

Program EVALPLOT
(Version 2021-1)

by

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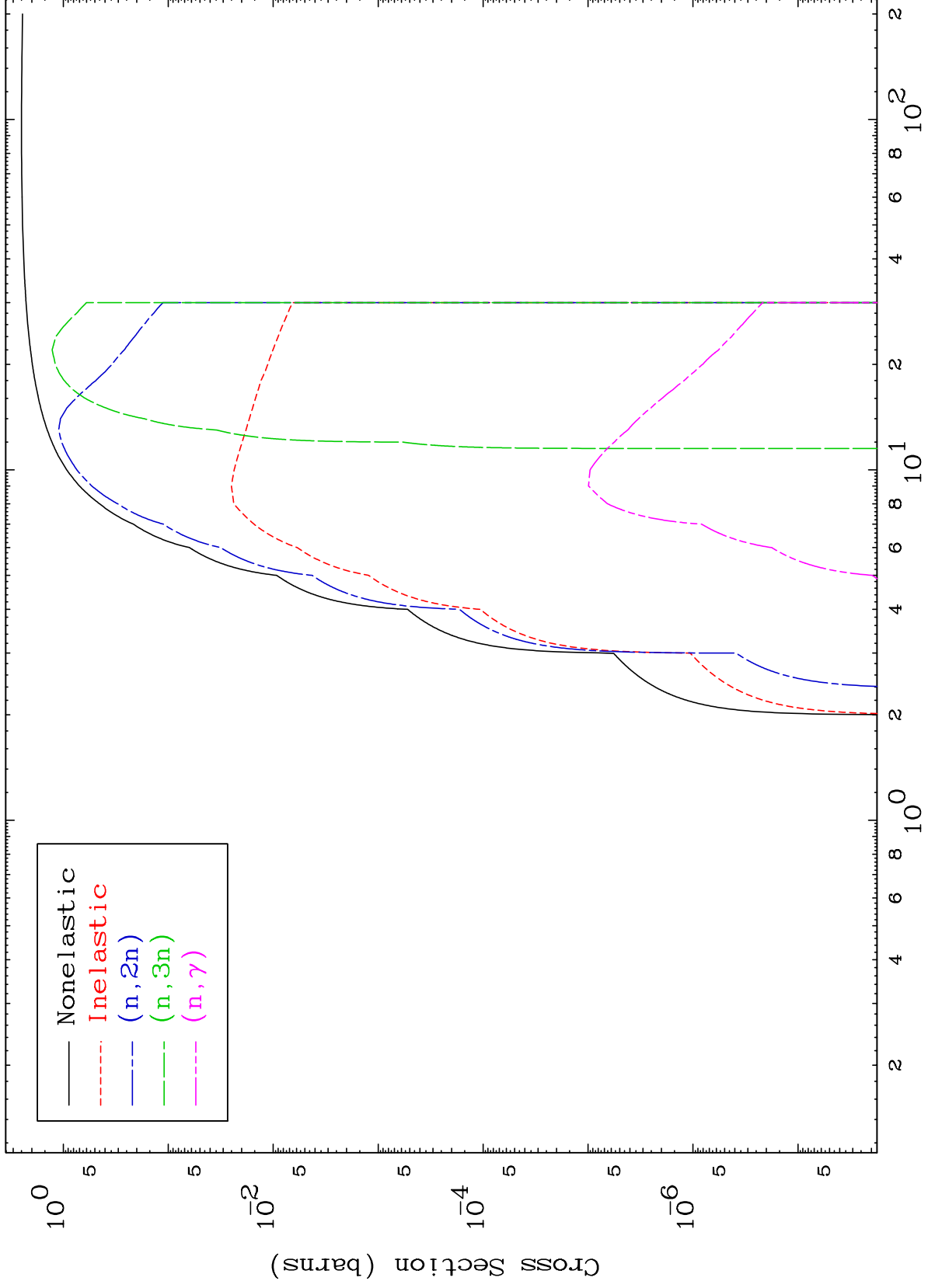
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5453

Deuteron Major
0 Kelvin Cross Sections

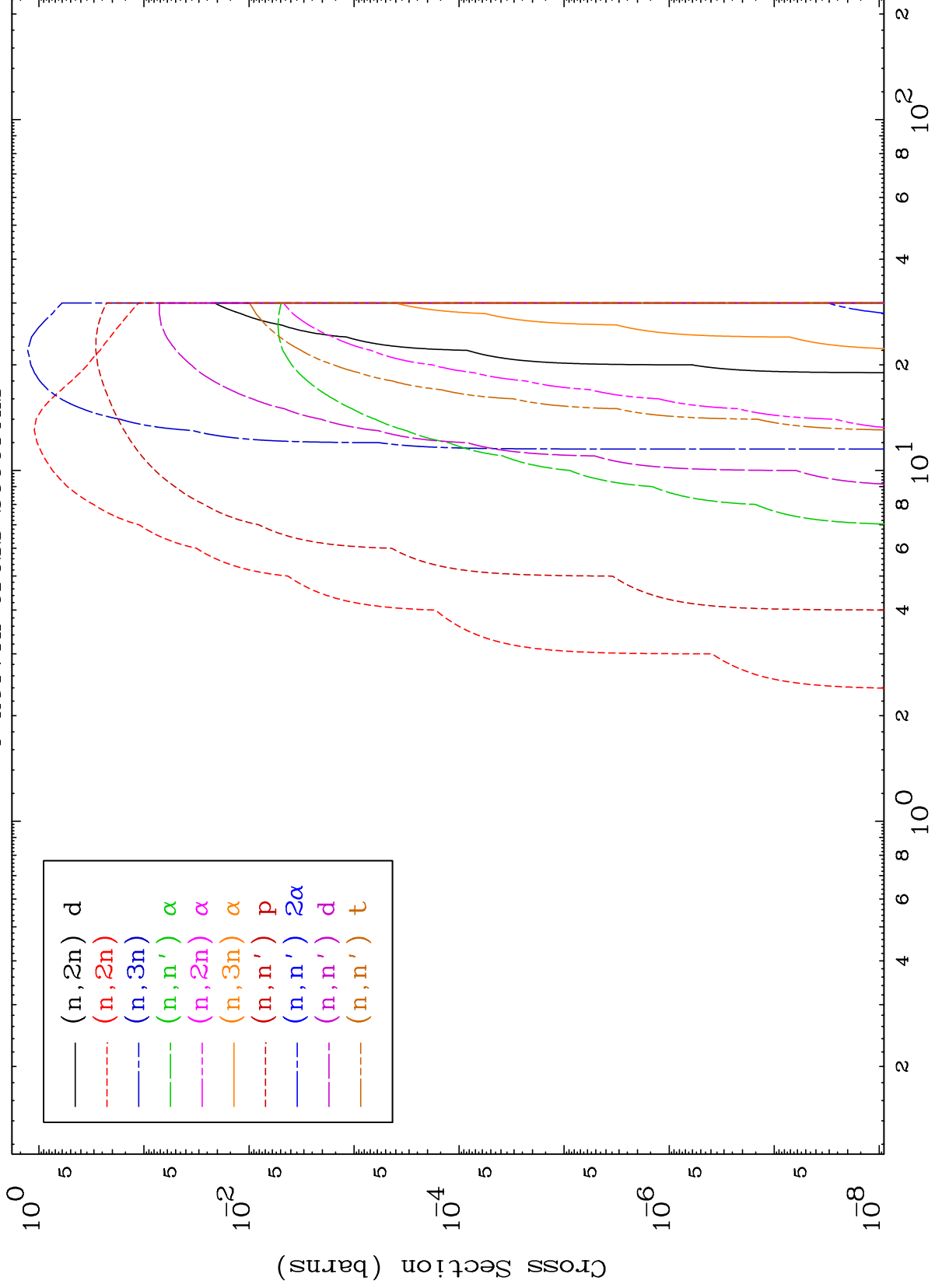
54-Xe-133m



MAT 5453

Deuteron Neutron Absorption
0 Kelvin Cross Sections

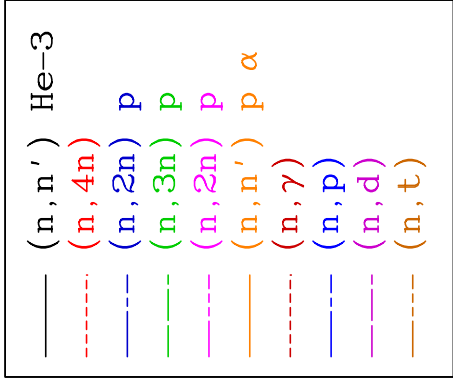
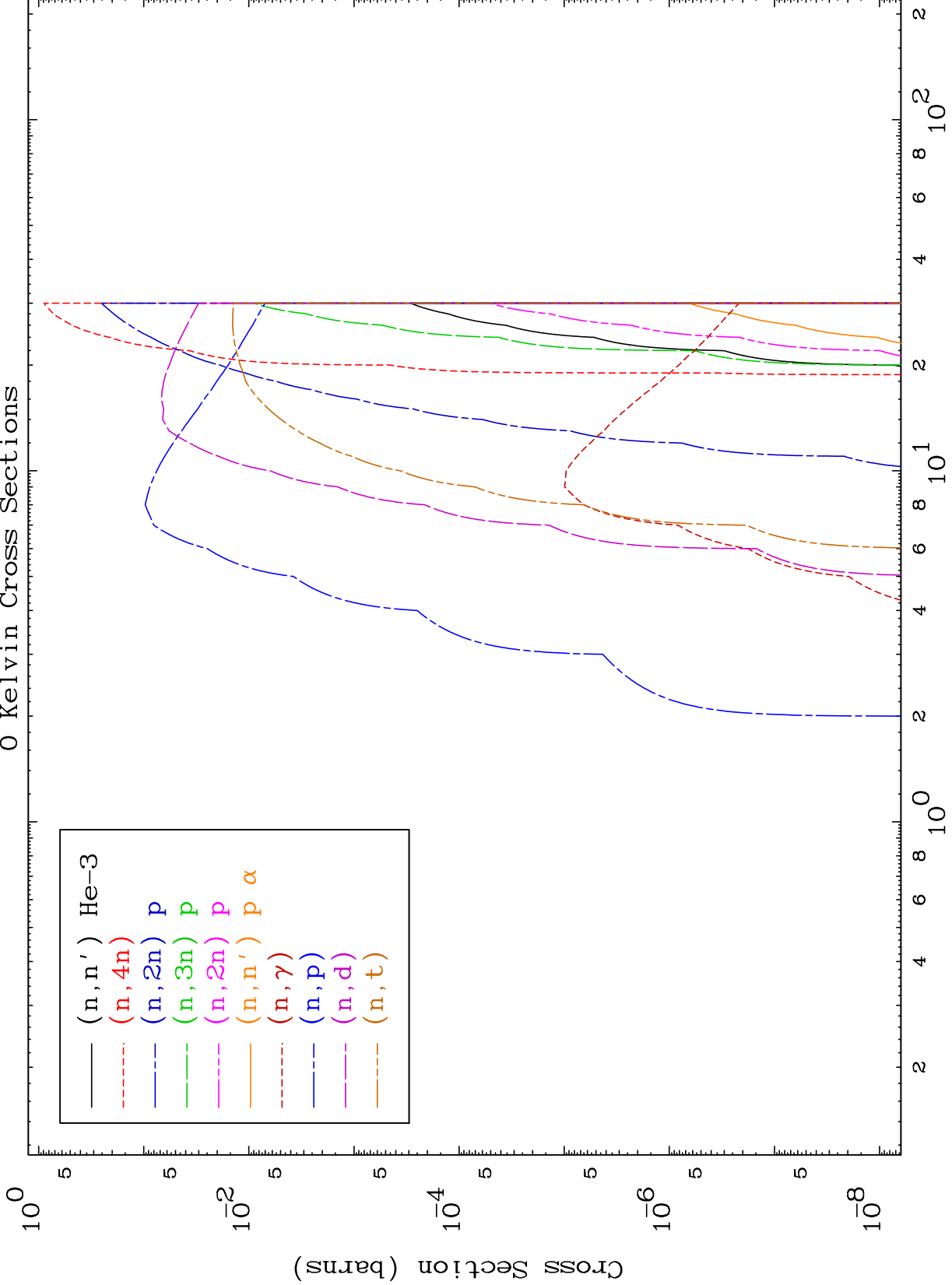
54-Xe-133m



MAT 5453

Deuteron Neutron Absorption
0 Kelvin Cross Sections

54-Xe-133m



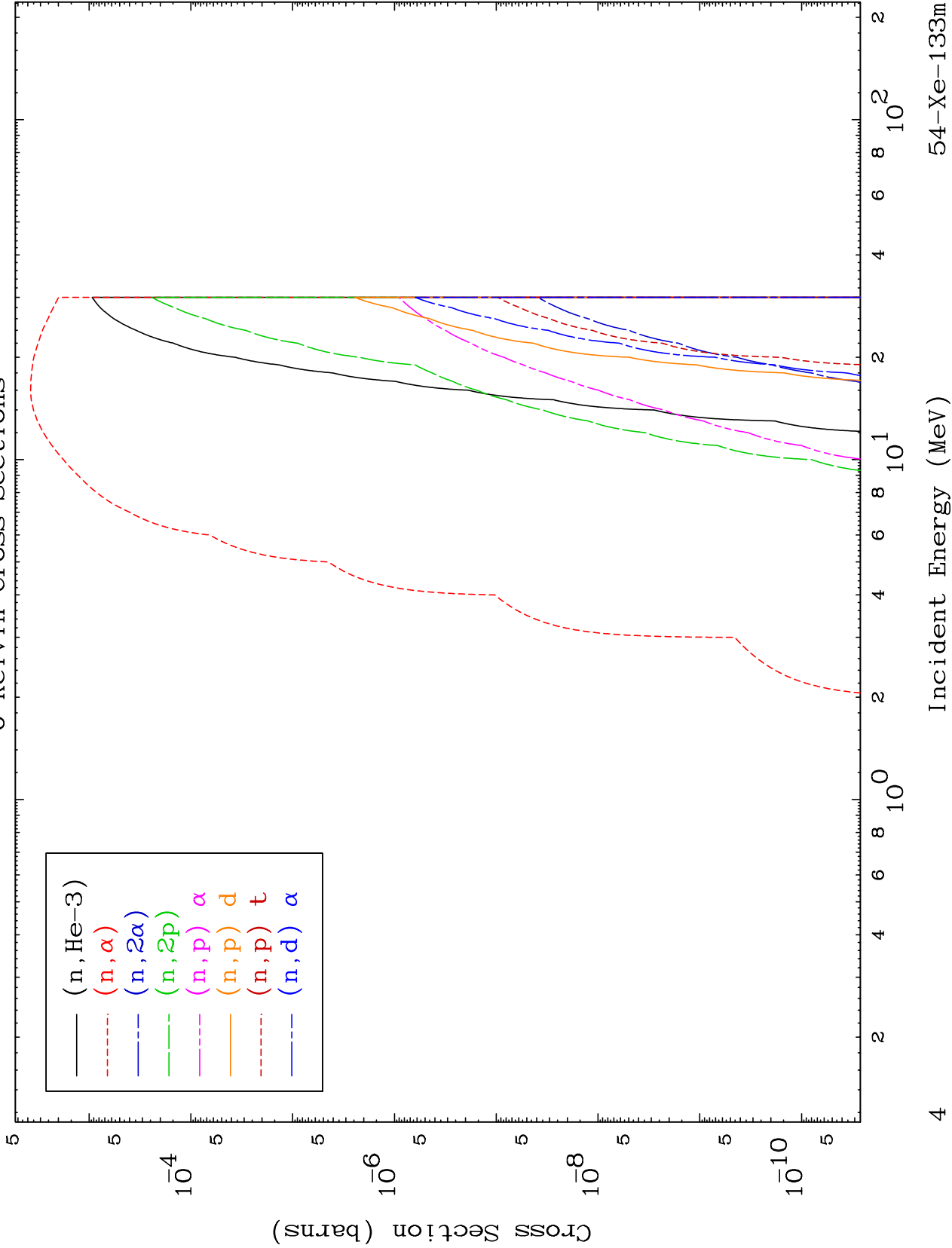
54-Xe-133m

Incident Energy (MeV)

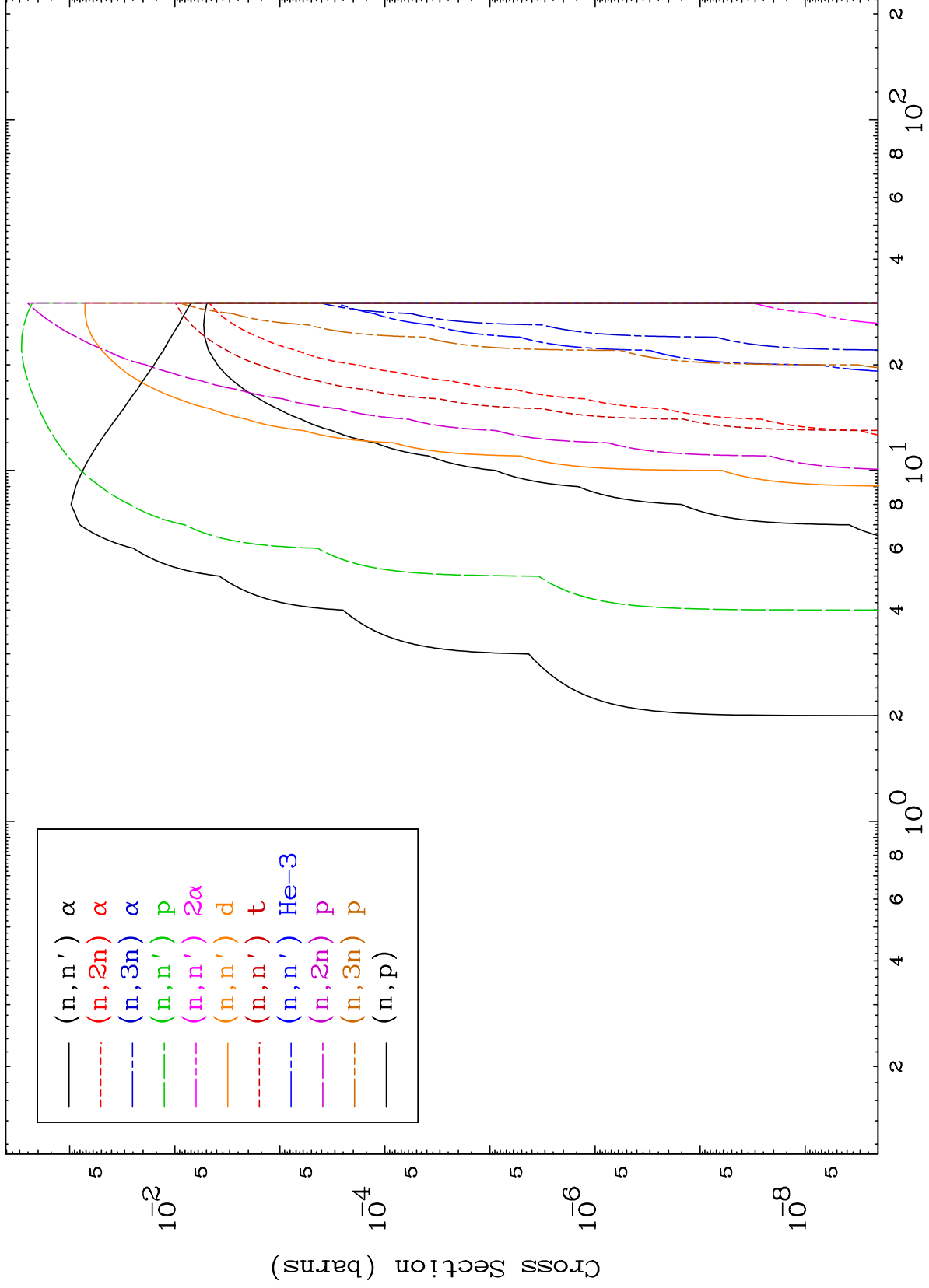
MAT 5453

Deuteron Neutron Absorption
0 Kelvin Cross Sections

54-Xe-133m



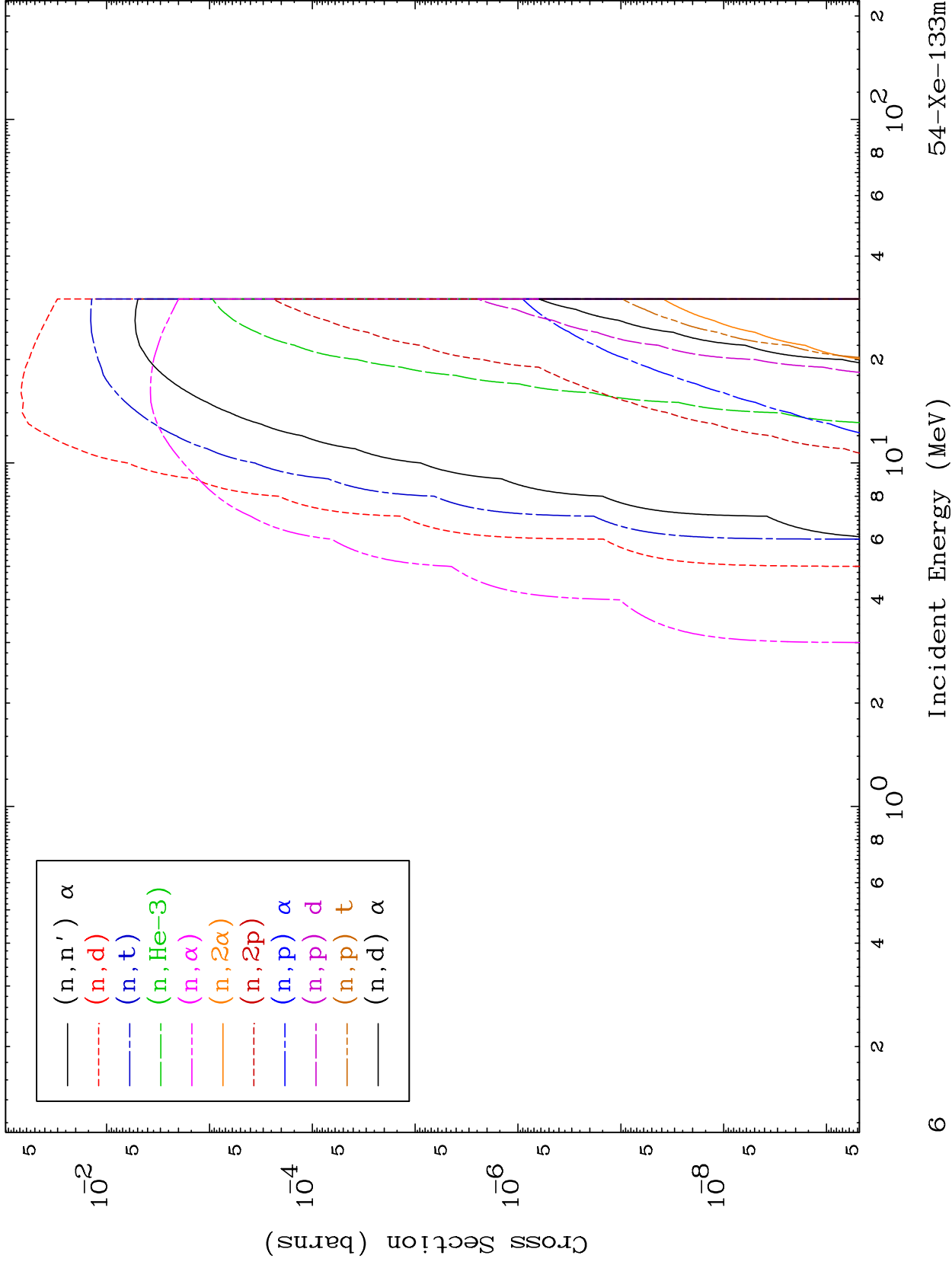
54-Xe-133m



MAT 5453

Deuteron Charged Particle
0 Kelvin Cross Sections

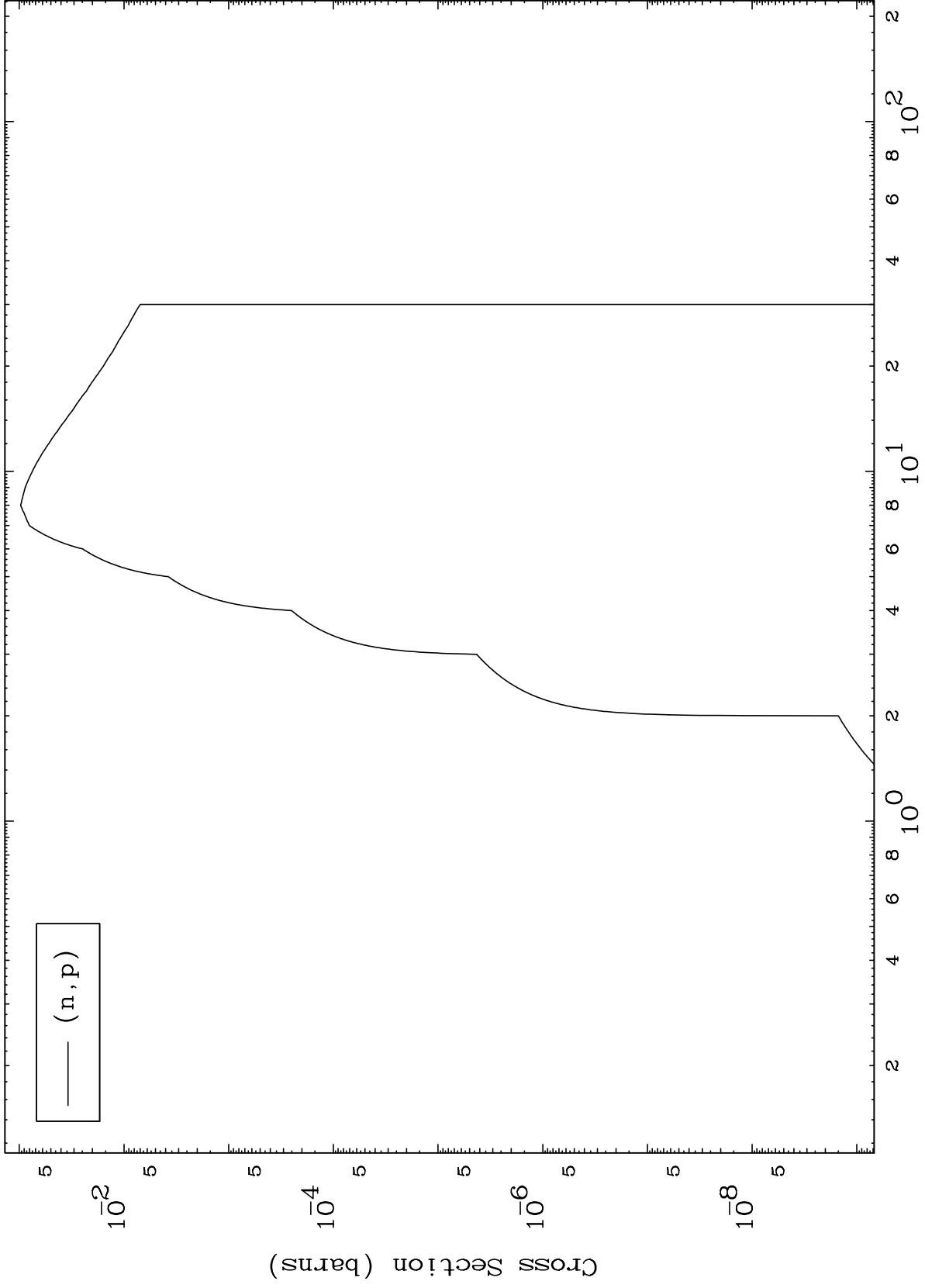
54-Xe-133m



MAT 5453

(d,p) Levels
0 Kelvin Cross Sections

54-Xe-133m

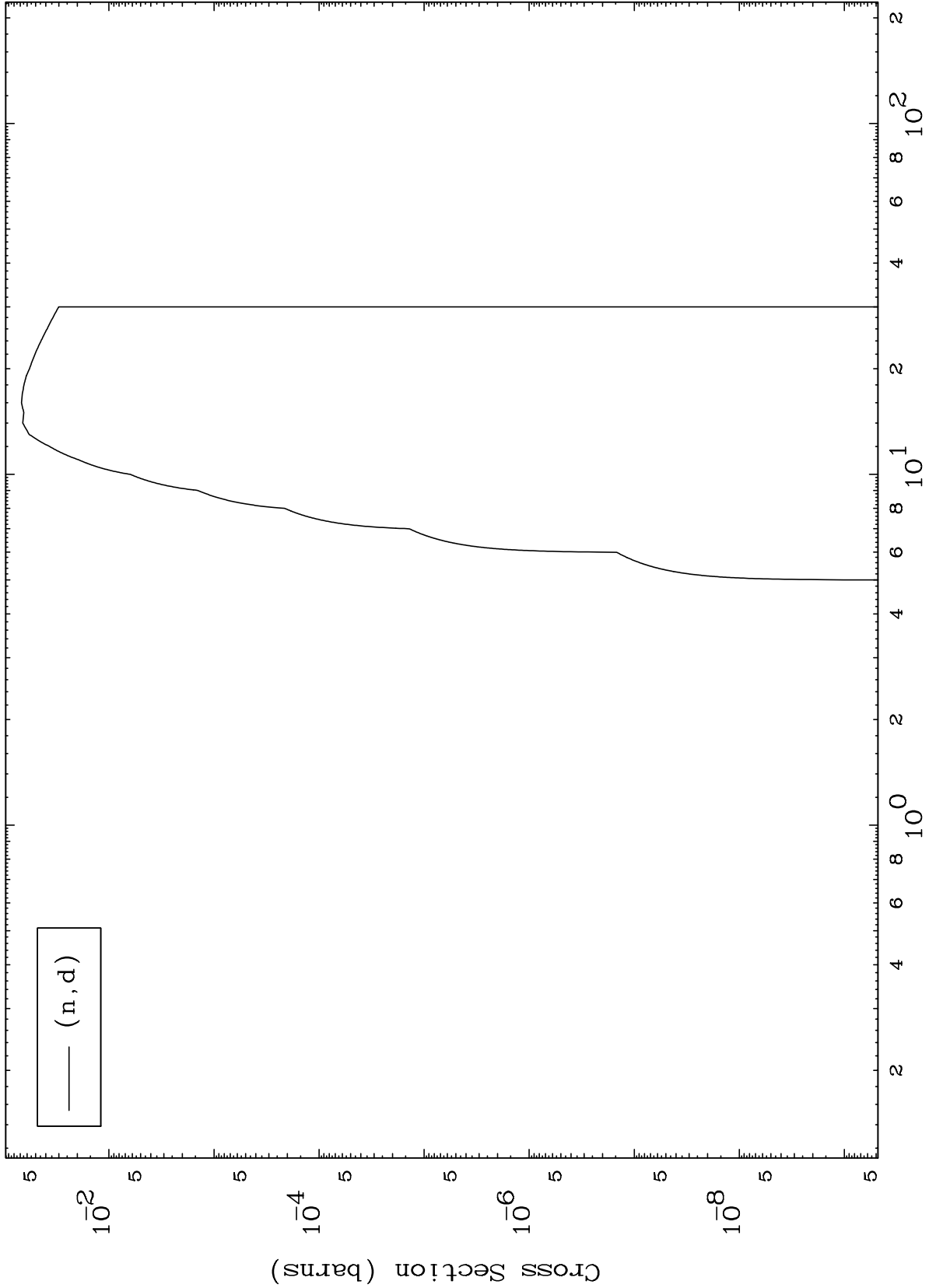


MAT 5453

(d,d) Levels

54-Xe-133m

0 Kelvin Cross Sections



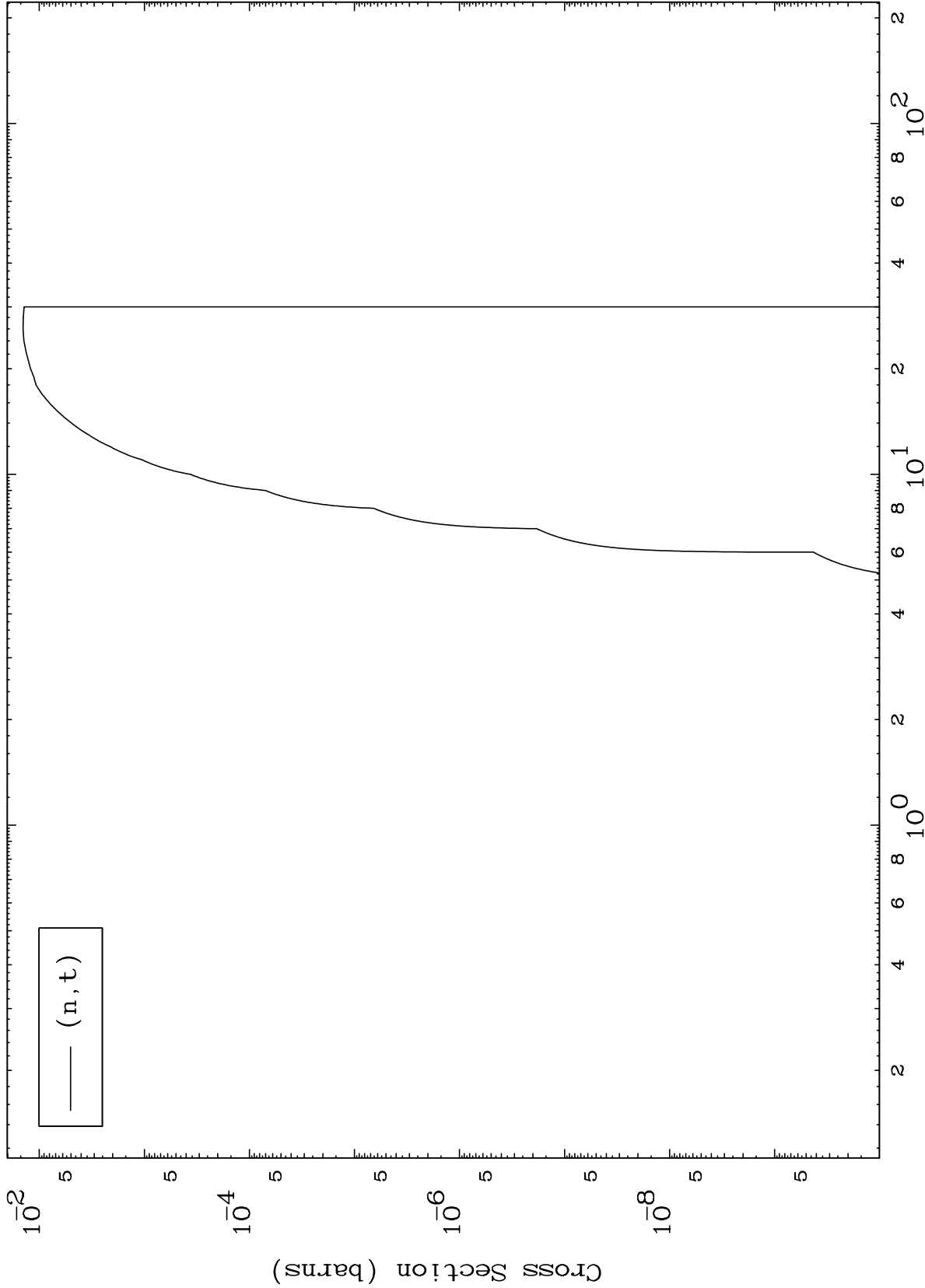
(n,d)

MAT 5453

(d, t) Levels

54-Xe-133m

0 Kelvin Cross Sections



(n, t)

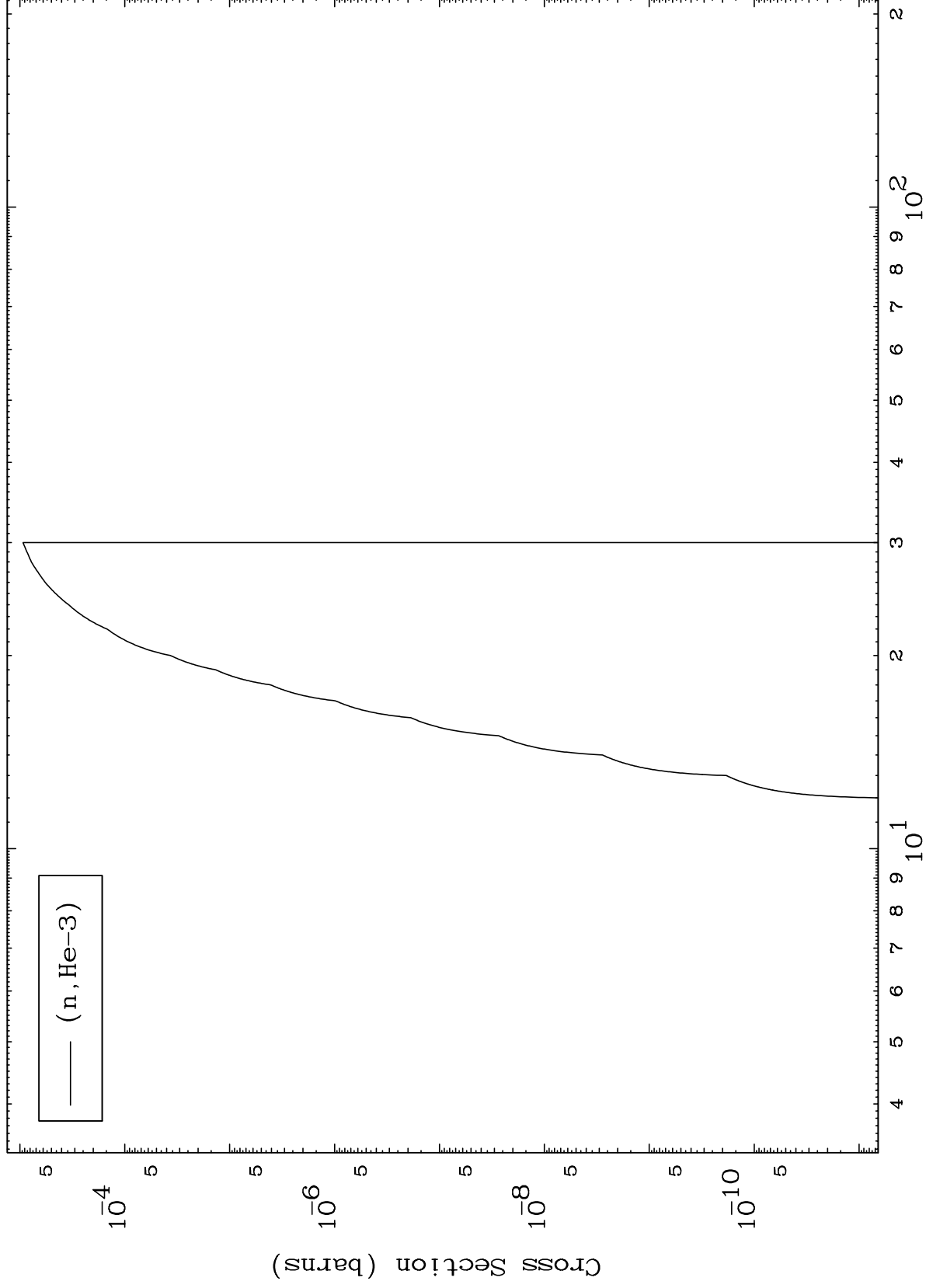
Incident Energy (MeV)

54-Xe-133m

MAT 5453

(d,He3) Levels
0 Kelvin Cross Sections

54-Xe-133m



10

Incident Energy (MeV)

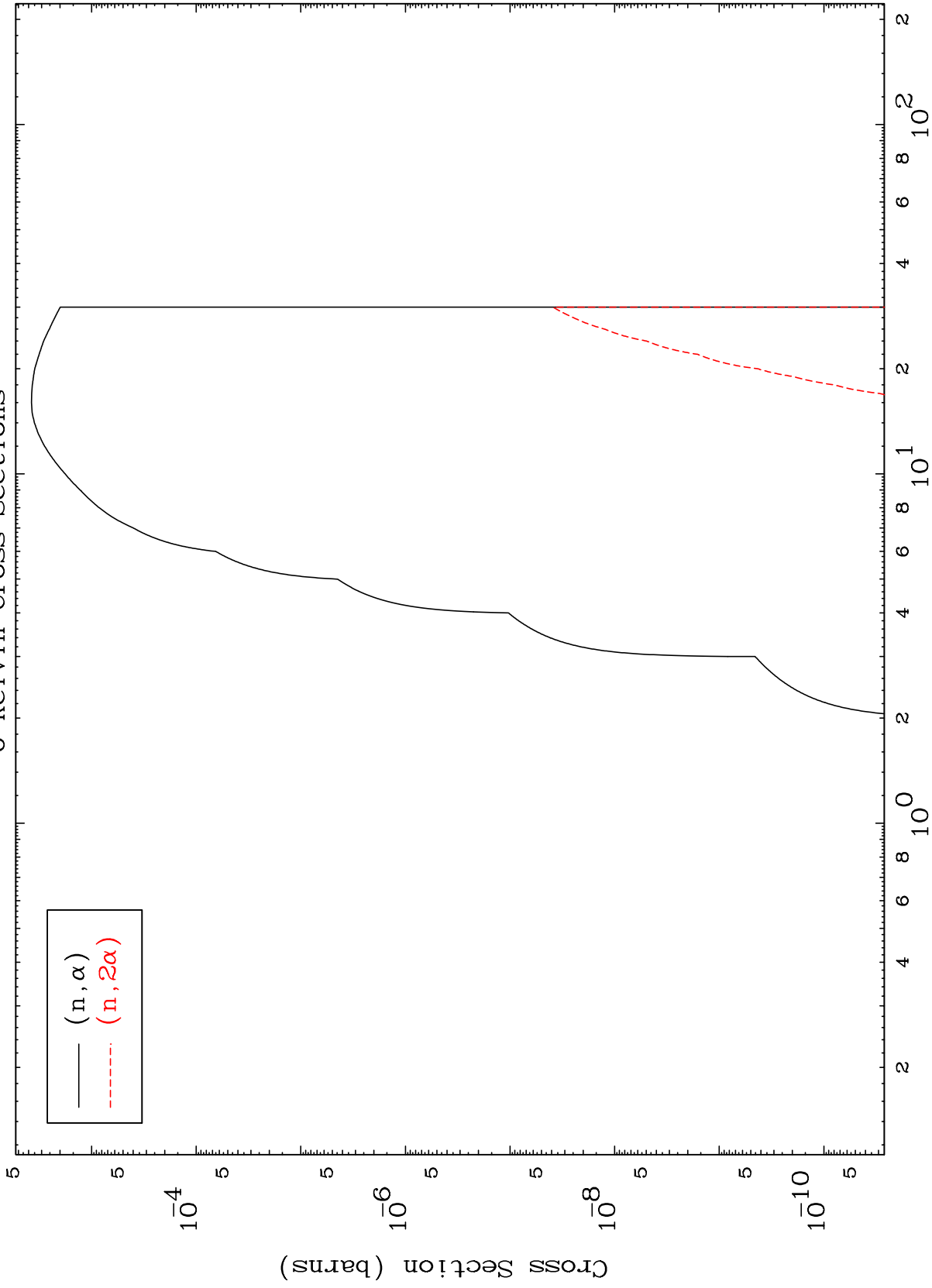
54-Xe-133m

MAT 5453

(d, α) Levels

54-Xe-133m

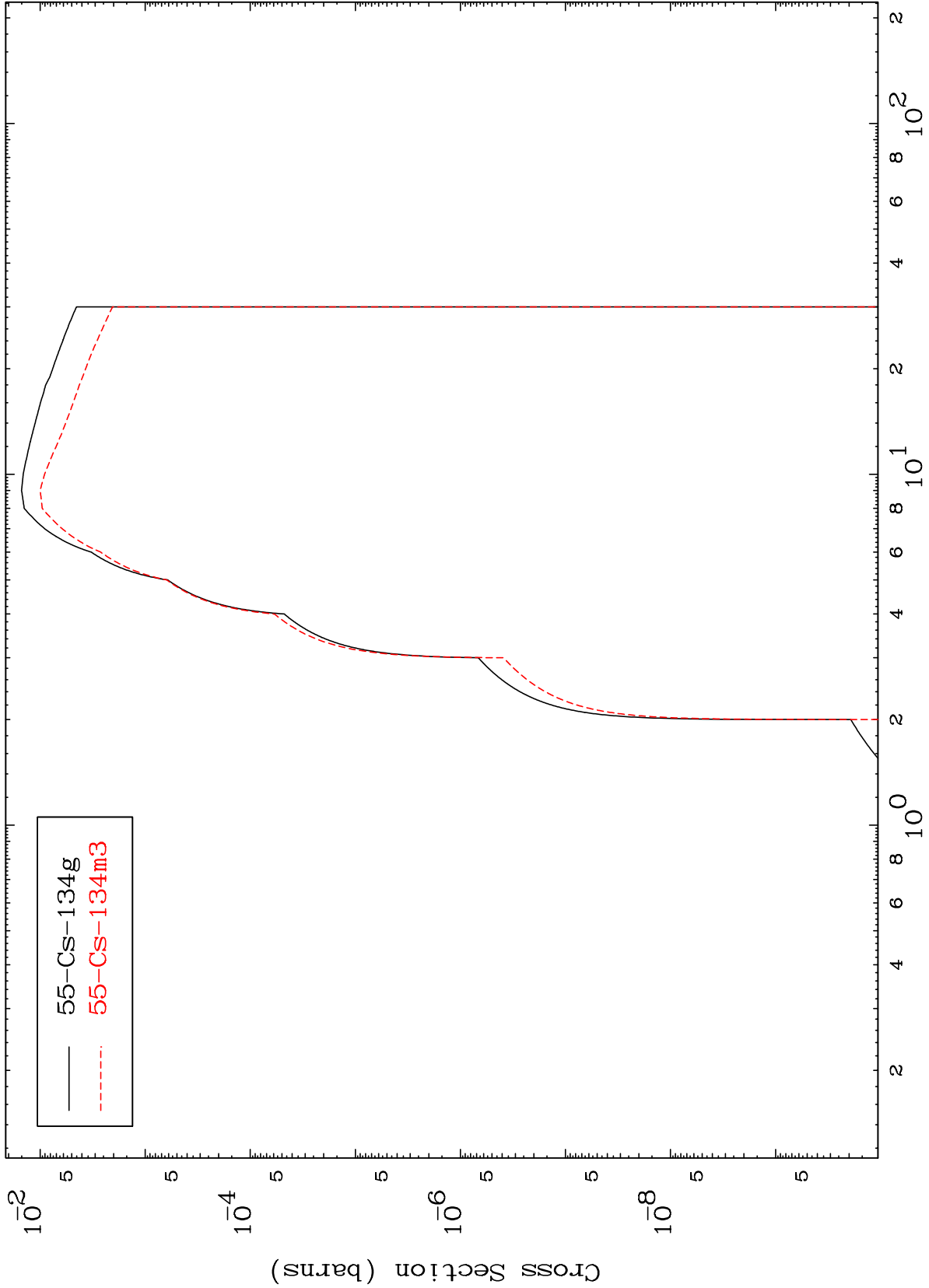
0 Kelvin Cross Sections



MAT 5453

54-Xe-133m

Inelastic
Radionuclide Production Cross Section

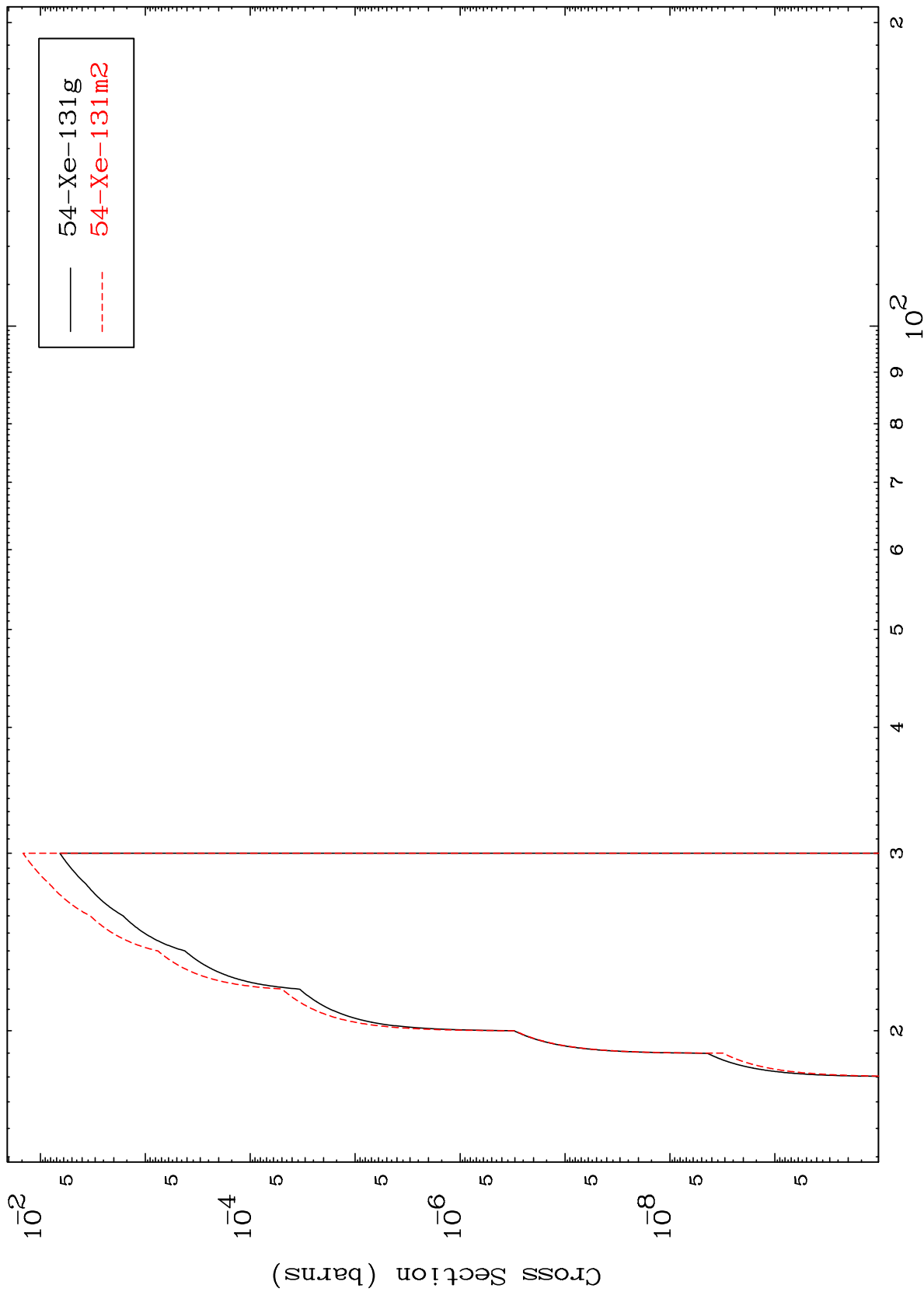


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(n,2n) d

54-Xe-133m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

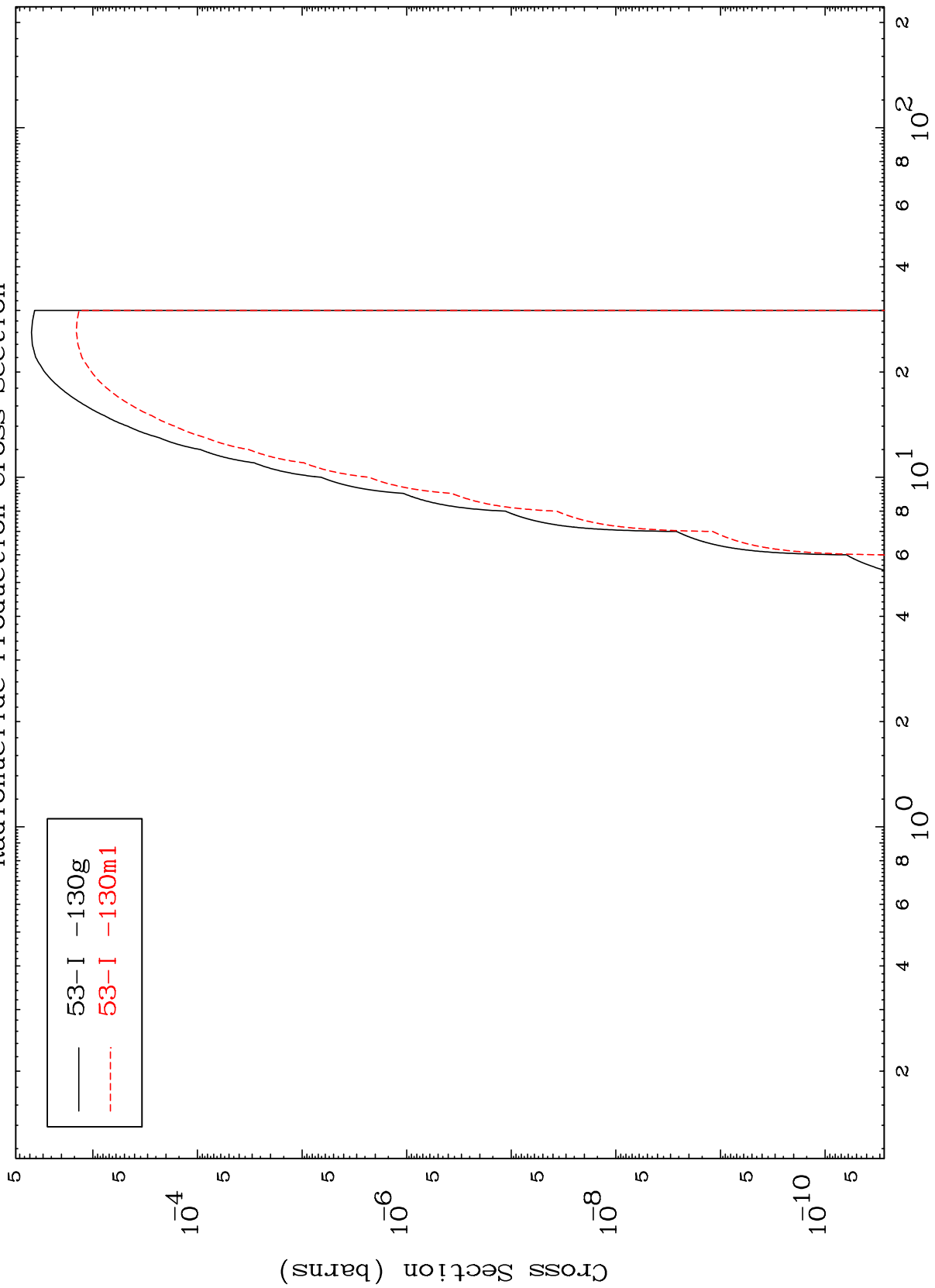
54-Xe-133m

MAT 5453

$(n, n') \alpha$

54-Xe-133m

Radionuclide Production Cross Section

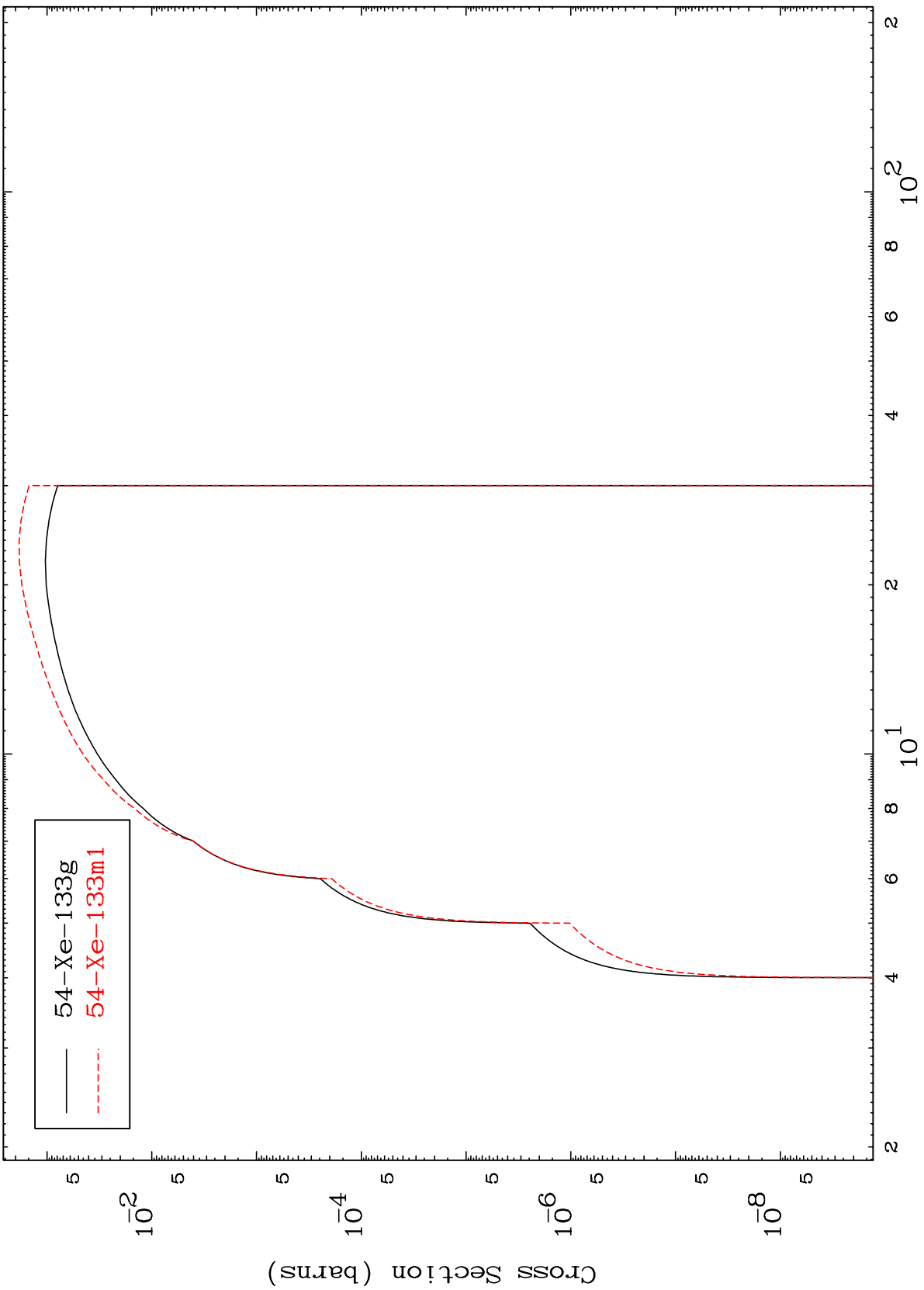


MAT 5453

54-Xe-133m

Radionuclide Production Cross Section

(n,n') p



15

Incident Energy (MeV)

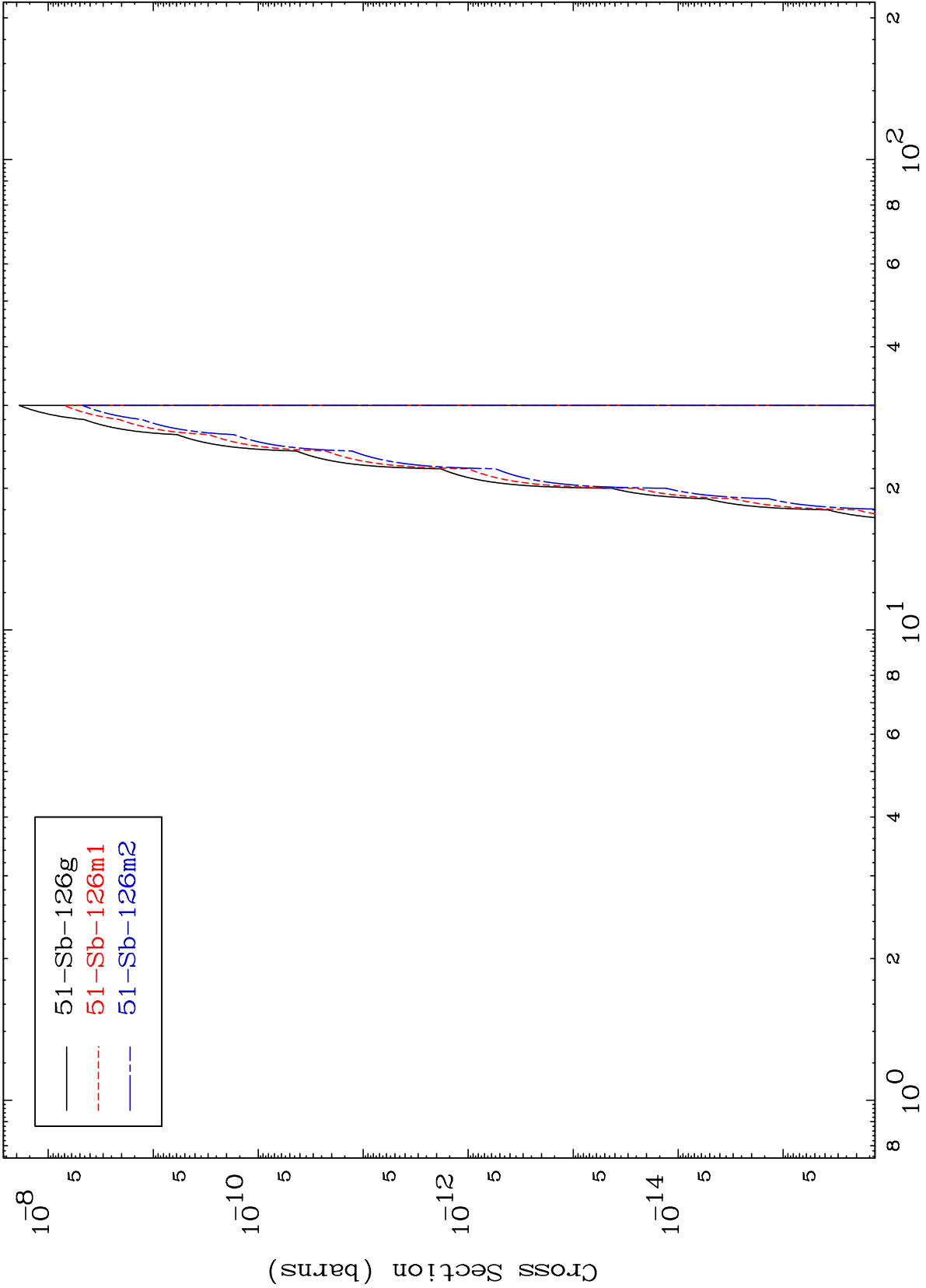
54-Xe-133m

MAT 5453

(n,n') 2 α

54-Xe-133m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

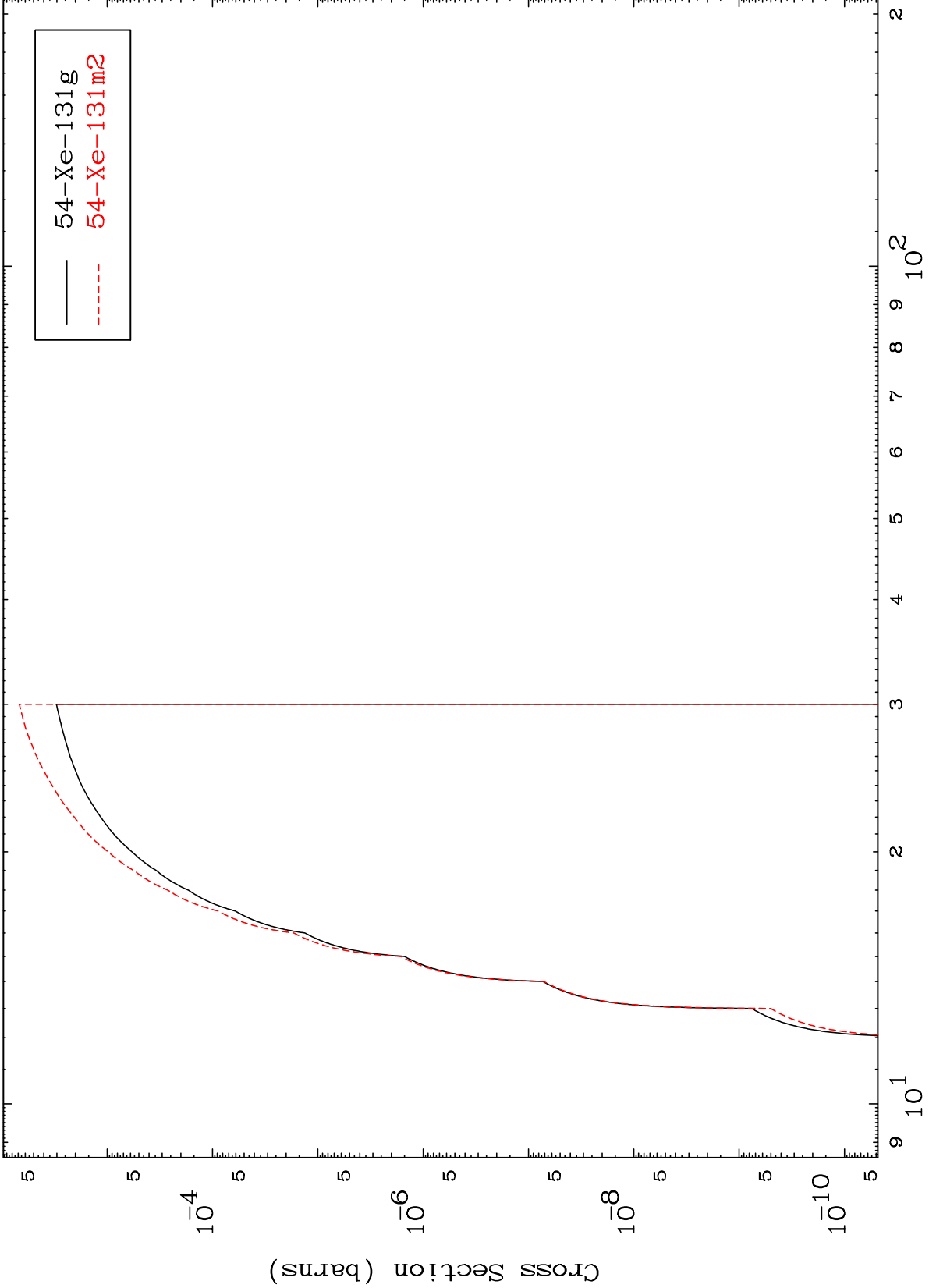
54-Xe-133m

MAT 5453

(n,n') t

54-Xe-133m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

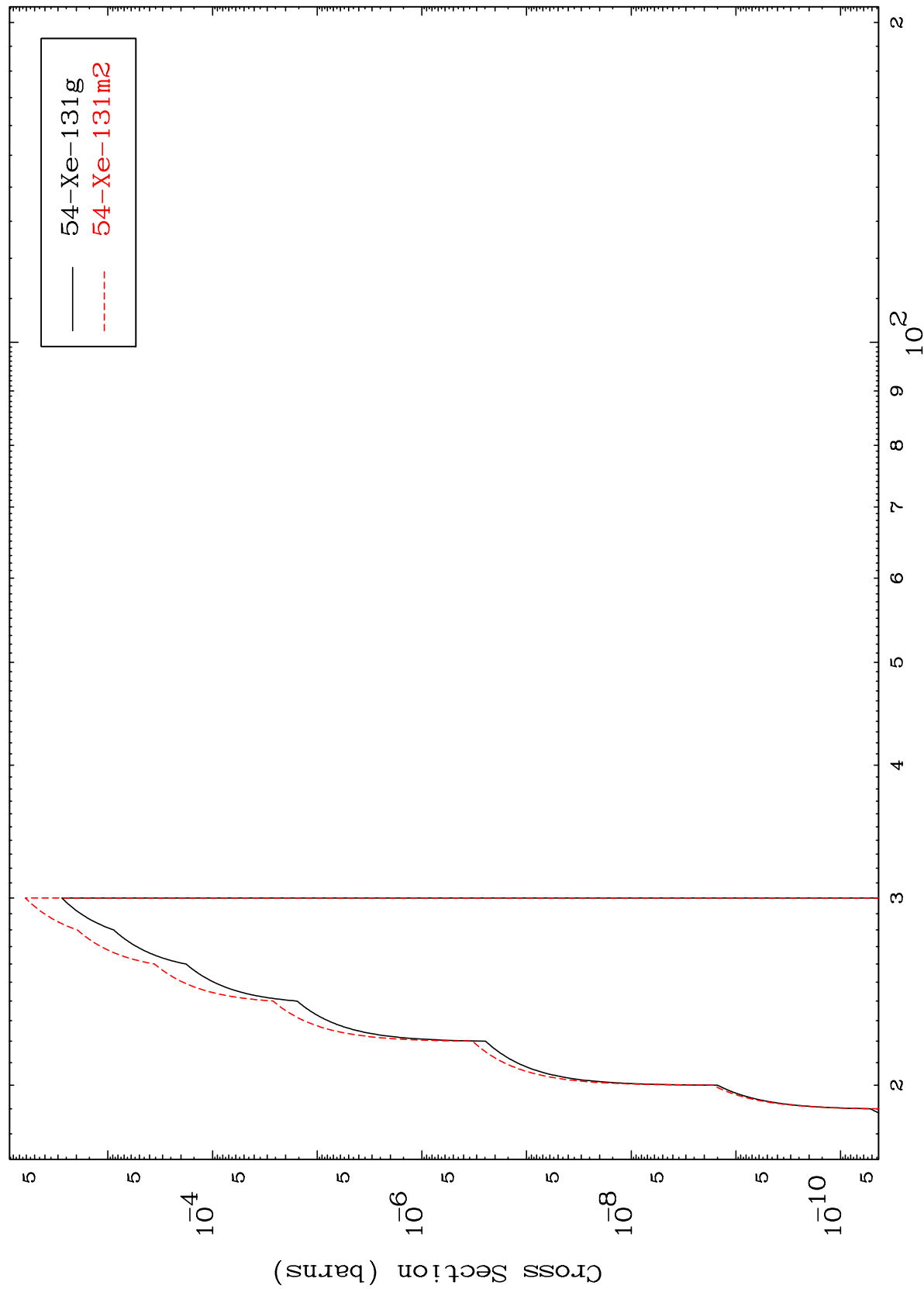
54-Xe-133m

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(n,3n) p

54-Xe-133m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

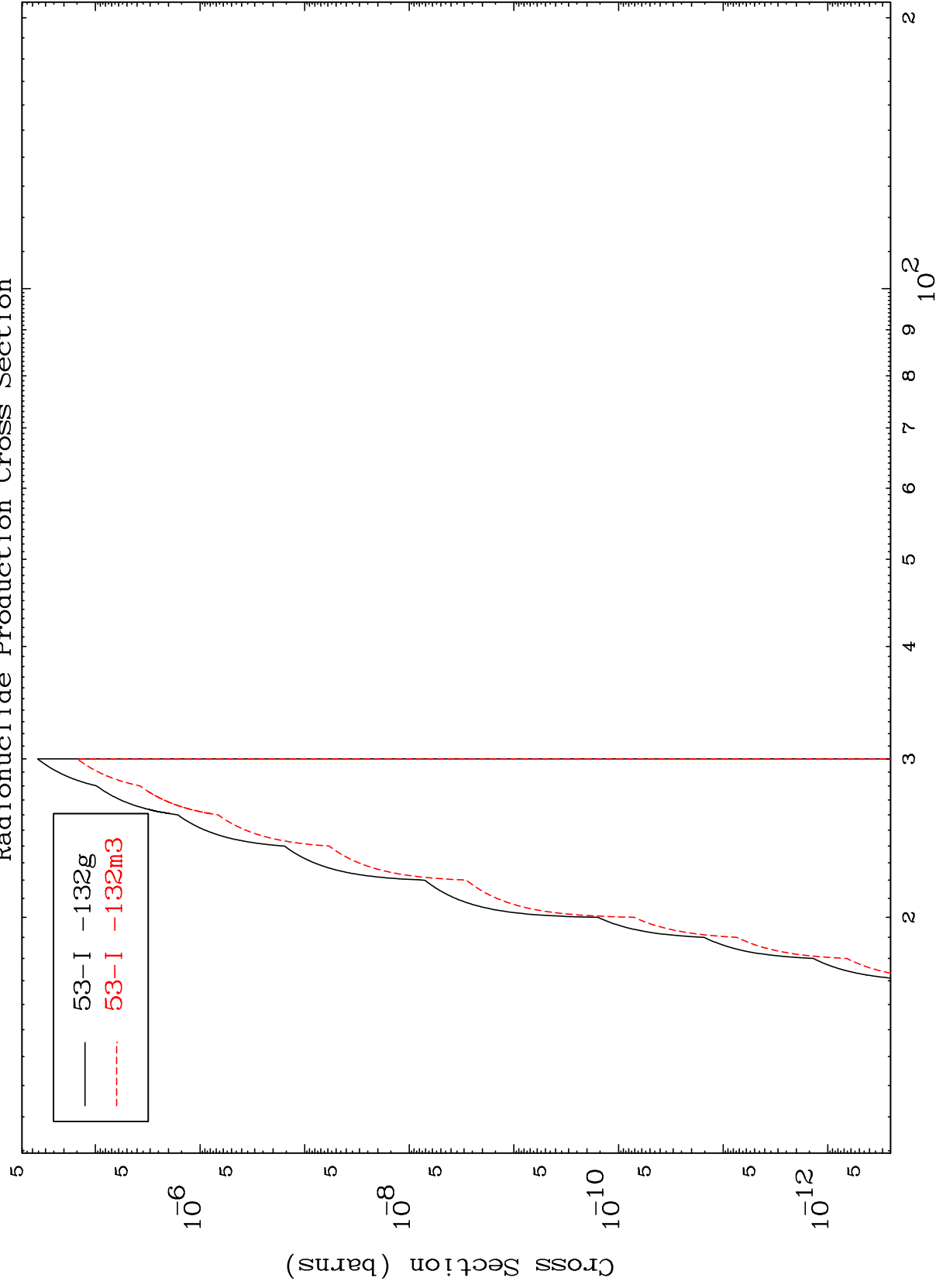
54-Xe-133m

MAT 5453

54-Xe-133m

(n,2n) p

Radionuclide Production Cross Section



19

Incident Energy (MeV)

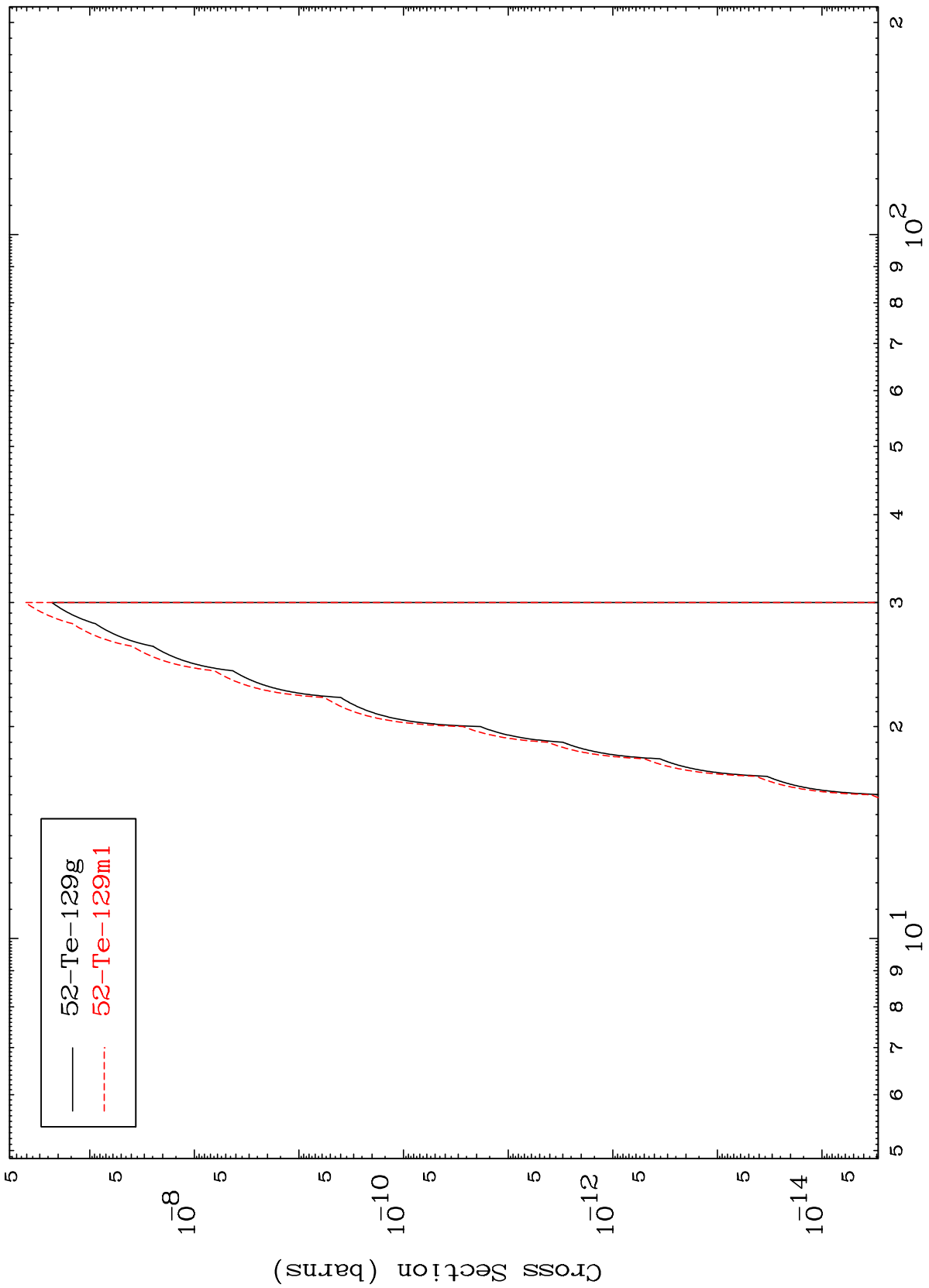
54-Xe-133m

MAT 5453

(n,n') p α

54-Xe-133m

Radionuclide Production Cross Section



20

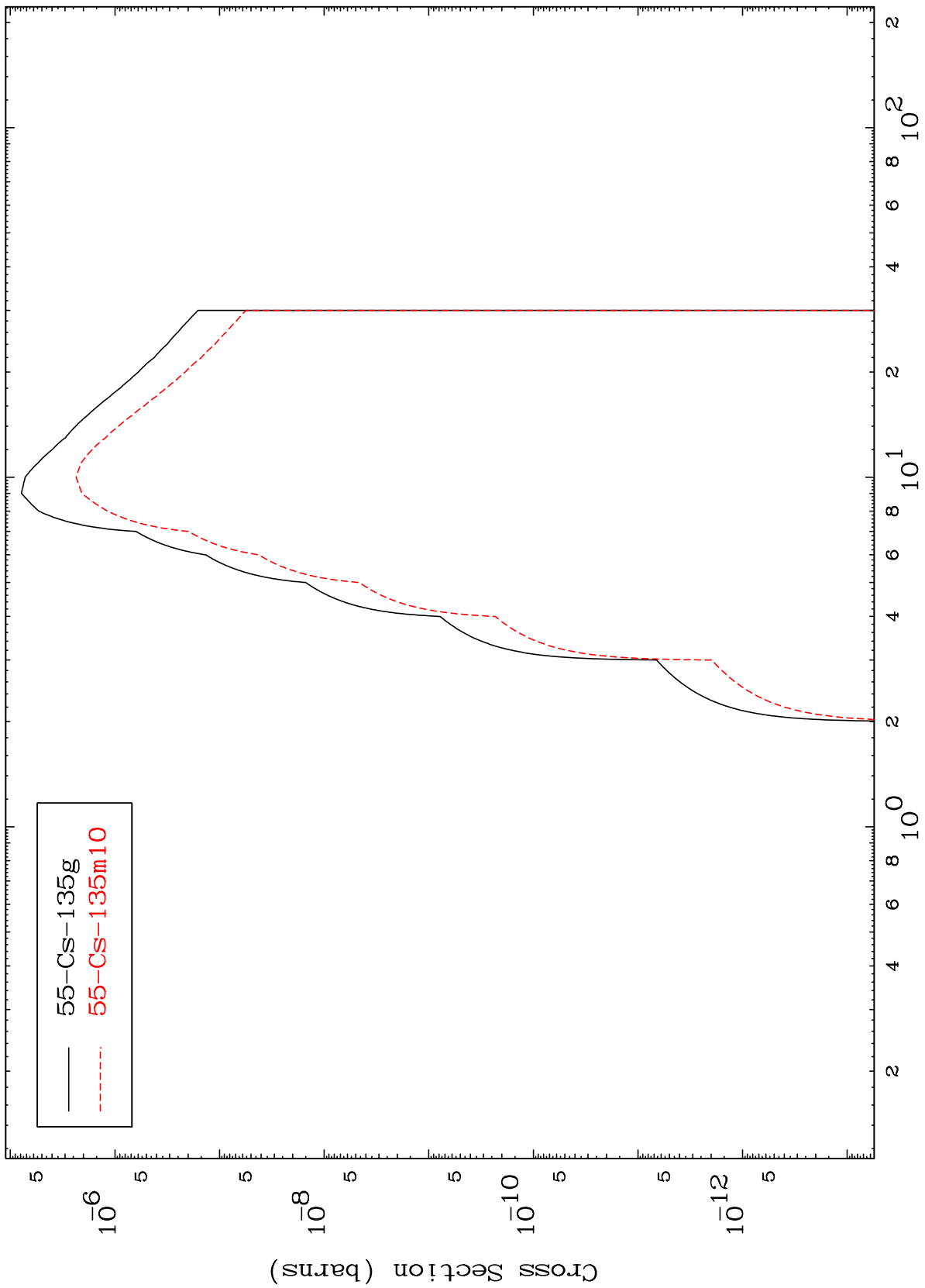
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n, γ)
Radionuclide Production Cross Section



— 55-Cs-135g
- - - 55-Cs-135m10

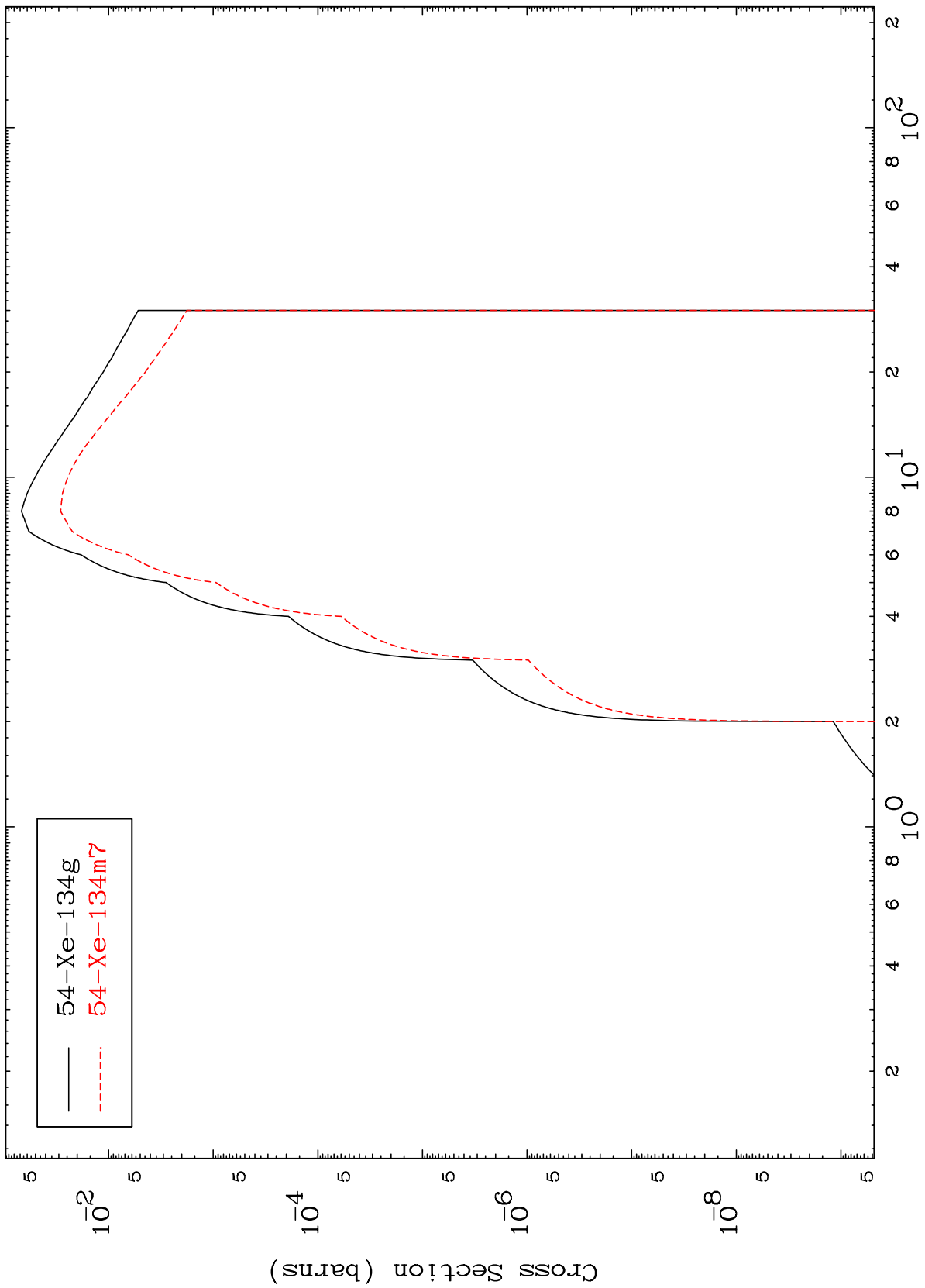
54-Xe-133m

Incident Energy (MeV)

MAT 5453

54-Xe-133m

(n,p)
Radionuclide Production Cross Section



54-Xe-133m

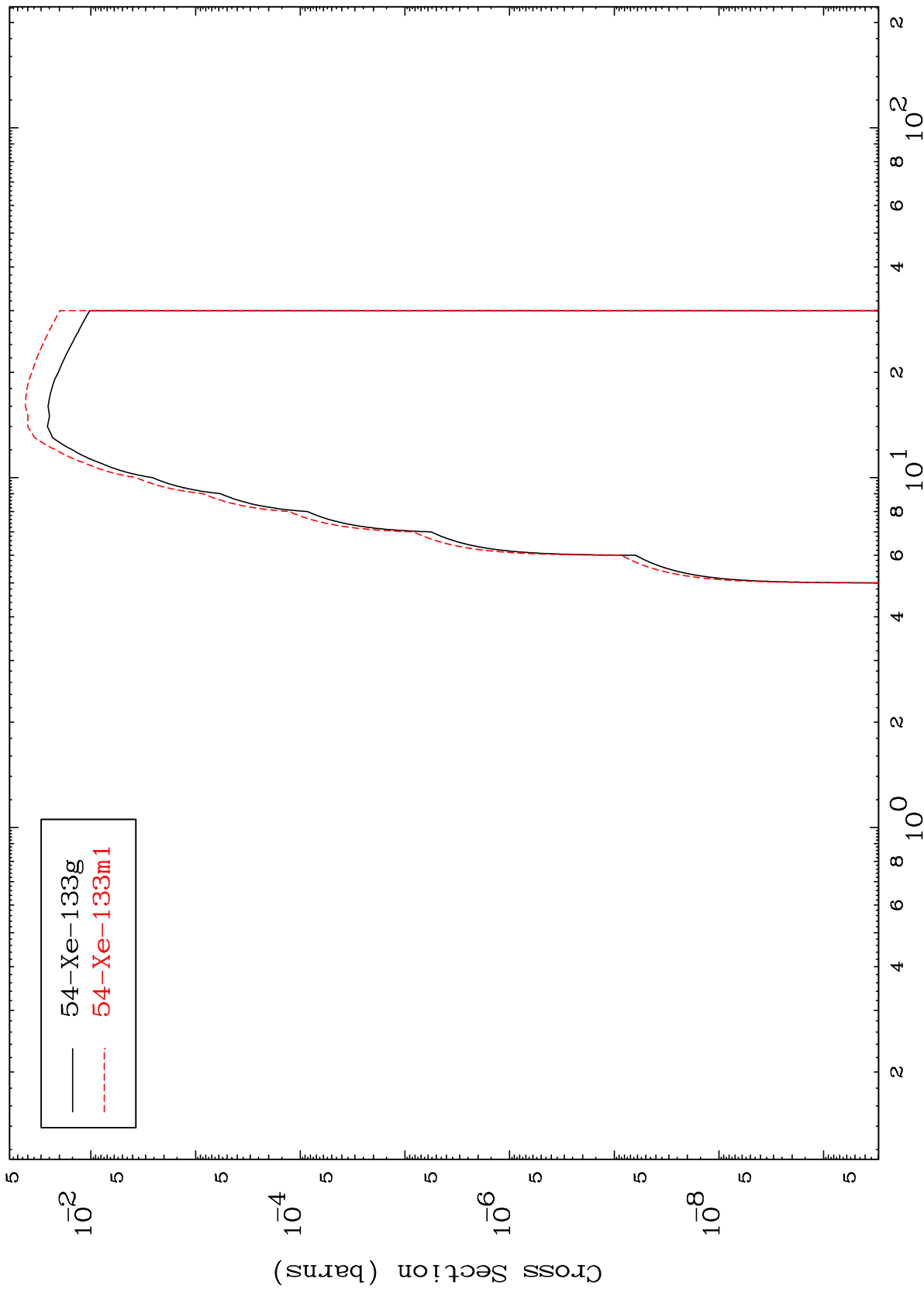
Incident Energy (MeV)

22

MAT 5453

54-Xe-133m

(n,d)
Radionuclide Production Cross Section



54-Xe-133m

Incident Energy (MeV)

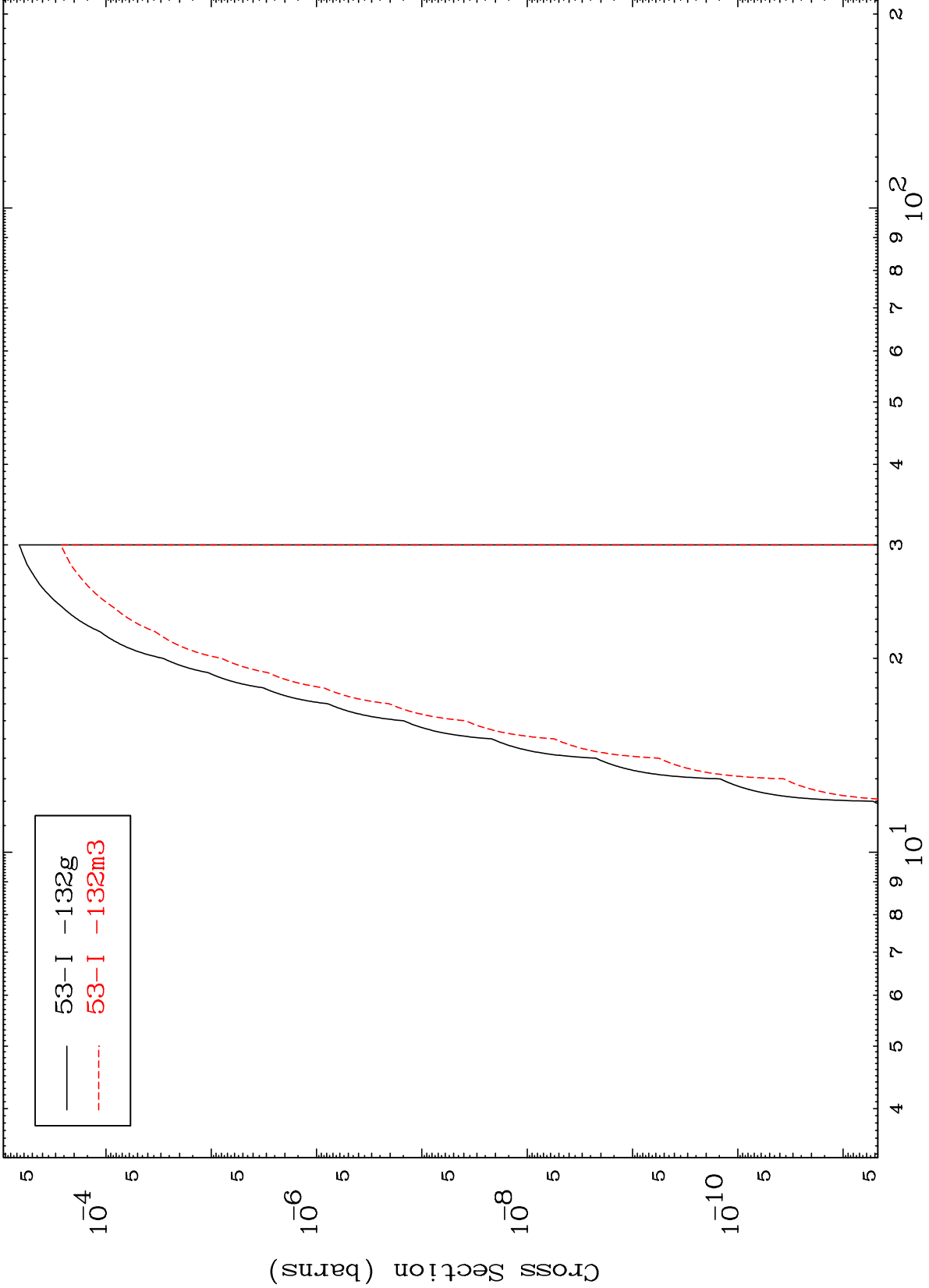
23

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(n,He-3)

54-Xe-133m

Radionuclide Production Cross Section



53-I-132g
53-I-132m3

24

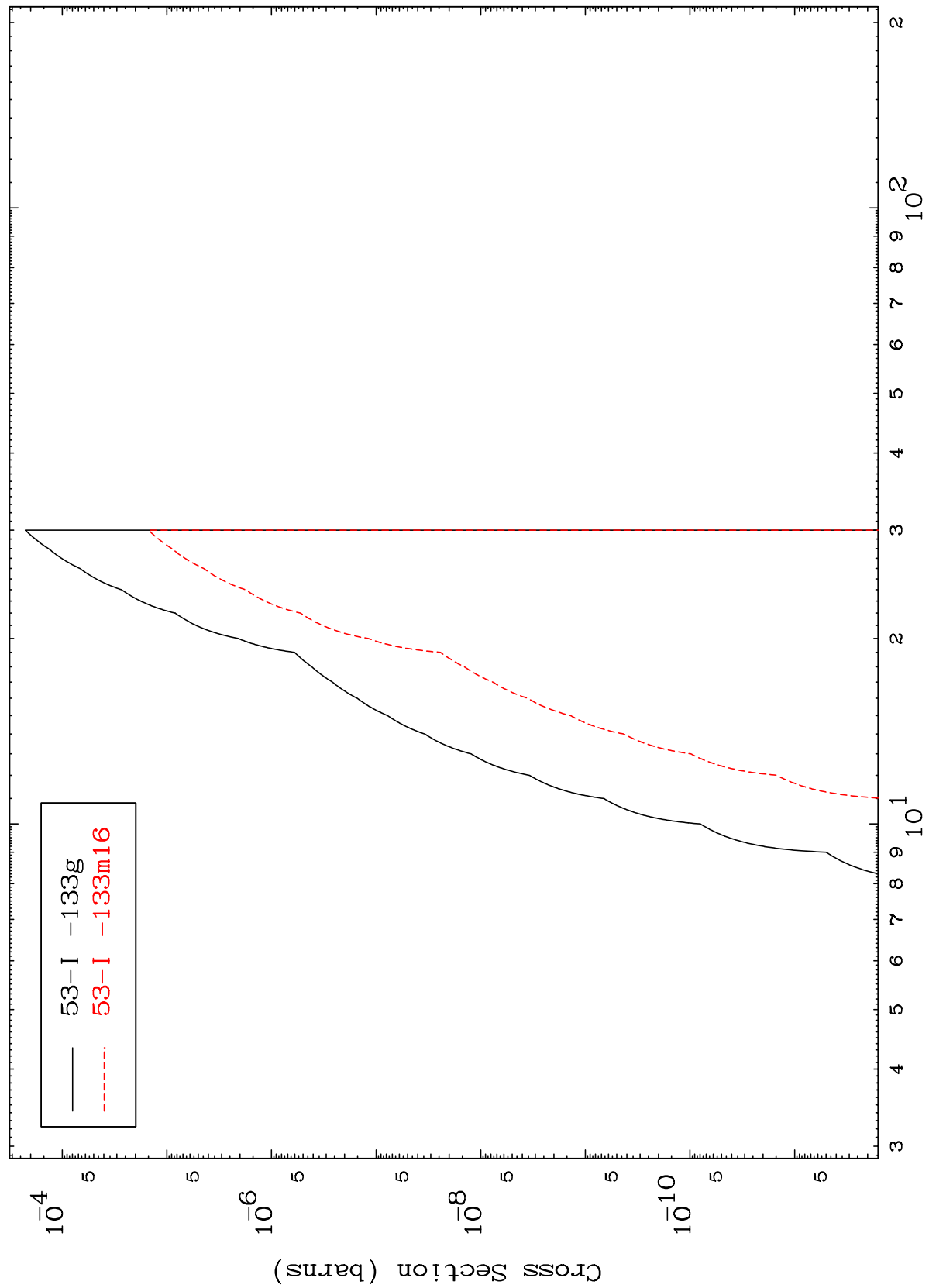
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n,2p)
Radionuclide Production Cross Section



54-Xe-133m

Incident Energy (MeV)

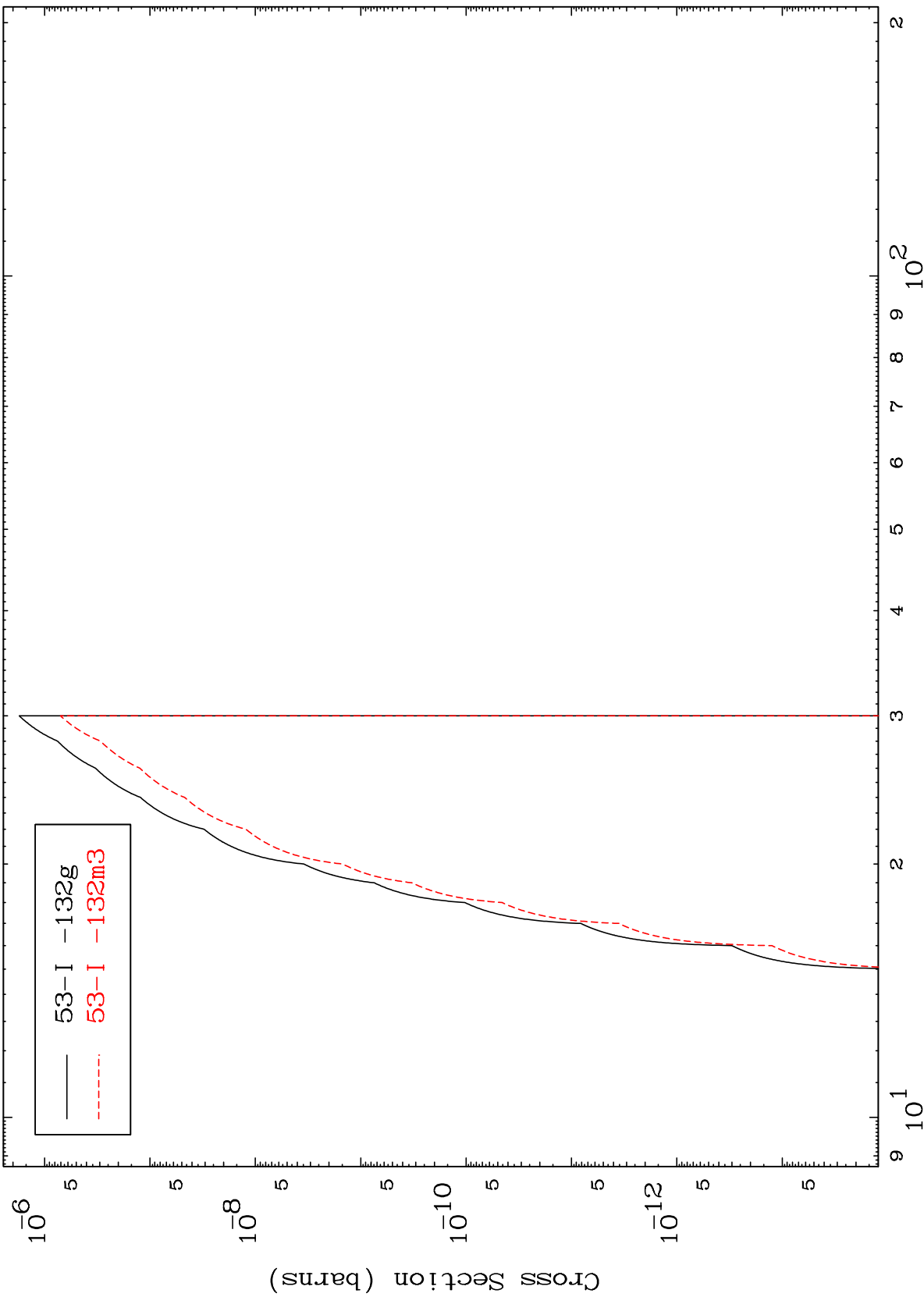
25

MAT 5453

(n,p) d

54-Xe-133m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

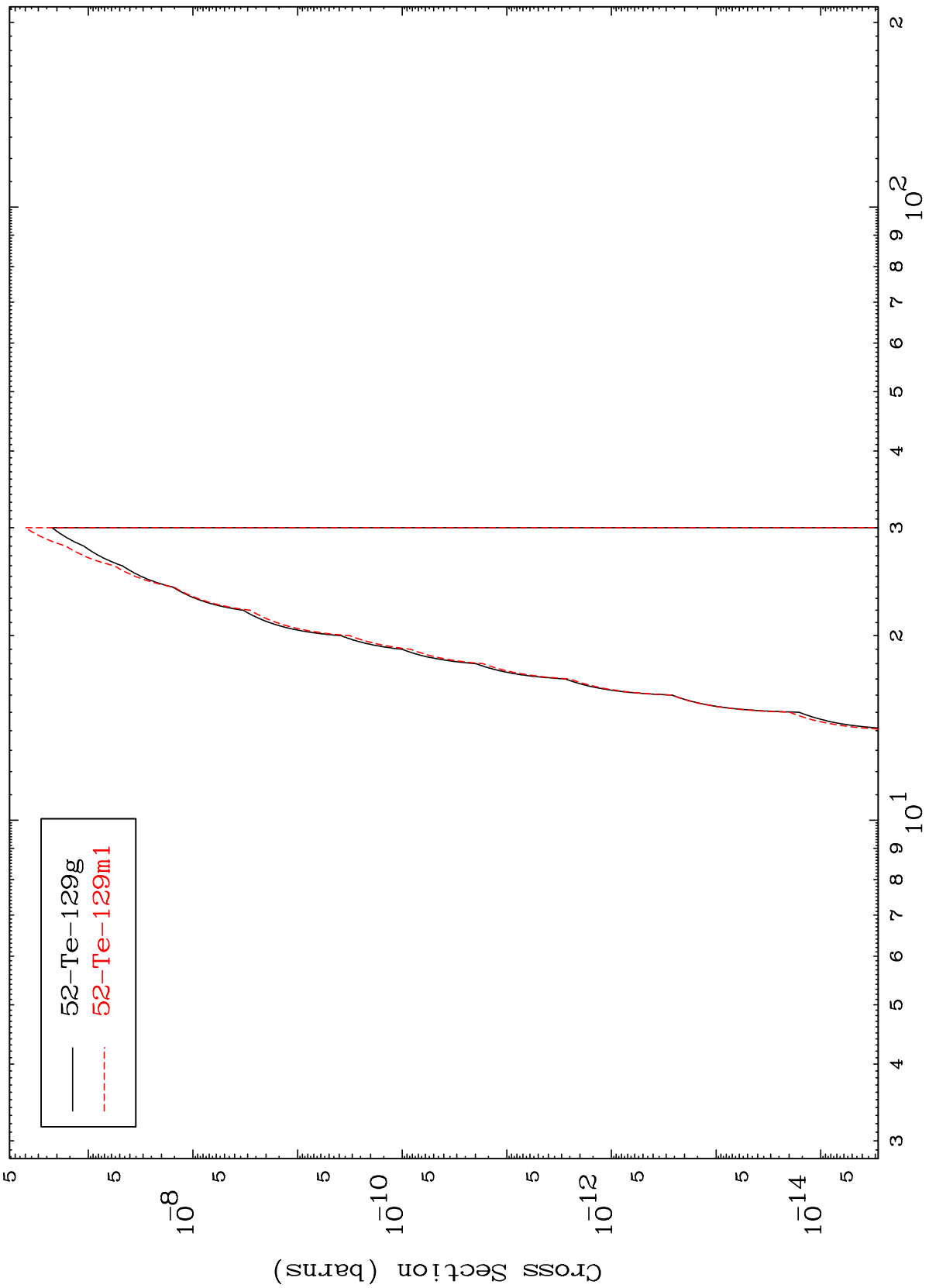
54-Xe-133m

MAT 5453

(n,d) α

54-Xe-133m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-133m

27