54-Xe-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

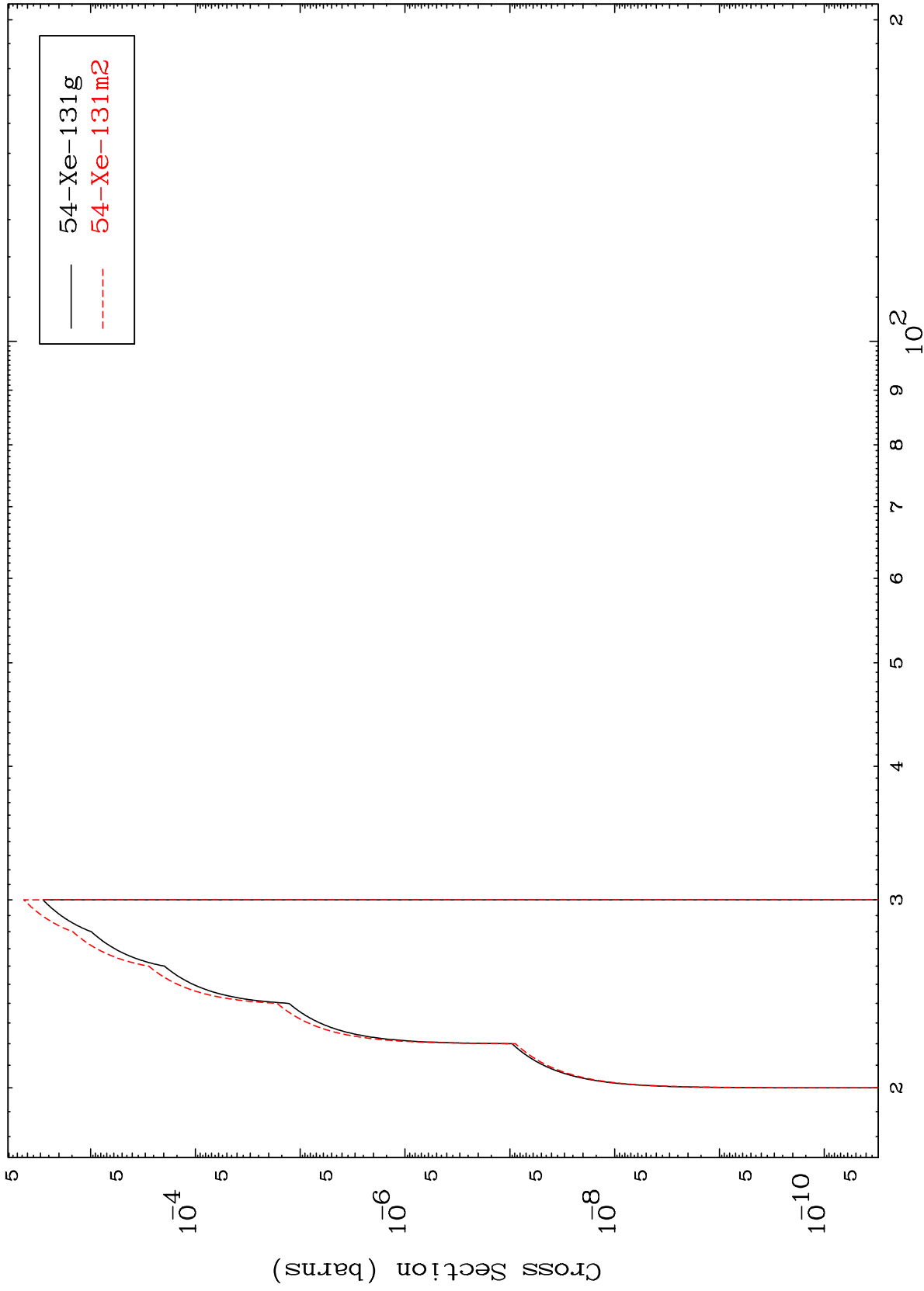
54-Xe-132

MAT 5449

(n,3n) p

⁵⁴Xe-132

Radionuclide Production Cross Section



18

Incident Energy (MeV)

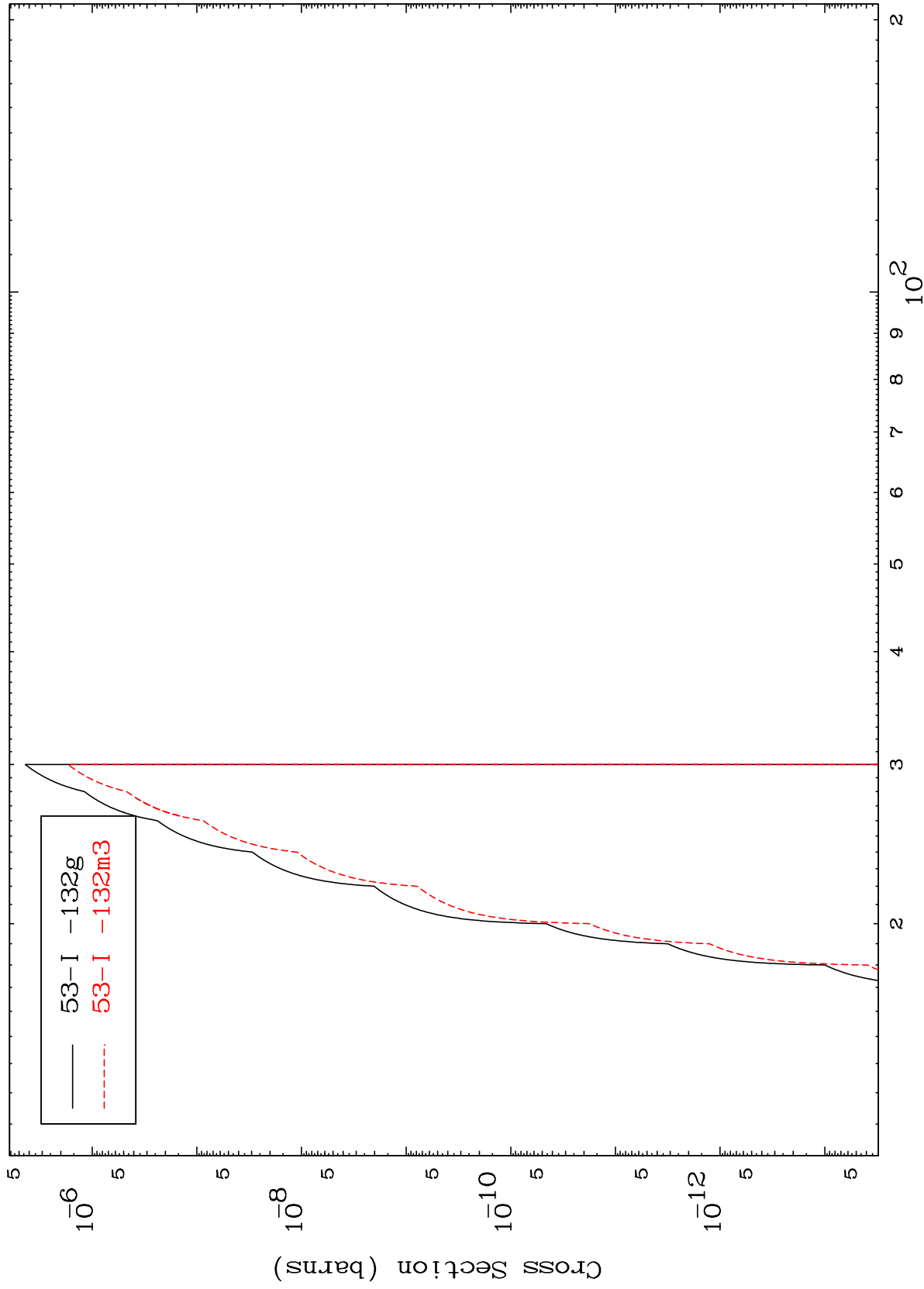
⁵⁴Xe-132

MAT 5449

(n,2n) p

54-Xe-132

Radionuclide Production Cross Section



19

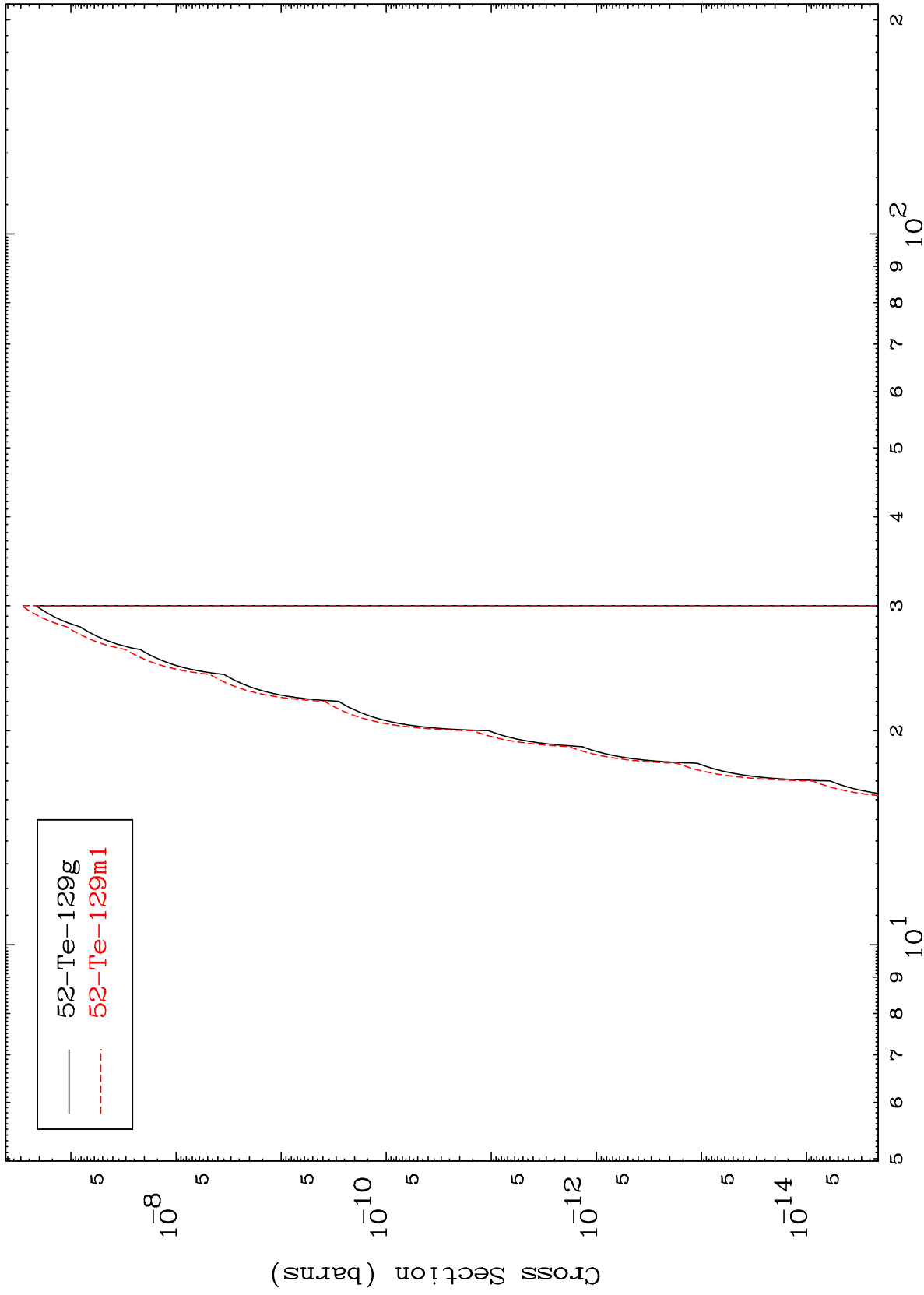
54-Xe-132

MAT 5449

(n,n') p α

54-Xe-132

Radionuclide Production Cross Section



20

Incident Energy (MeV)

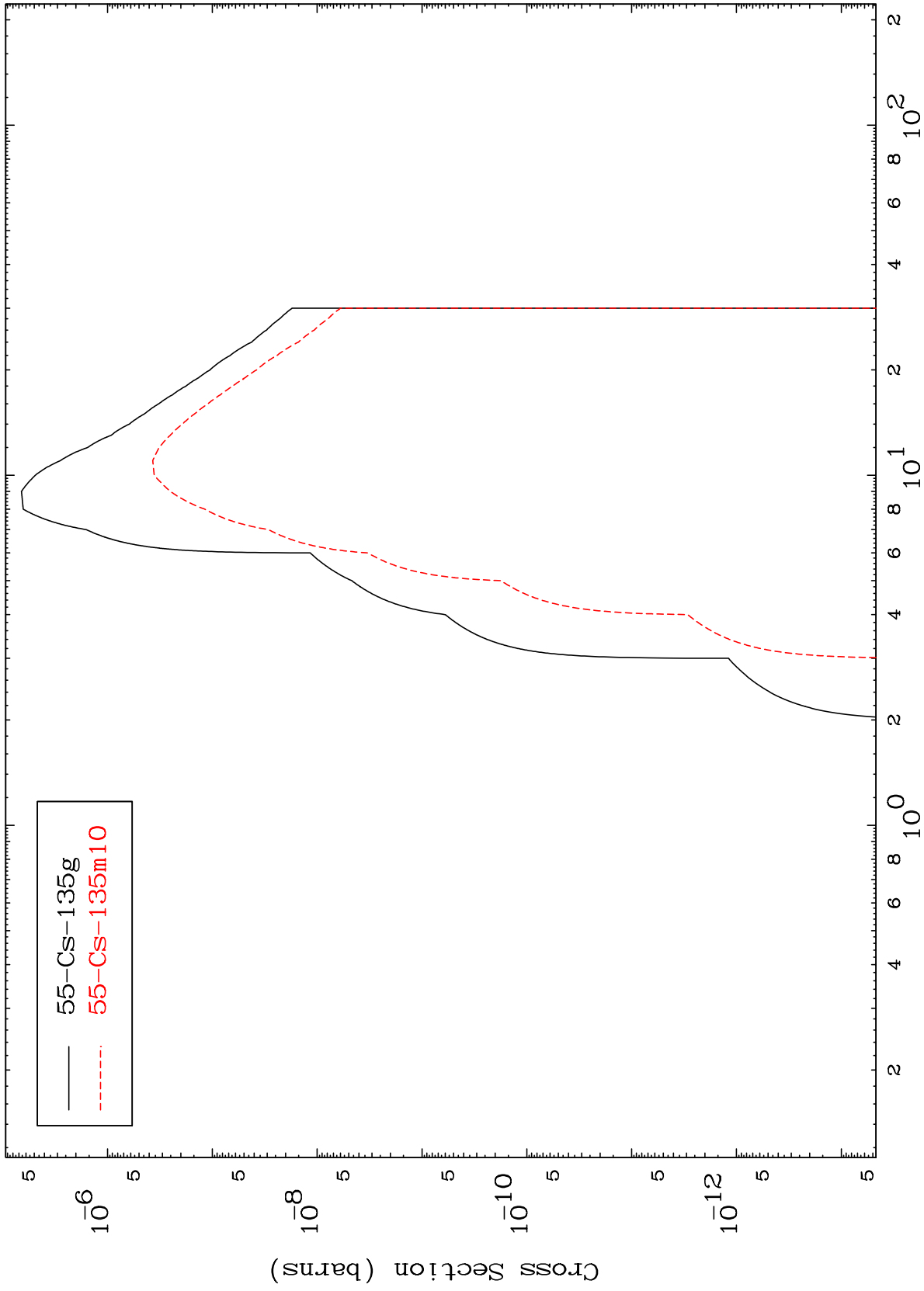
54-Xe-132

MAT 5449

(n,γ)

54-Xe-132

Radionuclide Production Cross Section



21

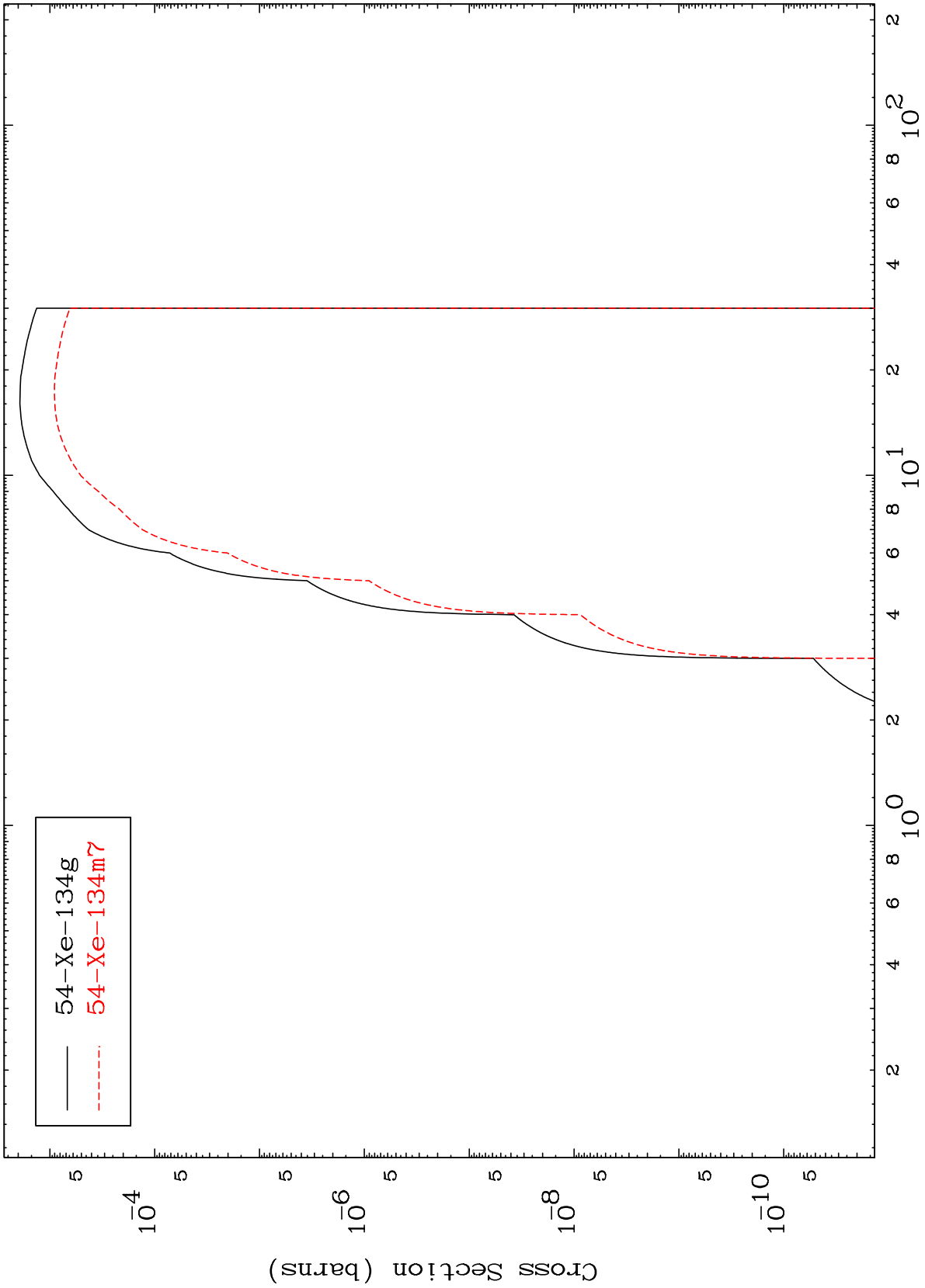
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

(n,p)
Radionuclide Production Cross Section



54-Xe-132

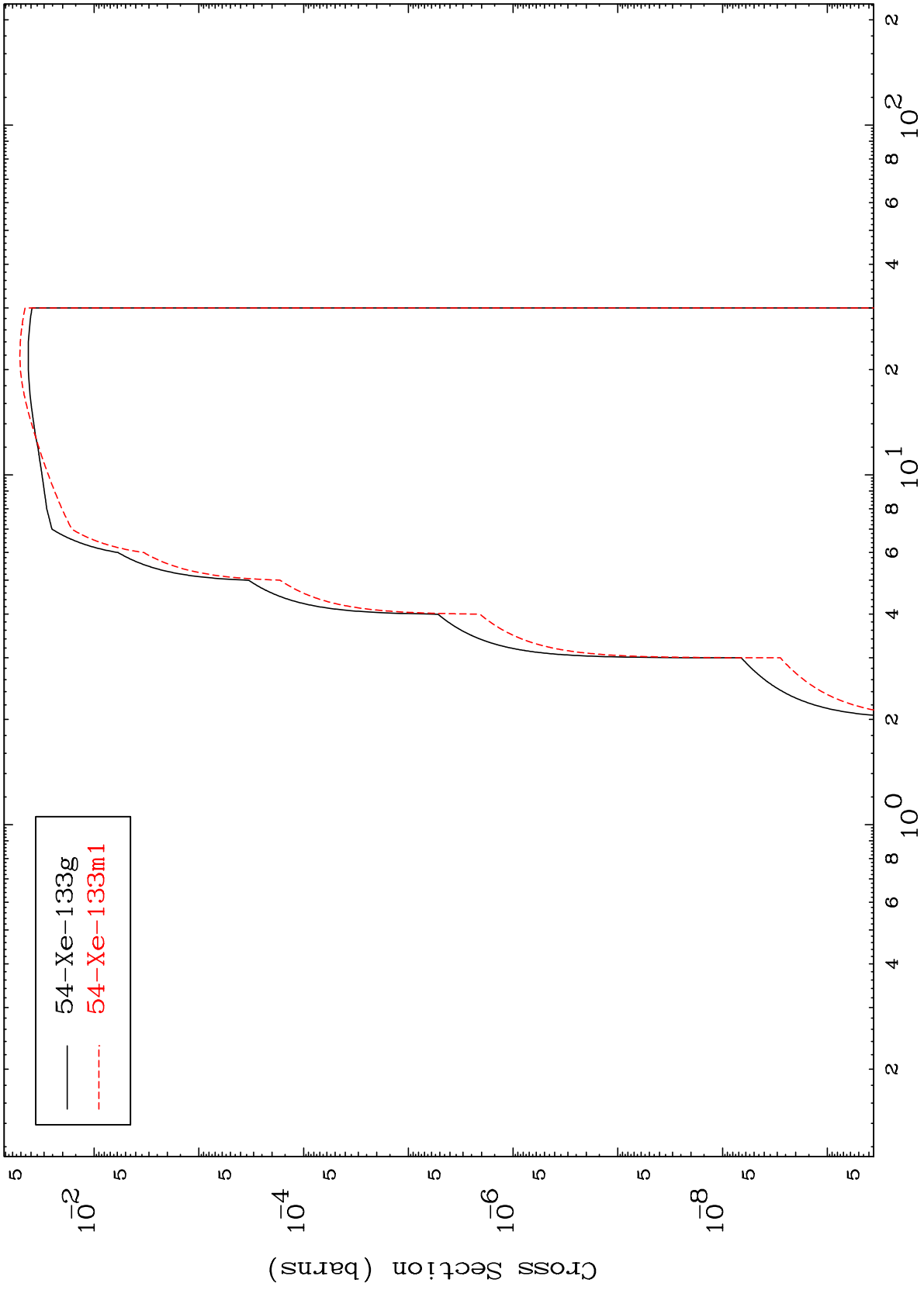
Incident Energy (MeV)

22

MAT 5449

54-Xe-132

(n,d)
Radionuclide Production Cross Section



54-Xe-132

Incident Energy (MeV)

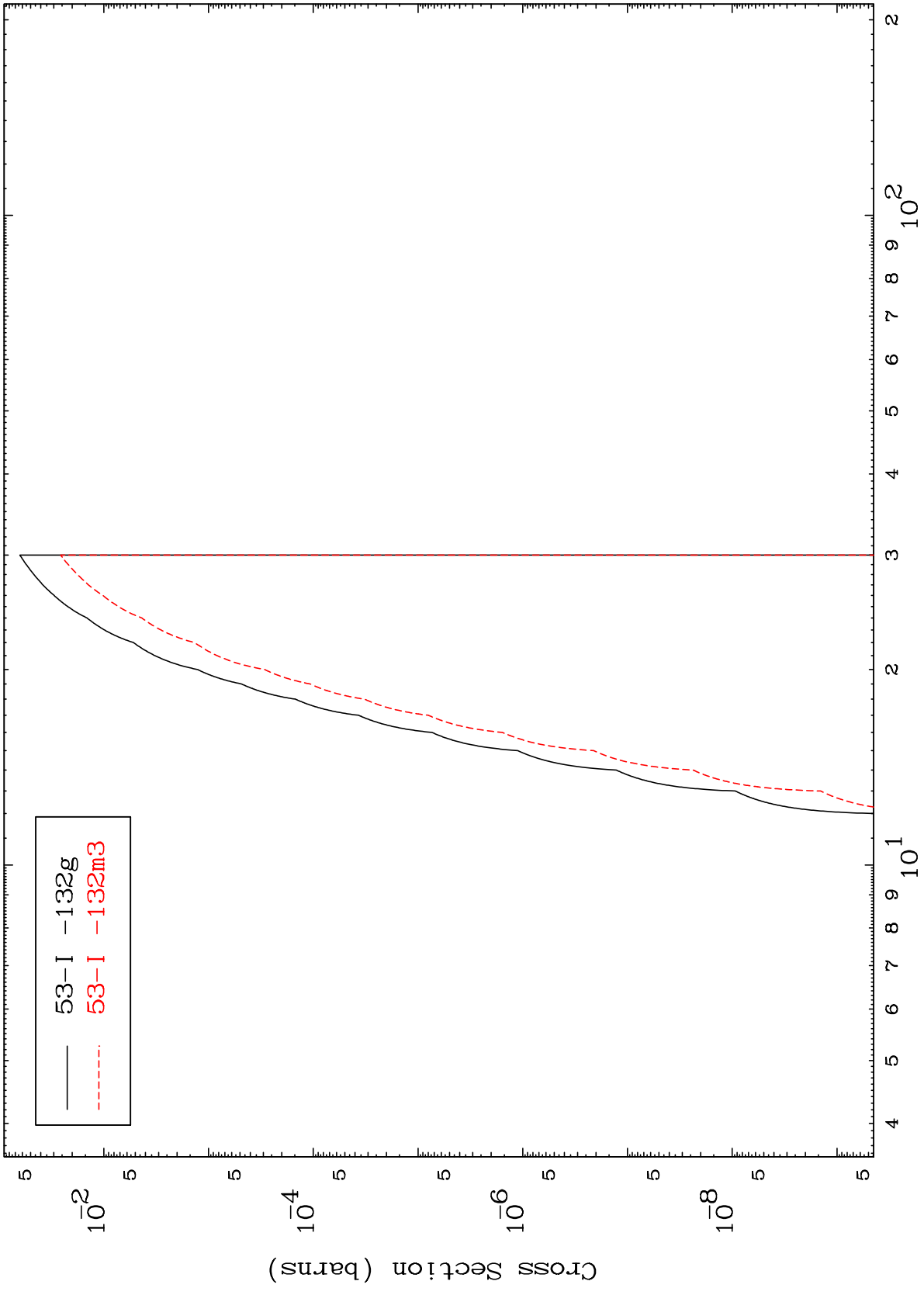
23

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(n, He-3)

54-Xe-132

Radionuclide Production Cross Section



24

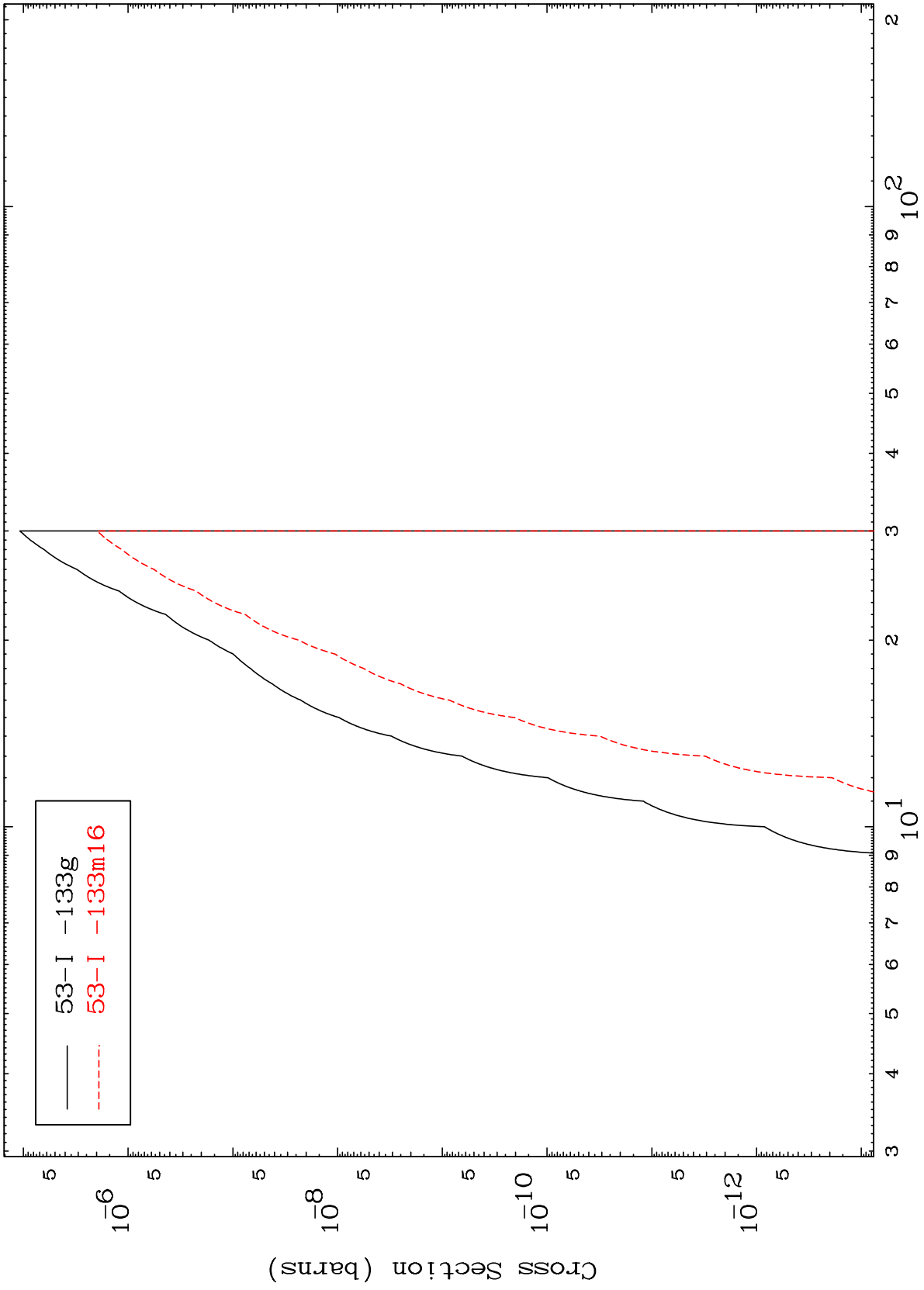
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

Radionuclide Production Cross Section
(n,2p)



53-I-133g
53-I-133m16

25

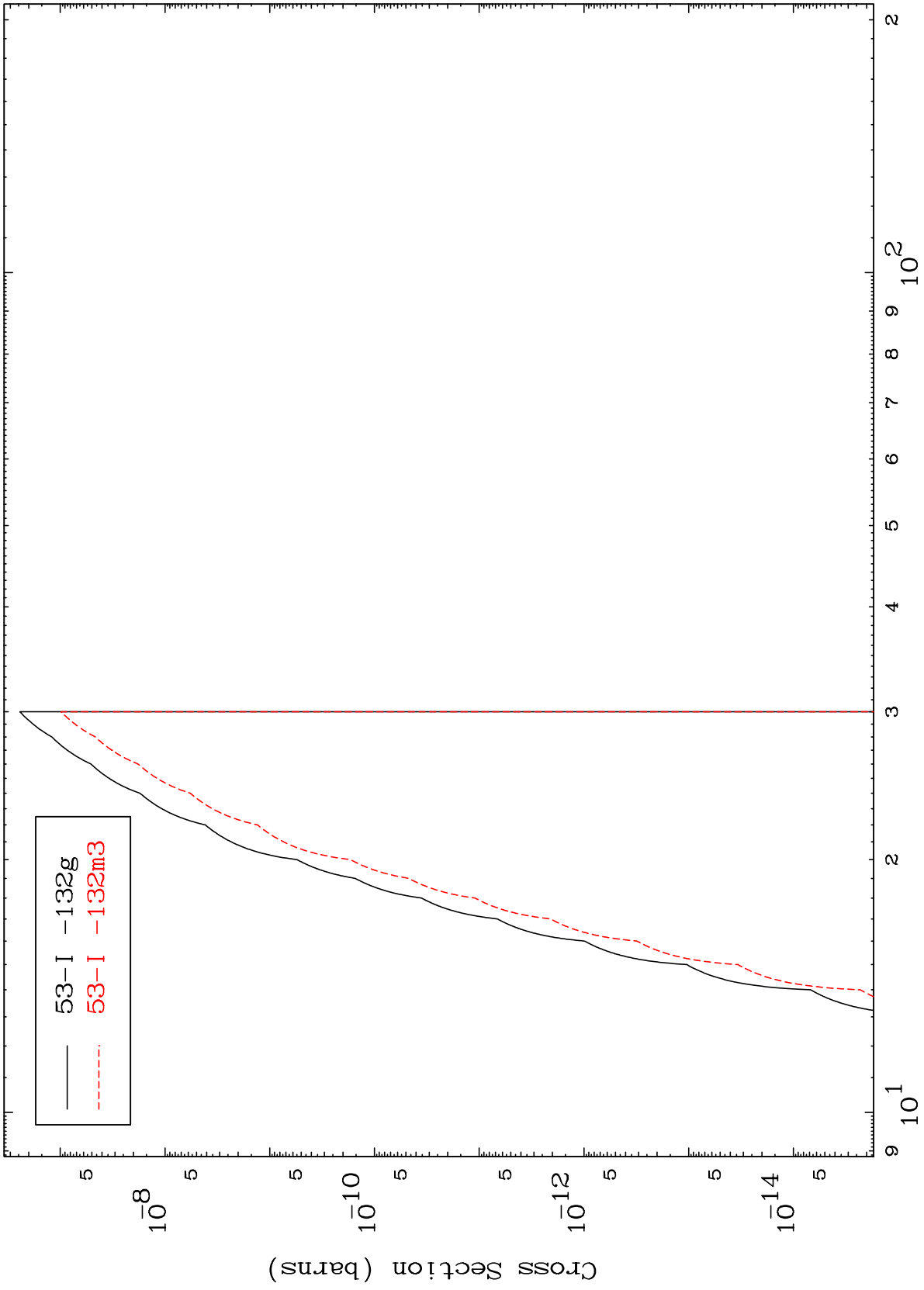
54-Xe-132

MAT 5449

(n,p) d

54-Xe-132

Radionuclide Production Cross Section



26

Incident Energy (MeV)

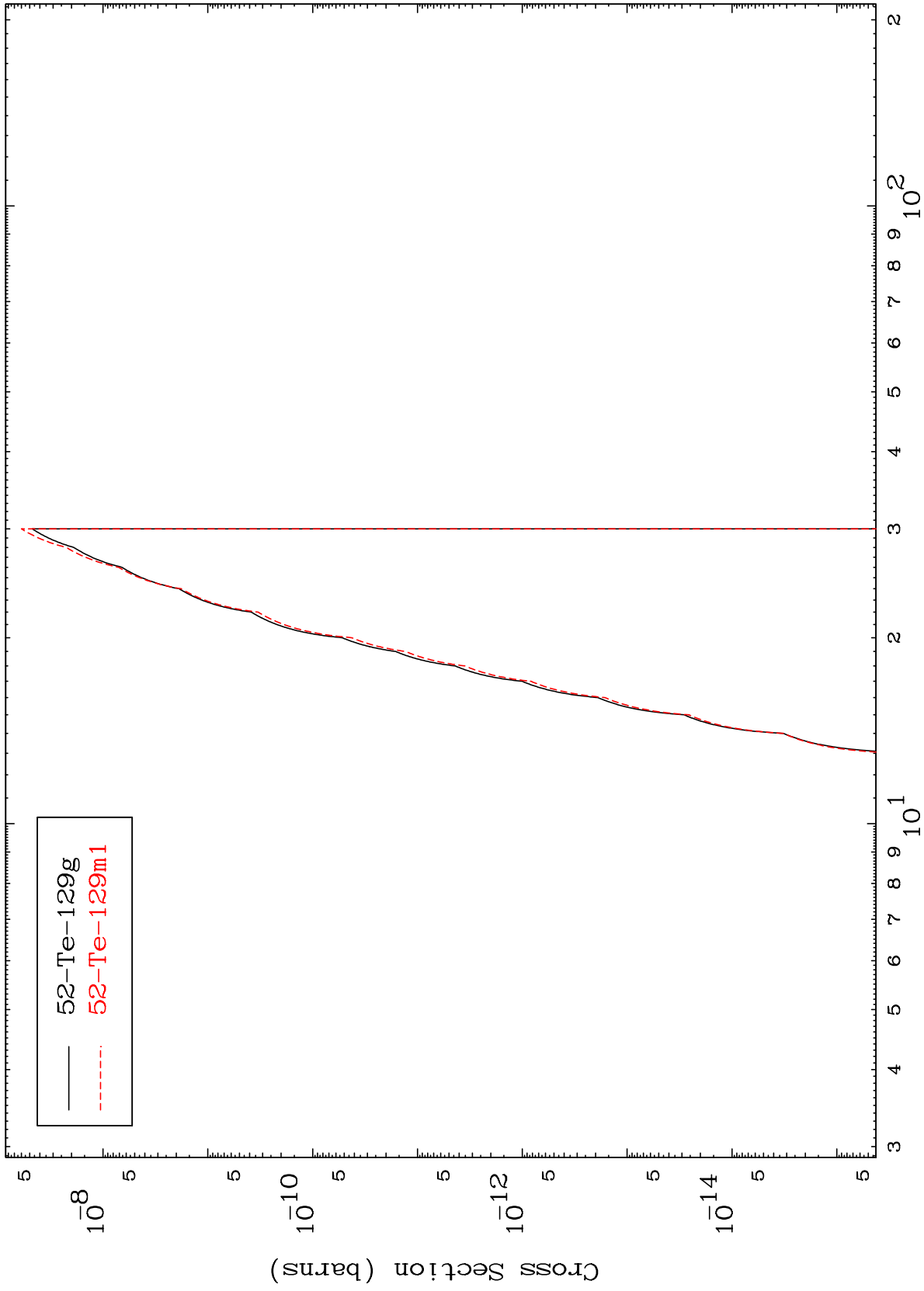
54-Xe-132

MAT 5449

(n,d) α

54-Xe-132

Radionuclide Production Cross Section



27

Incident Energy (MeV)

54-Xe-132