

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

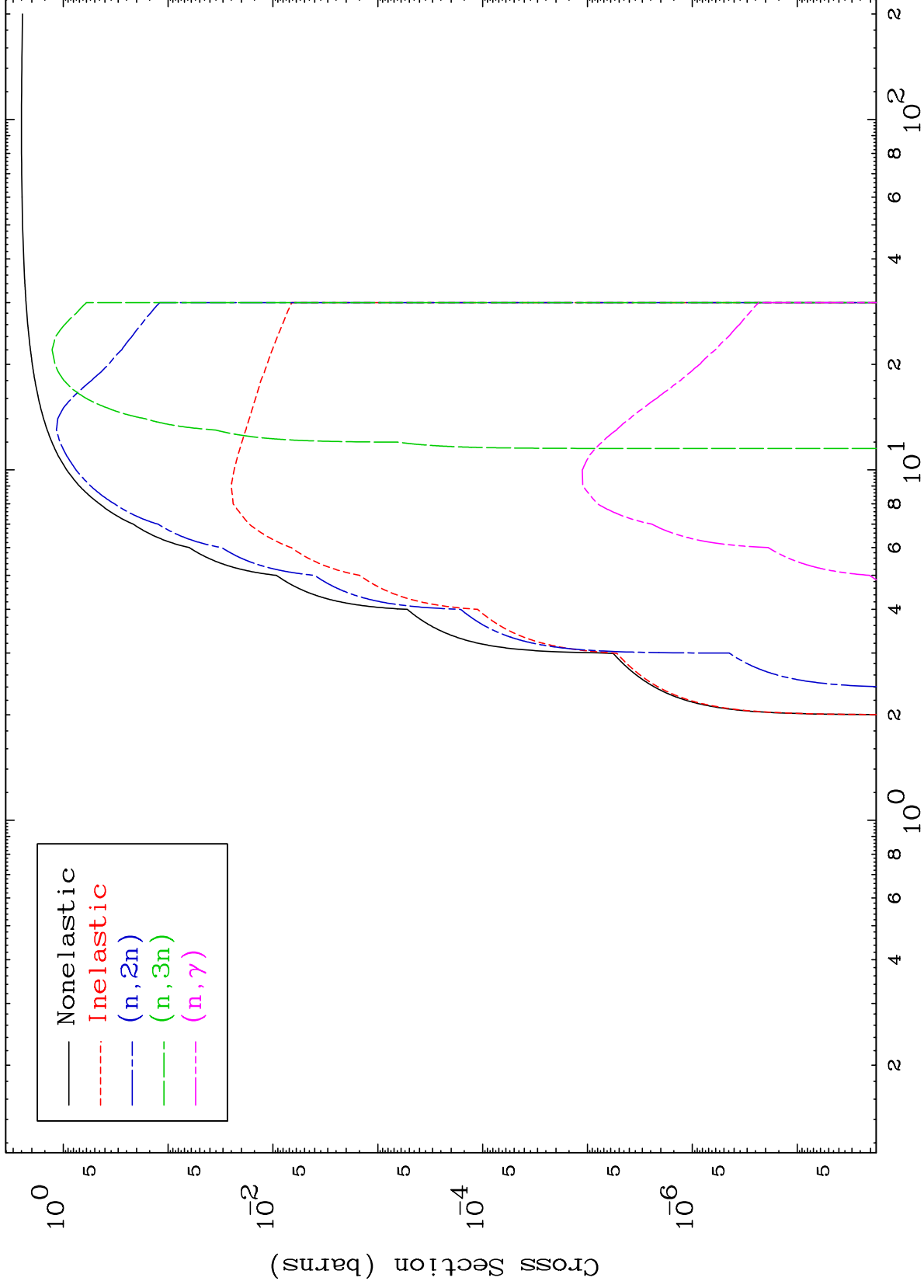
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

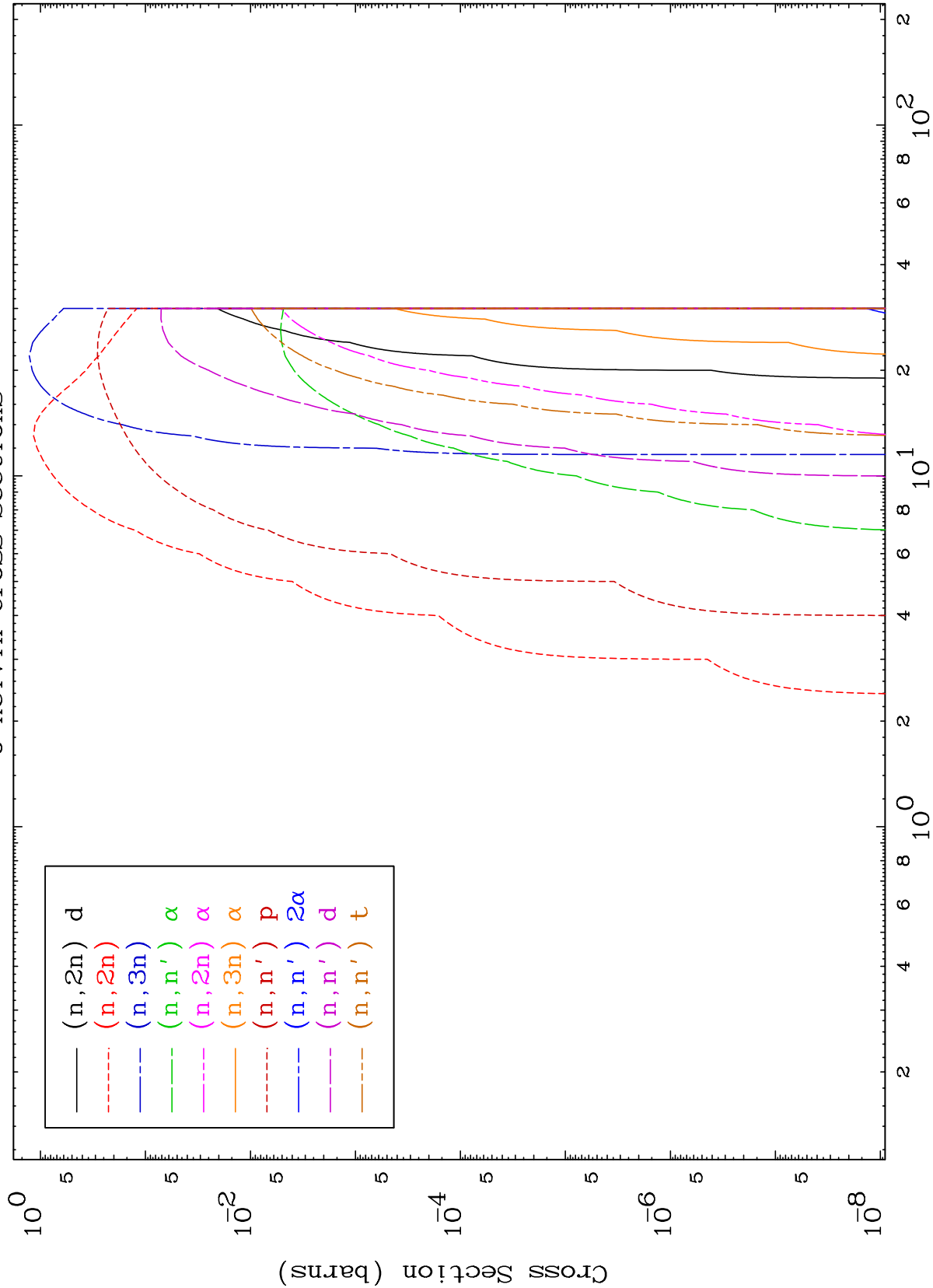
0 Kelvin Cross Sections

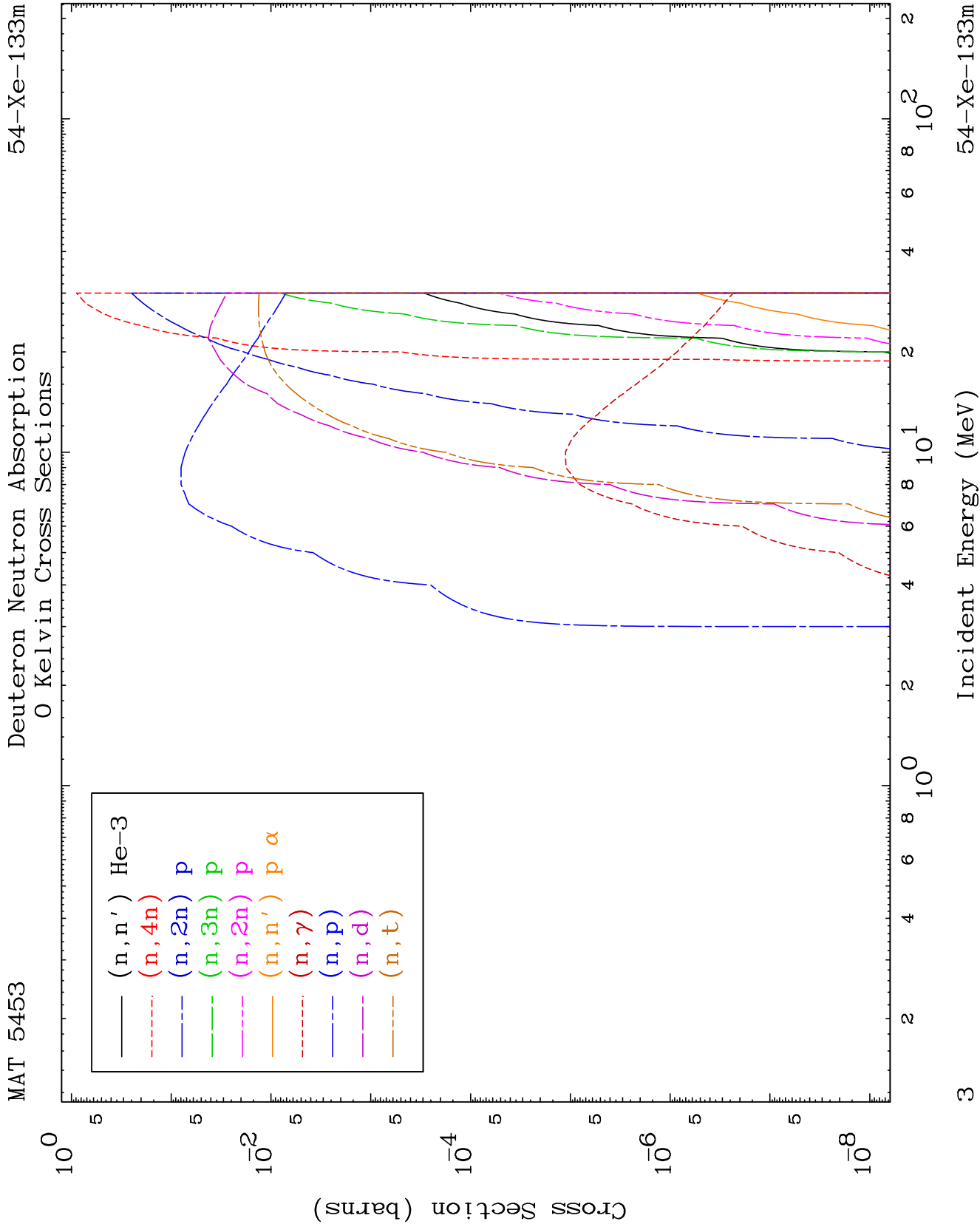


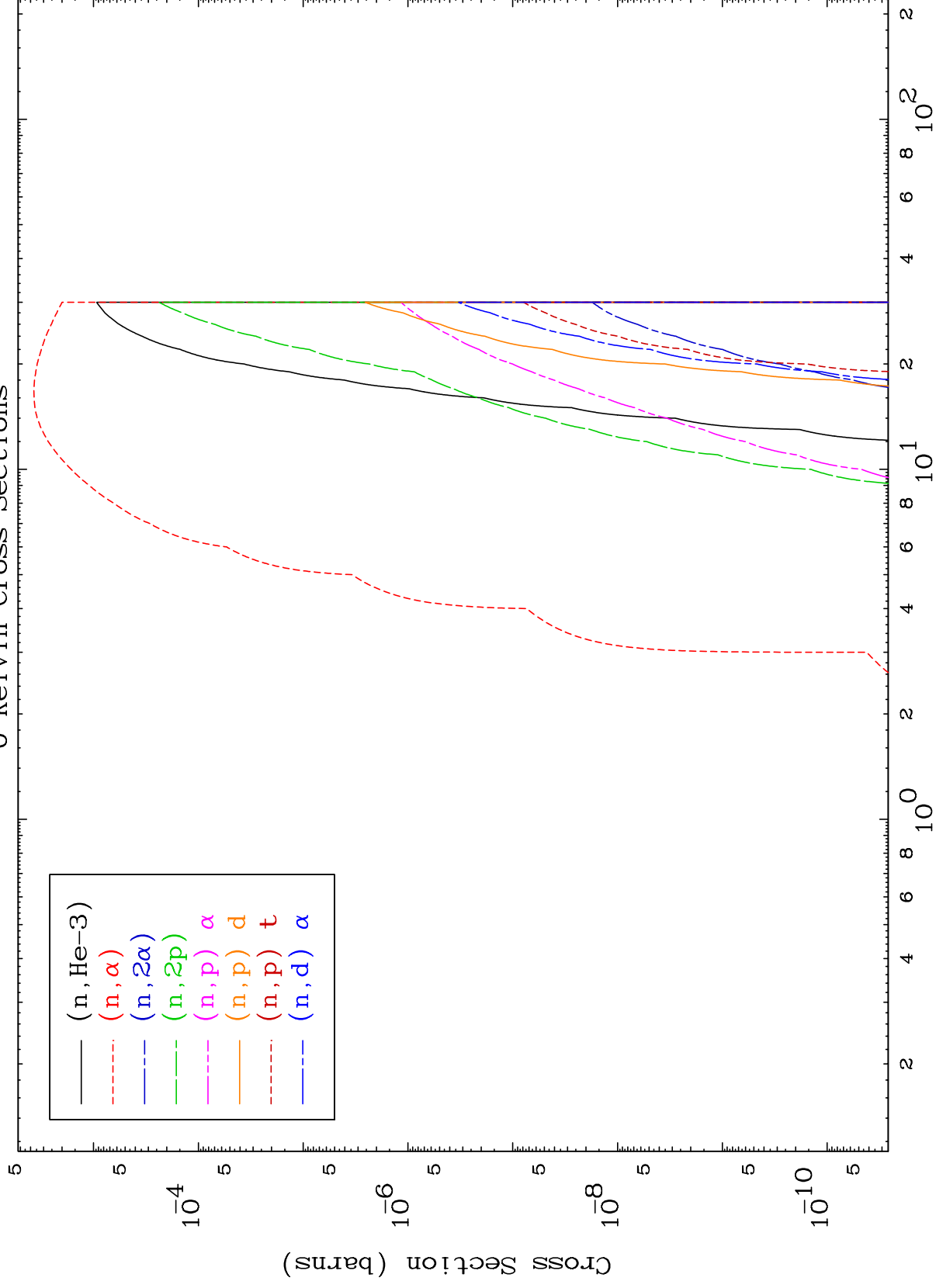
MAT 5453

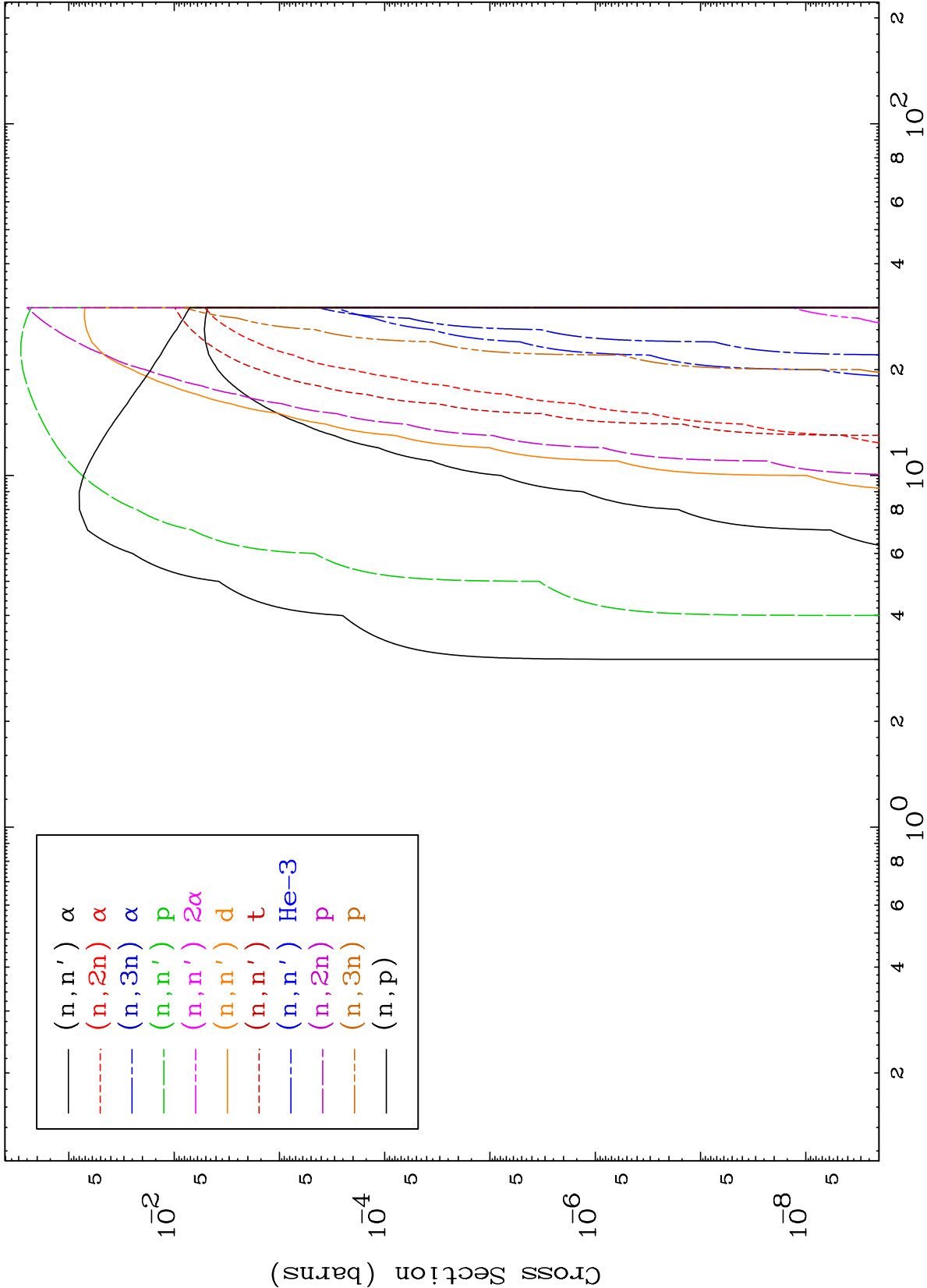
Deuteron Neutron Absorption
0 Kelvin Cross Sections

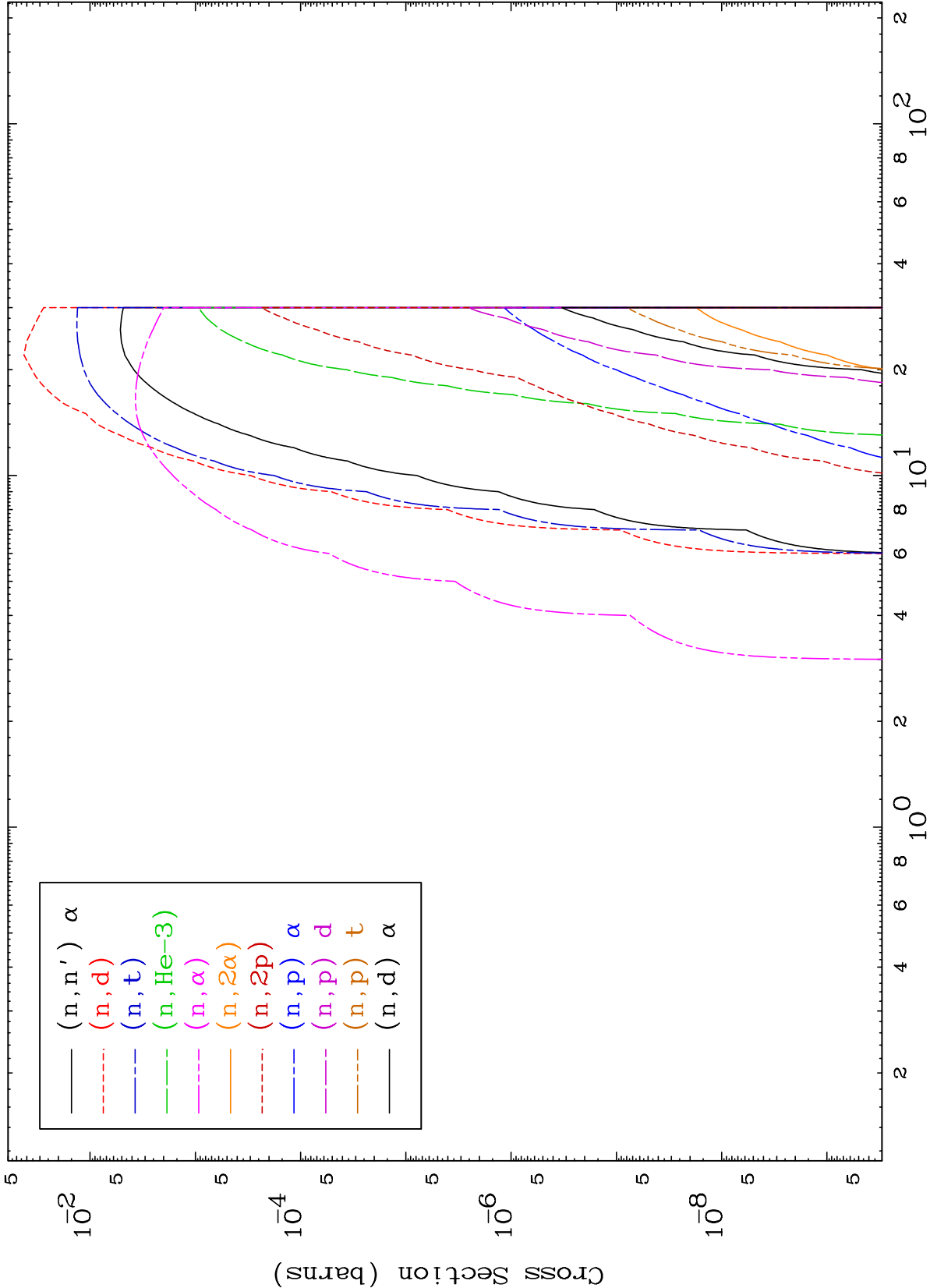
54-Xe-133m









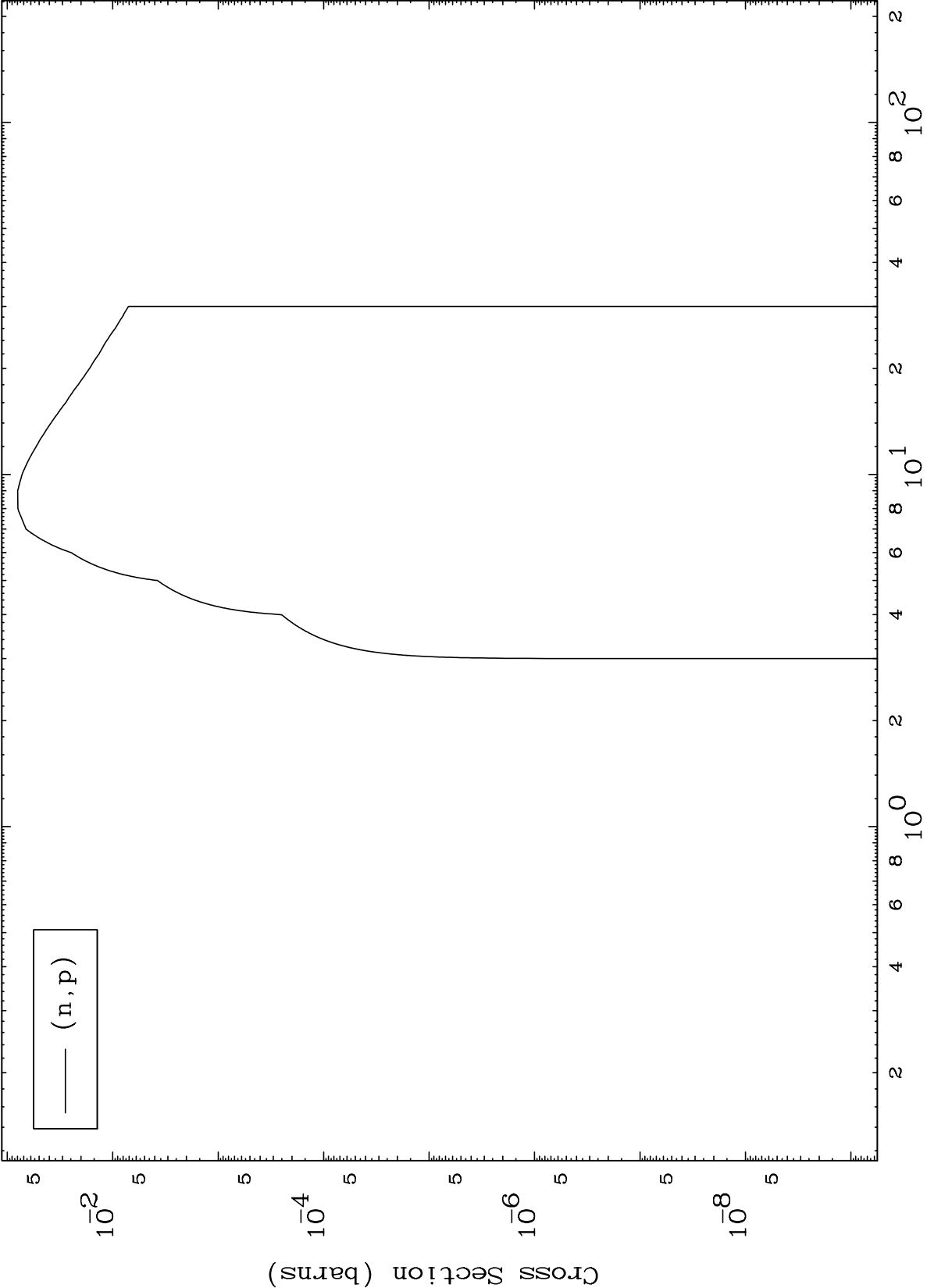


MAT 5453

(d,p) Levels

54-Xe-133m

0 Kelvin Cross Sections



Incident Energy (MeV)

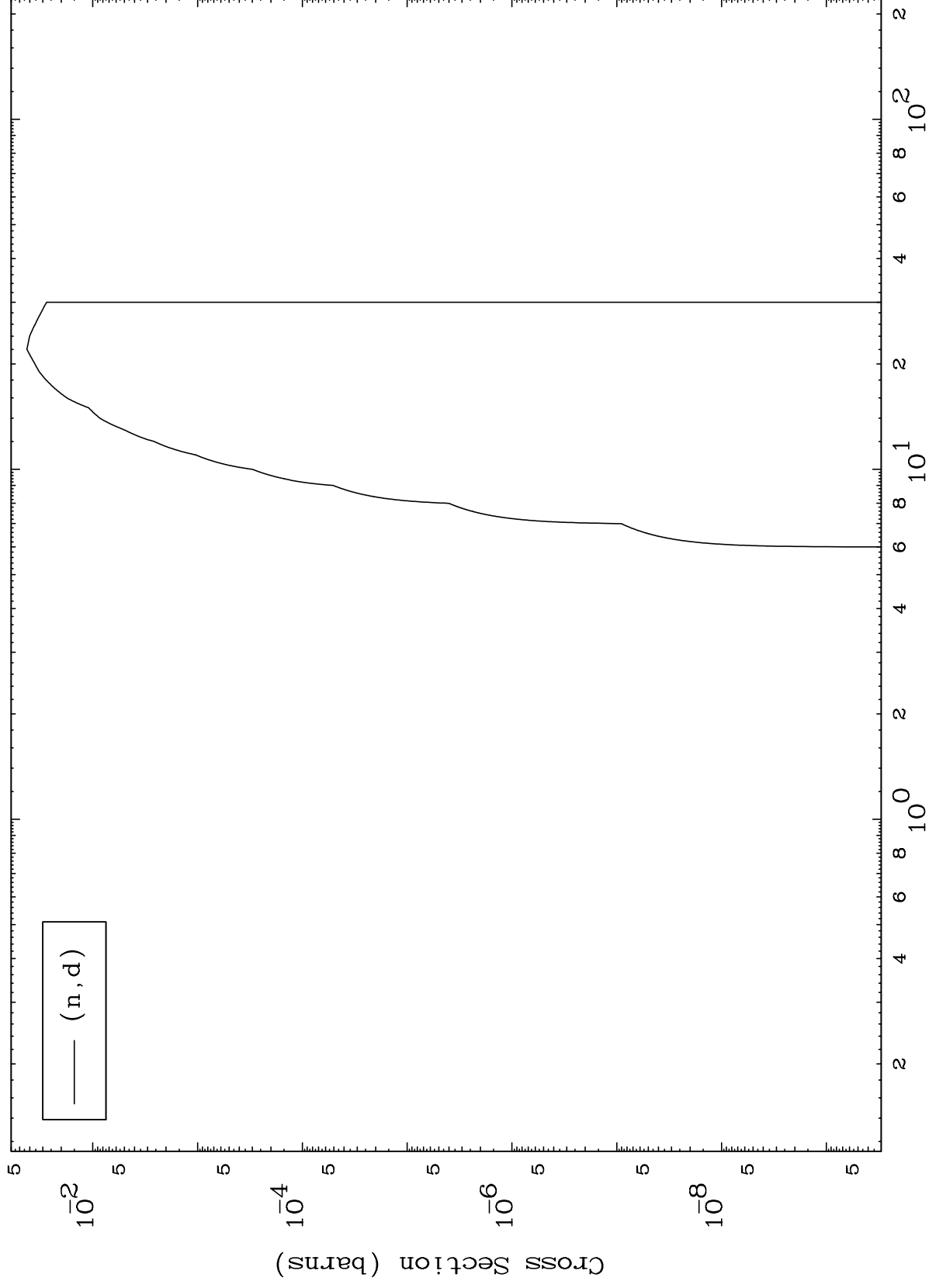
54-Xe-133m

MAT 5453

(d,d) Levels

54-Xe-133m

0 Kelvin Cross Sections



— (n,d)

8

Incident Energy (MeV)

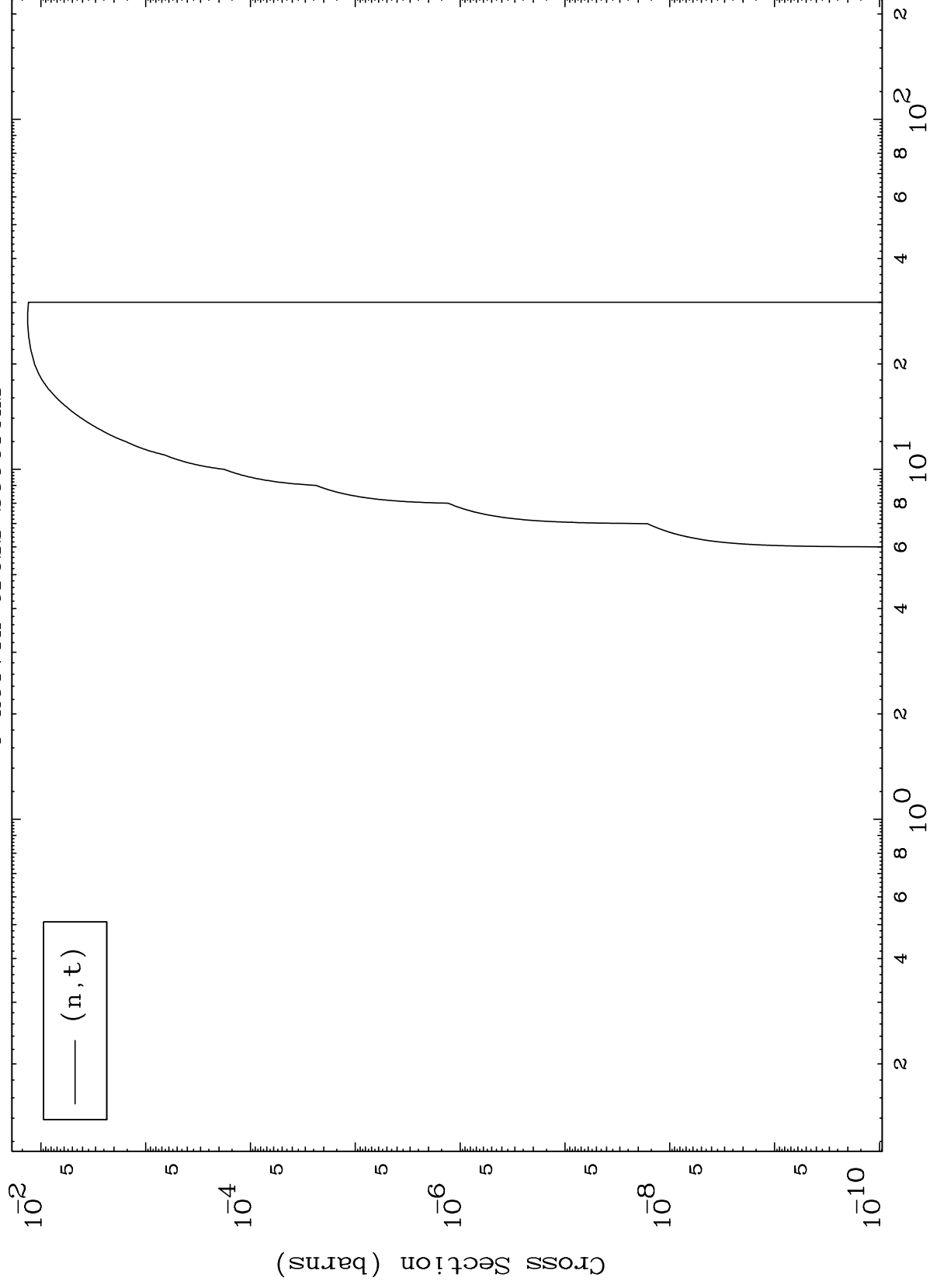
54-Xe-133m

MAT 5453

(d,t) Levels

54-Xe-133m

0 Kelvin Cross Sections

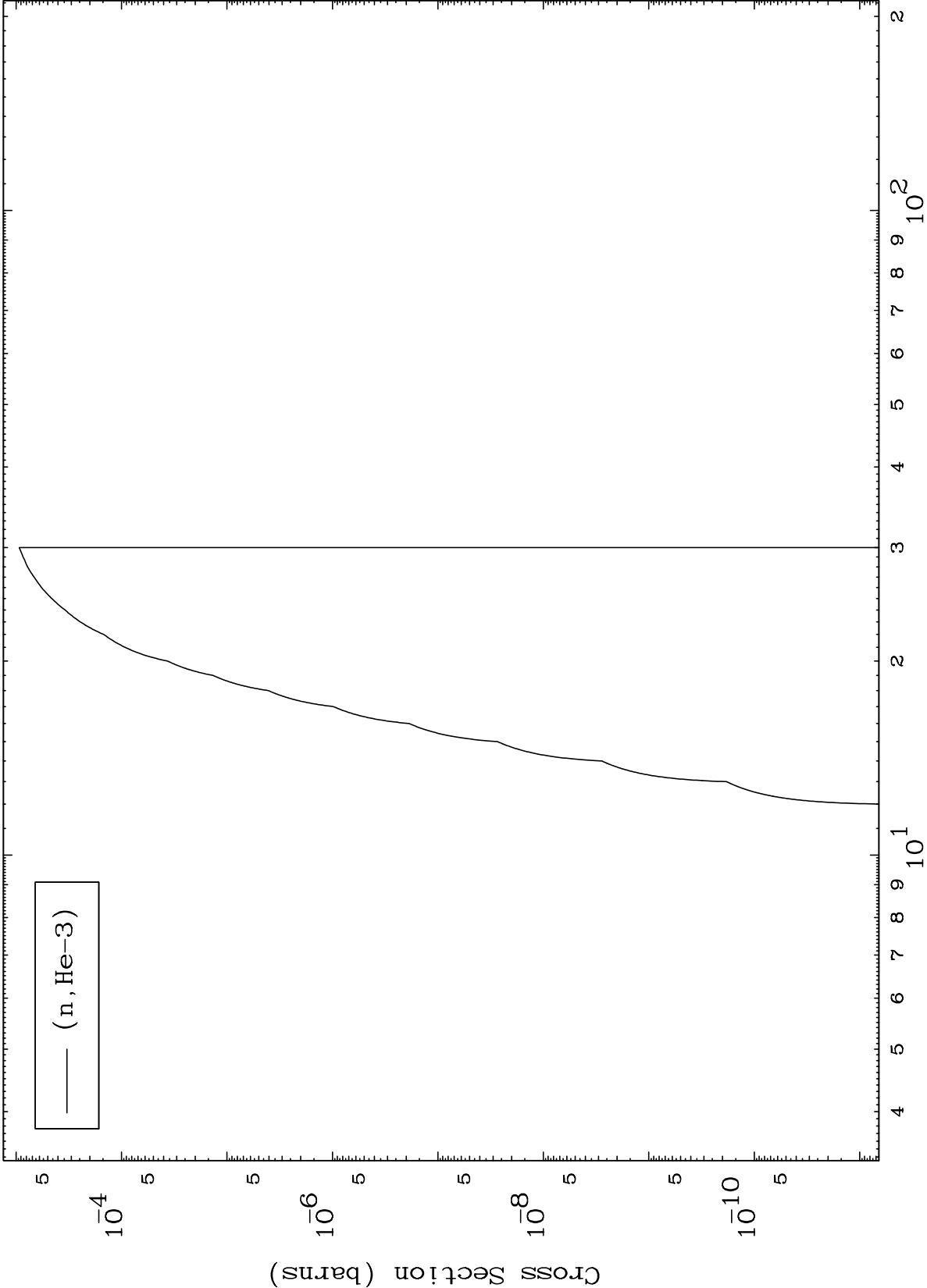


MAT 5453

(d,He3) Levels

54-Xe-133m

0 Kelvin Cross Sections



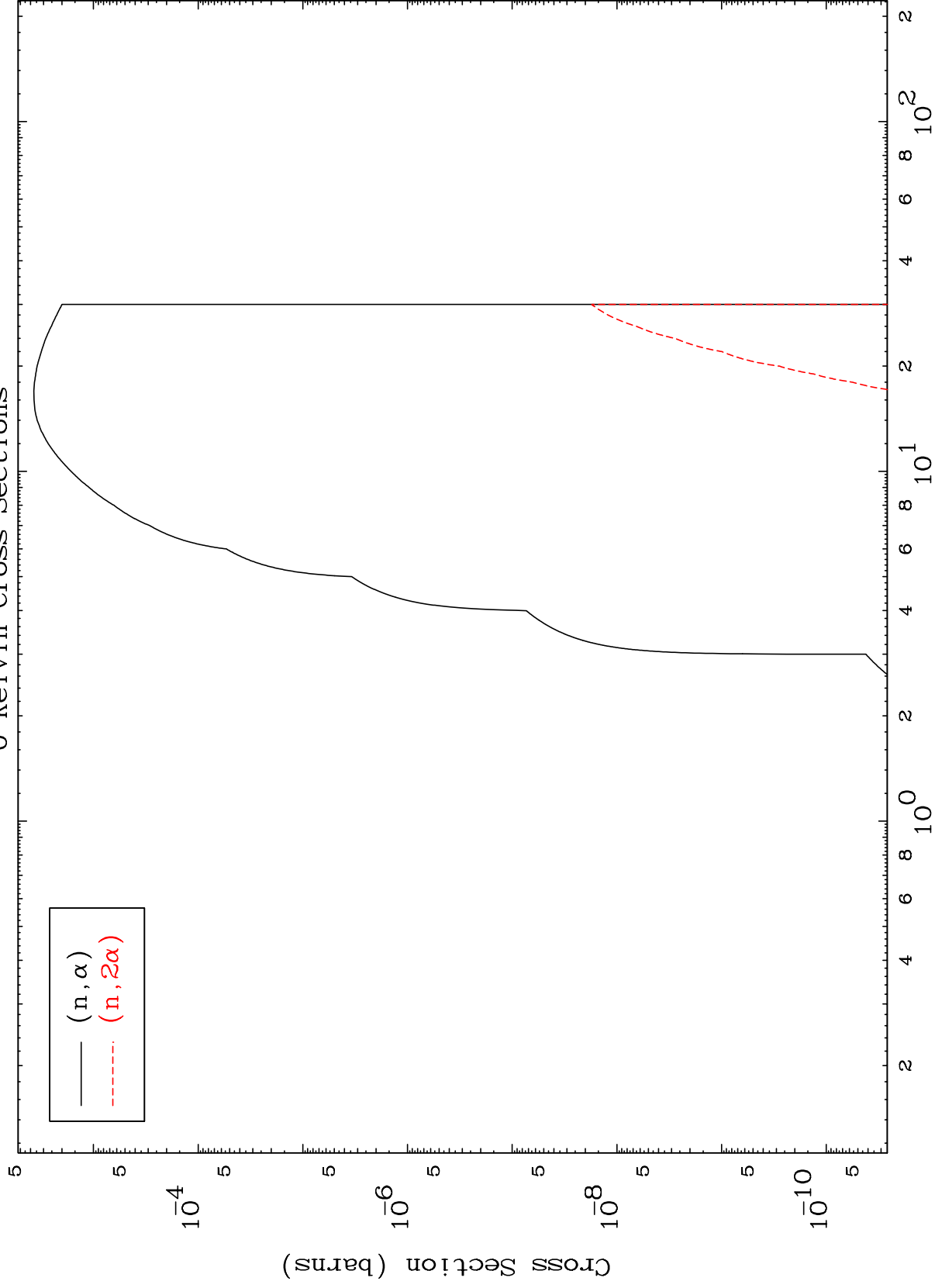
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

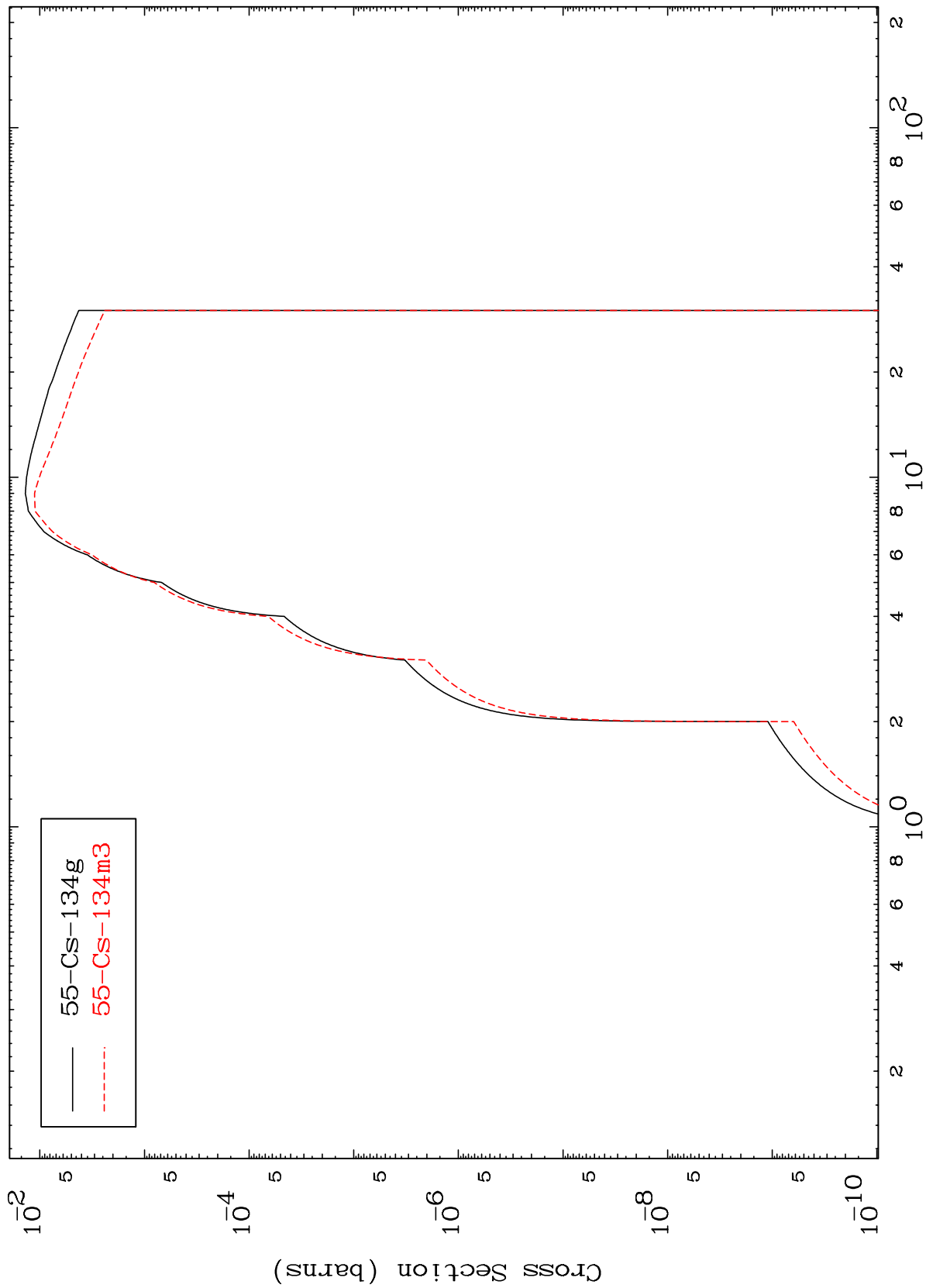
(d, α) Levels
0 Kelvin Cross Sections



MAT 5453

54-Xe-133m

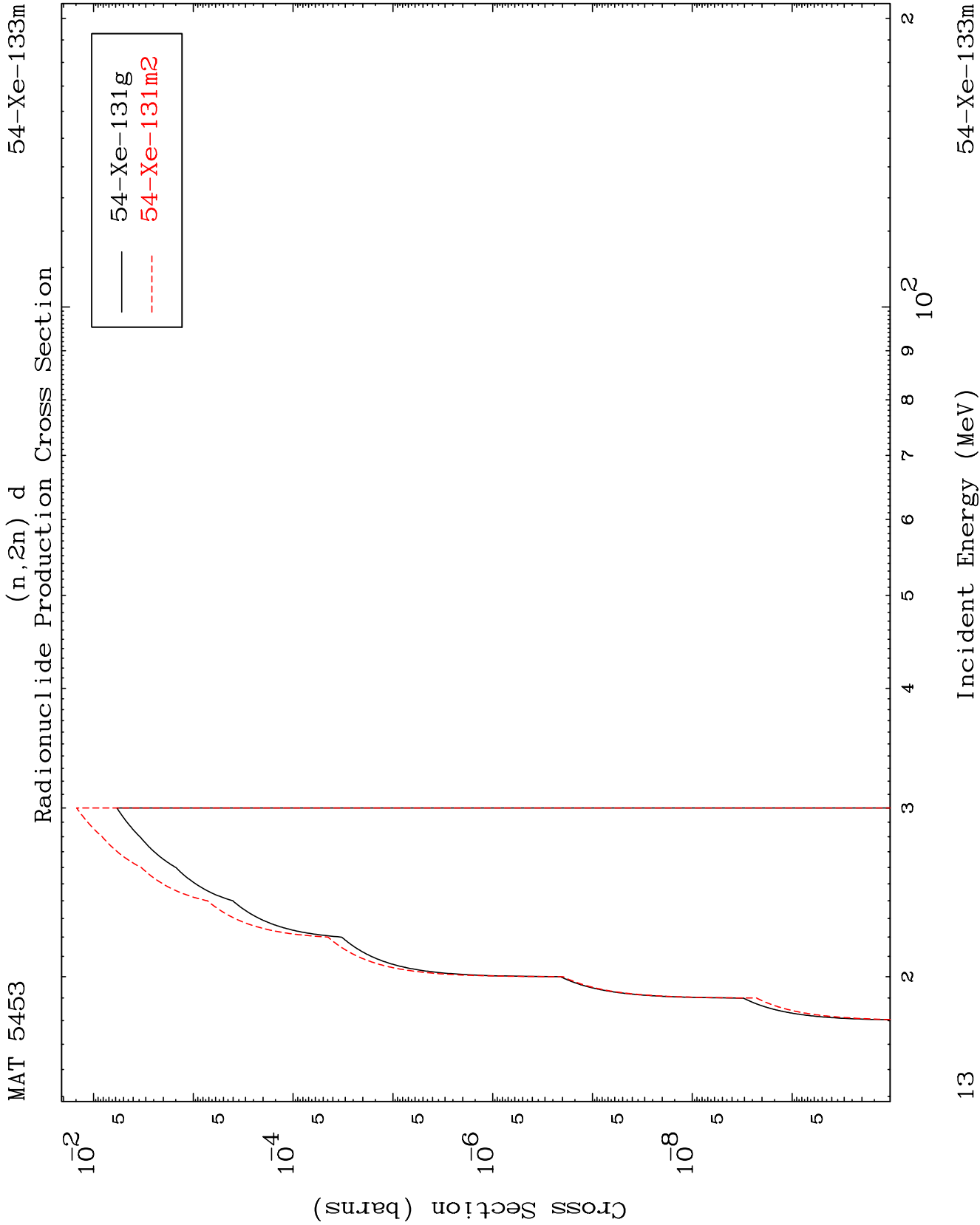
Inelastic
Radionuclide Production Cross Section

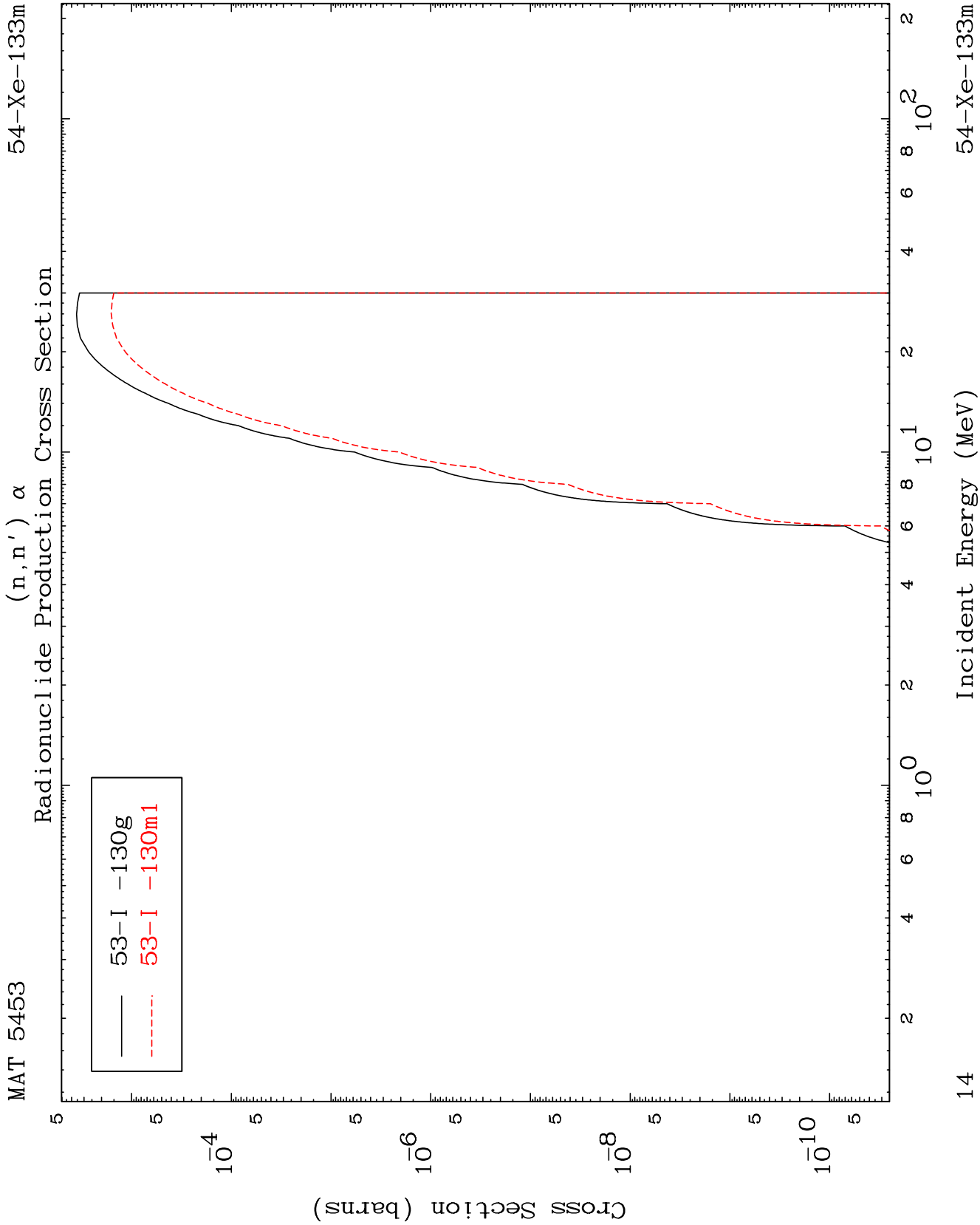


12

Incident Energy (MeV)

54-Xe-133m

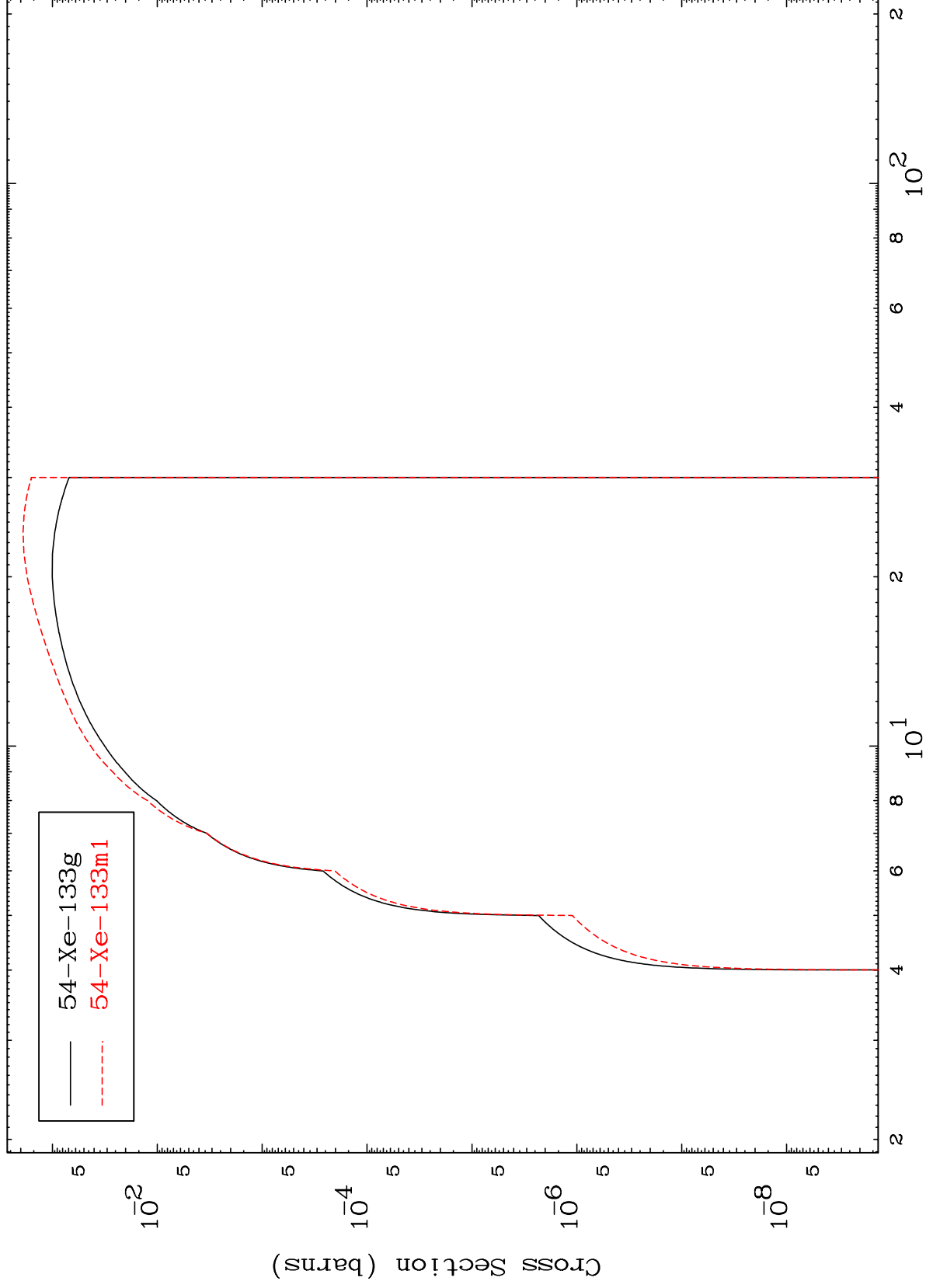




MAT 5453

54-Xe-133m

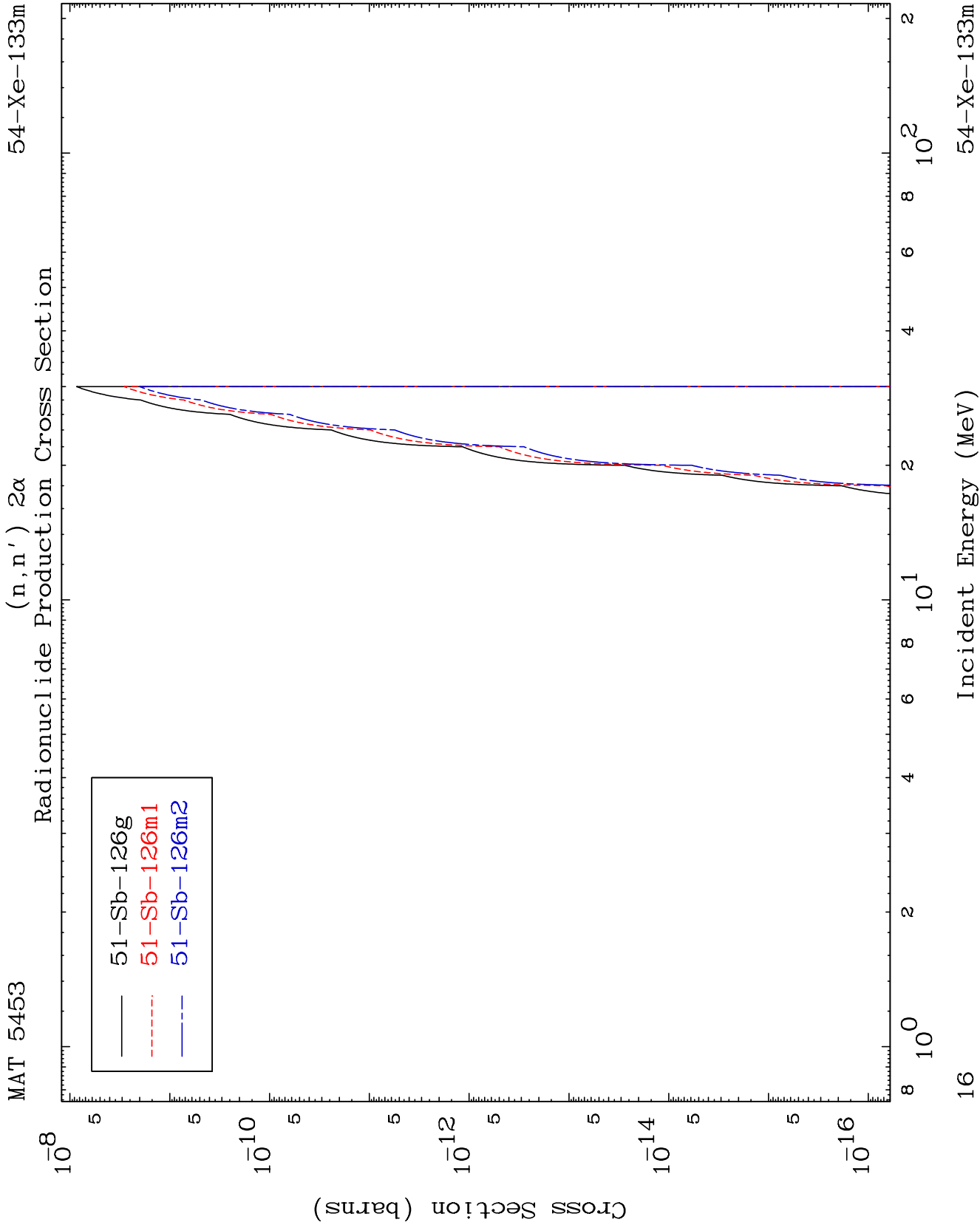
(n,n') p
Radionuclide Production Cross Section

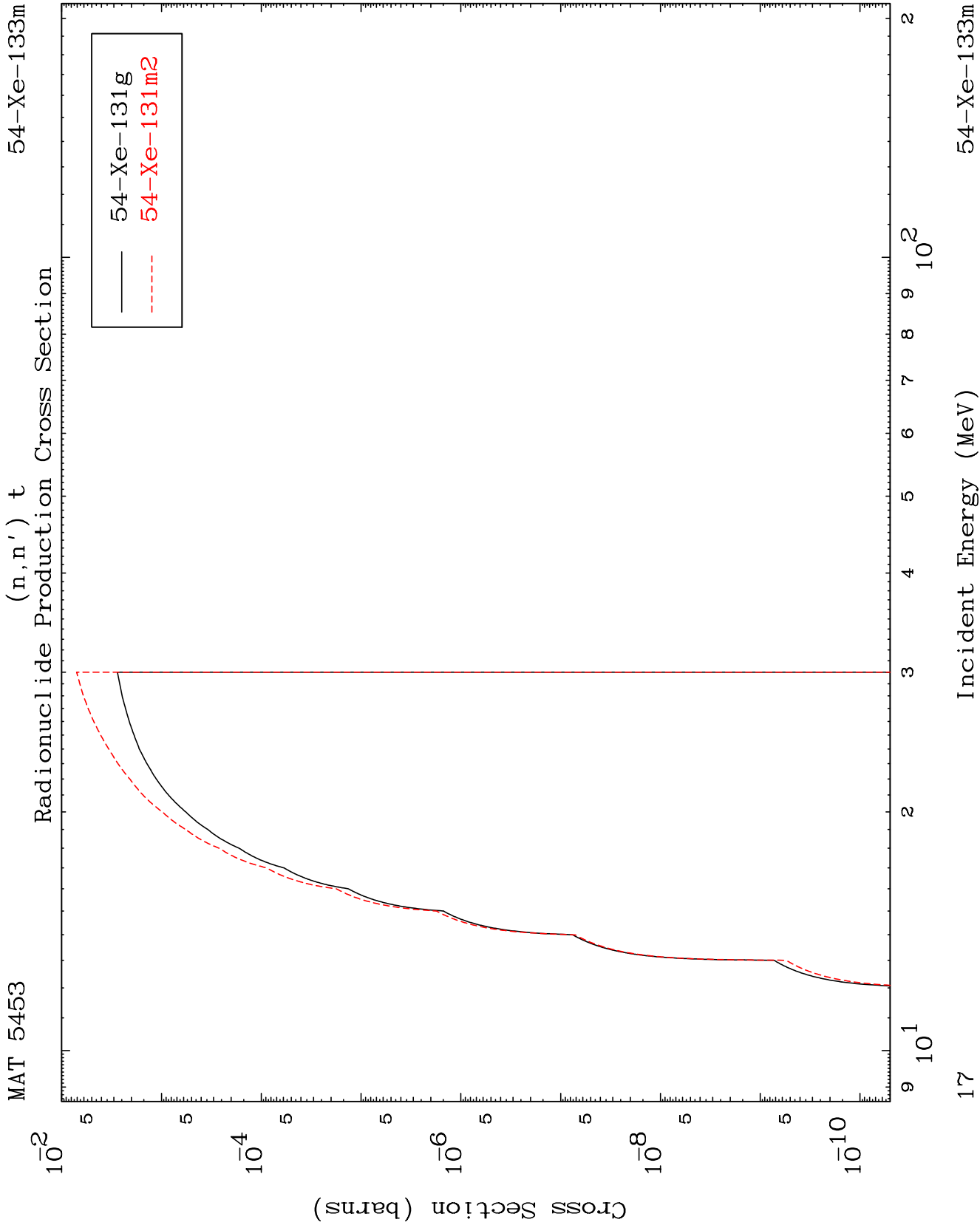


54-Xe-133m

Incident Energy (MeV)

15



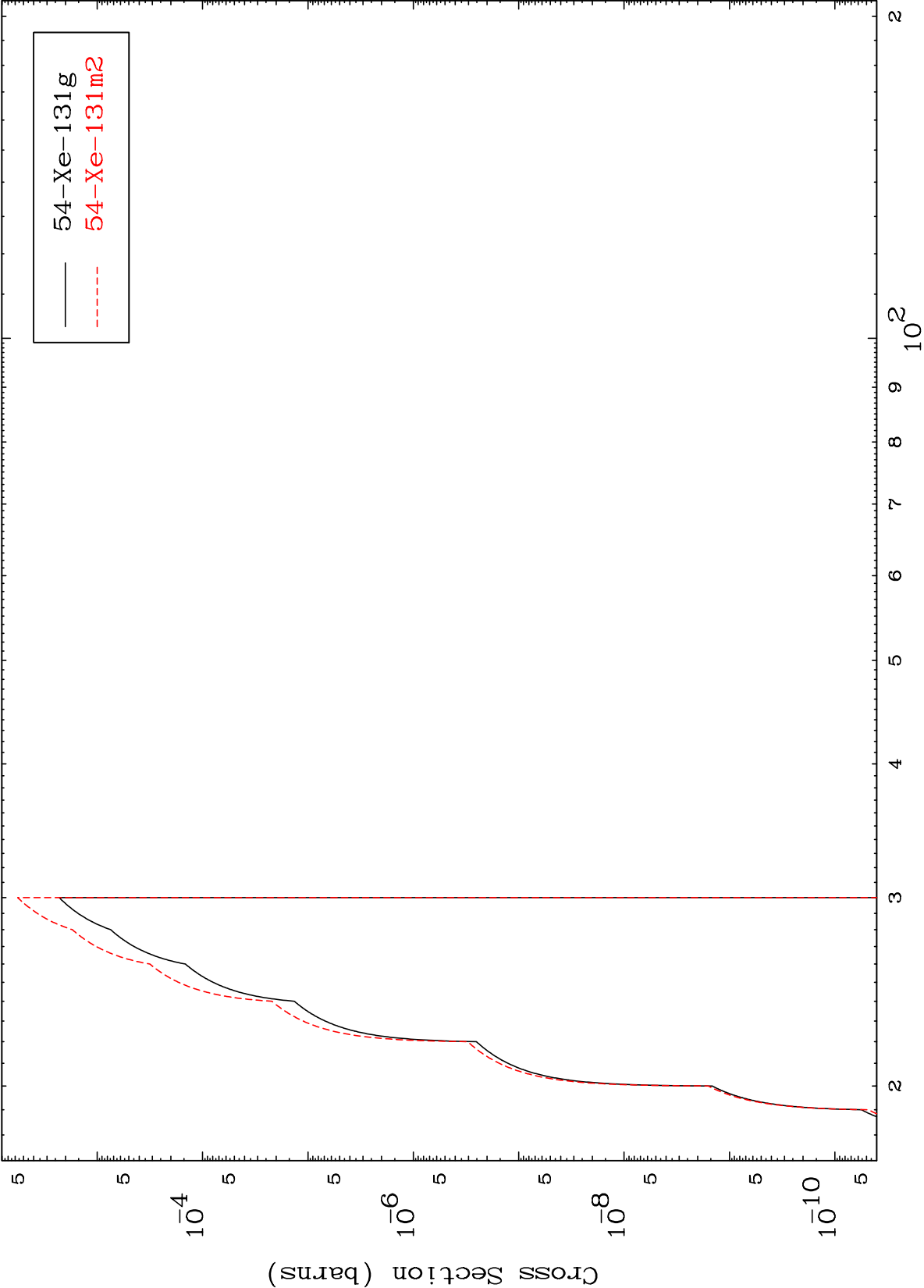


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(n,3n) p

54-Xe-133m

Radionuclide Production Cross Section



18

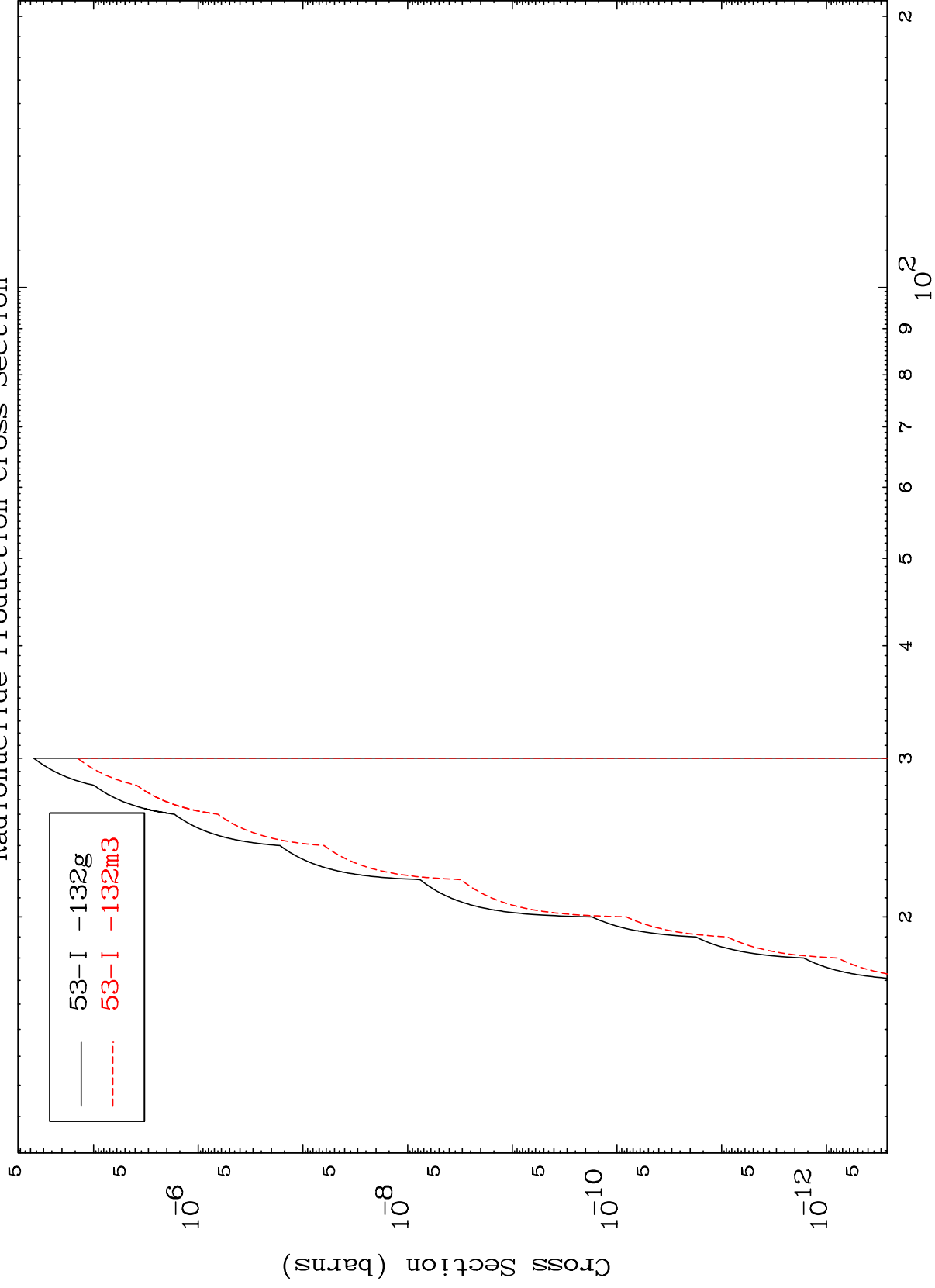
Incident Energy (MeV)

54-Xe-133m

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54-Xe-133m

(n,2n) p
Radionuclide Production Cross Section



19

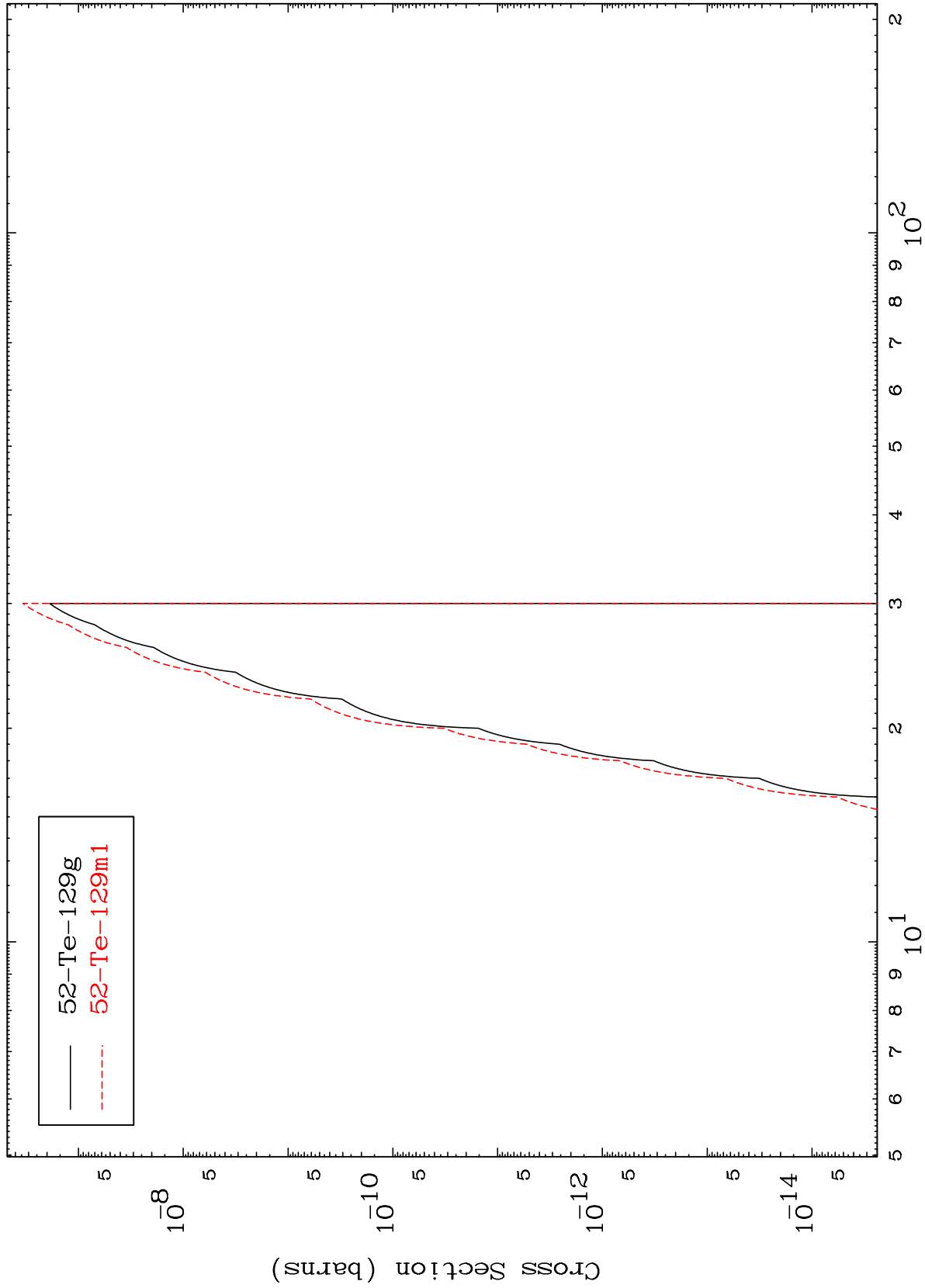
Incident Energy (MeV)

54-Xe-133m

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54-Xe-133m

(n,n') p α
Radionuclide Production Cross Section

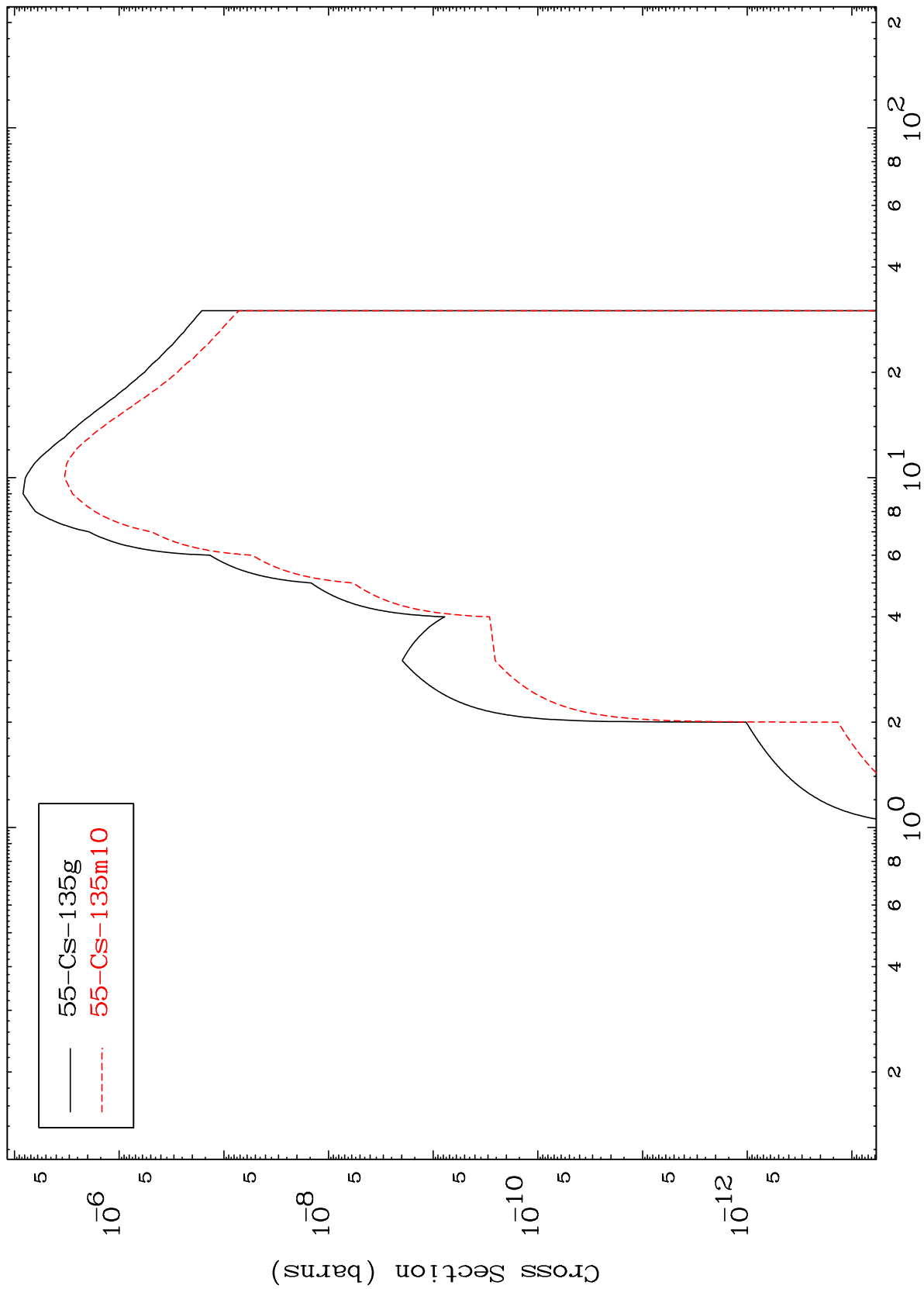


54-Xe-133m

Incident Energy (MeV)

20

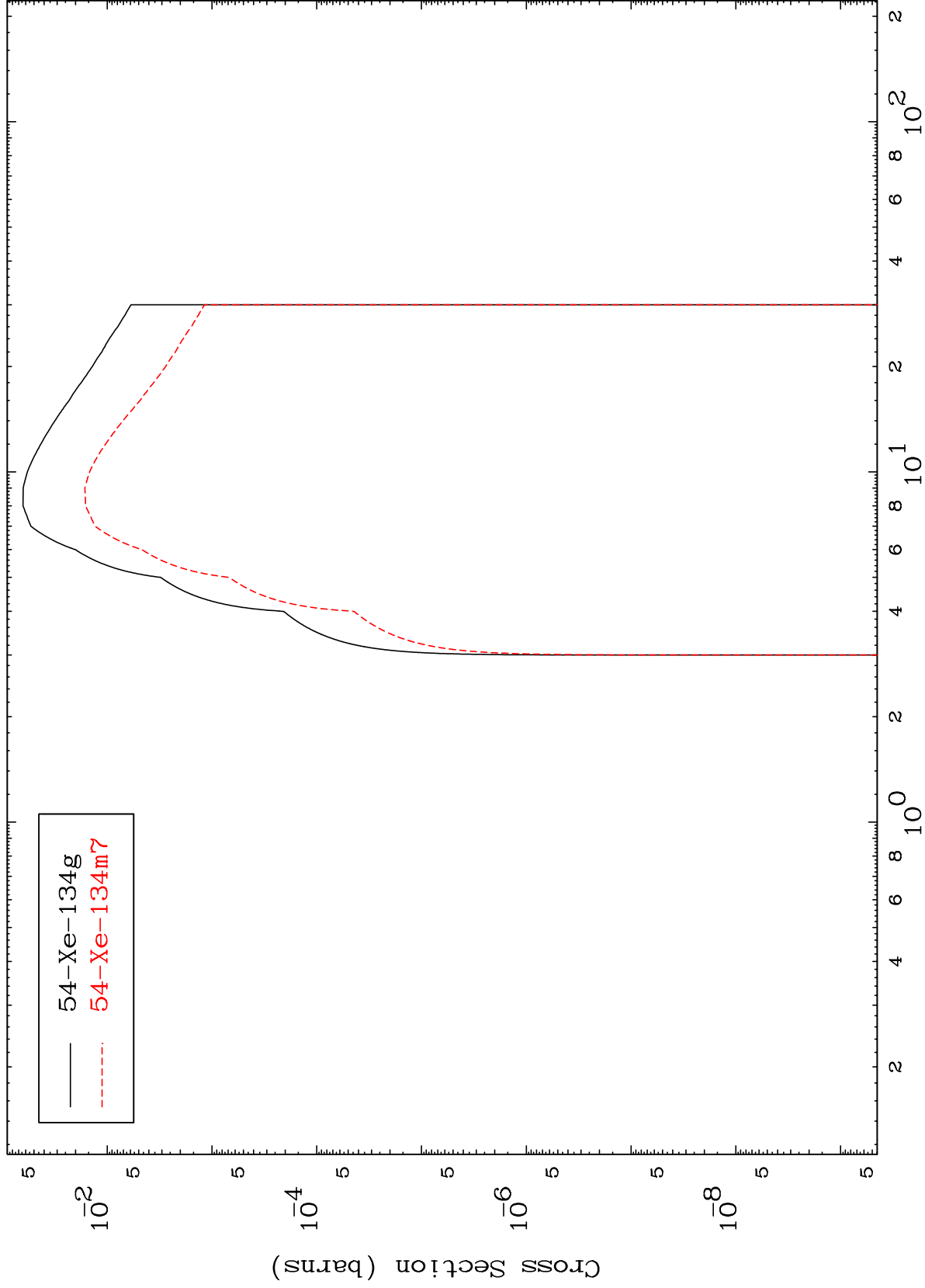
(n, γ)
Radionuclide Production Cross Section



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54-Xe-133m

(n,p)
Radionuclide Production Cross Section



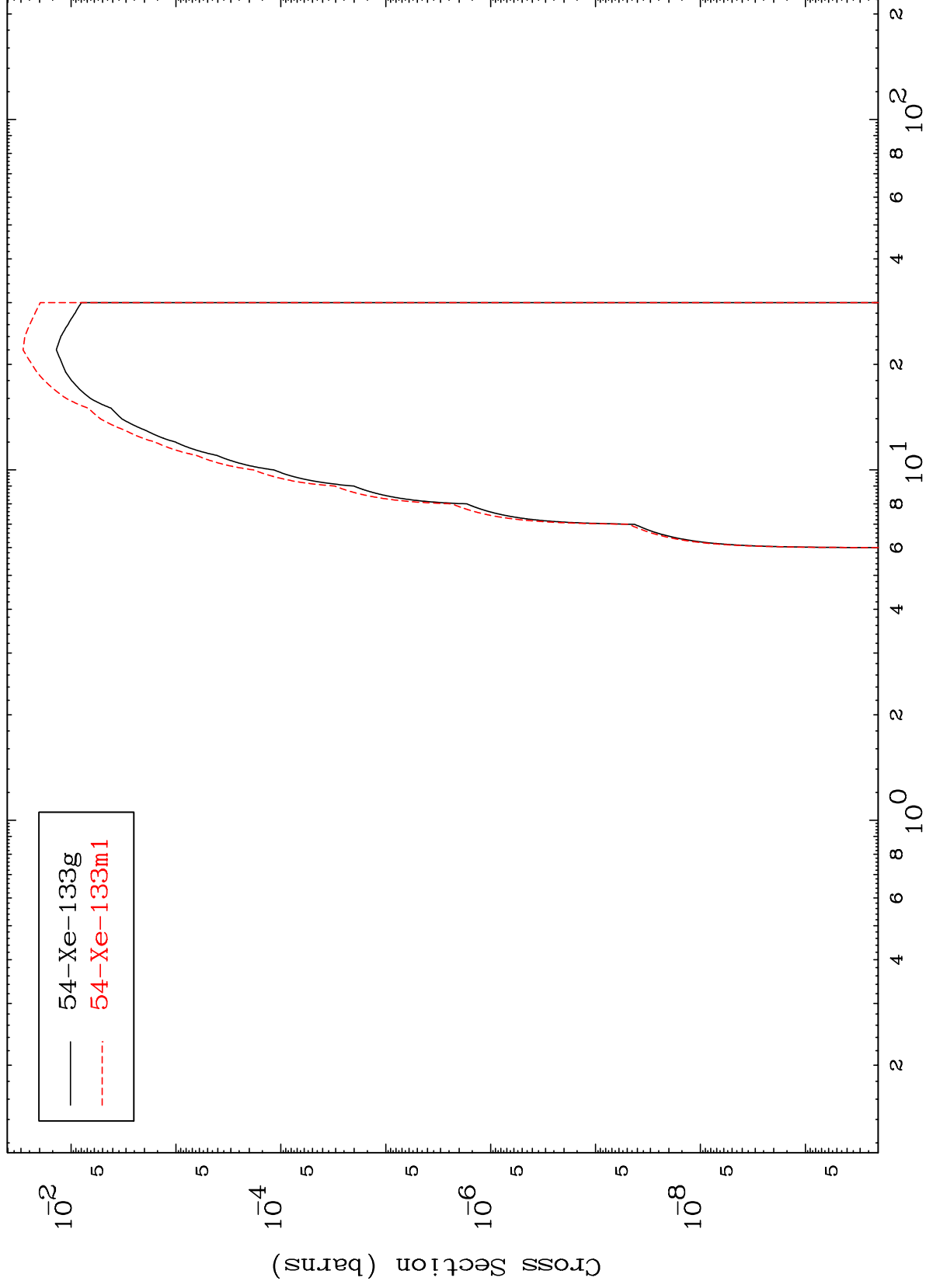
22

54-Xe-133m

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54-Xe-133m

(n,d)
Radionuclide Production Cross Section



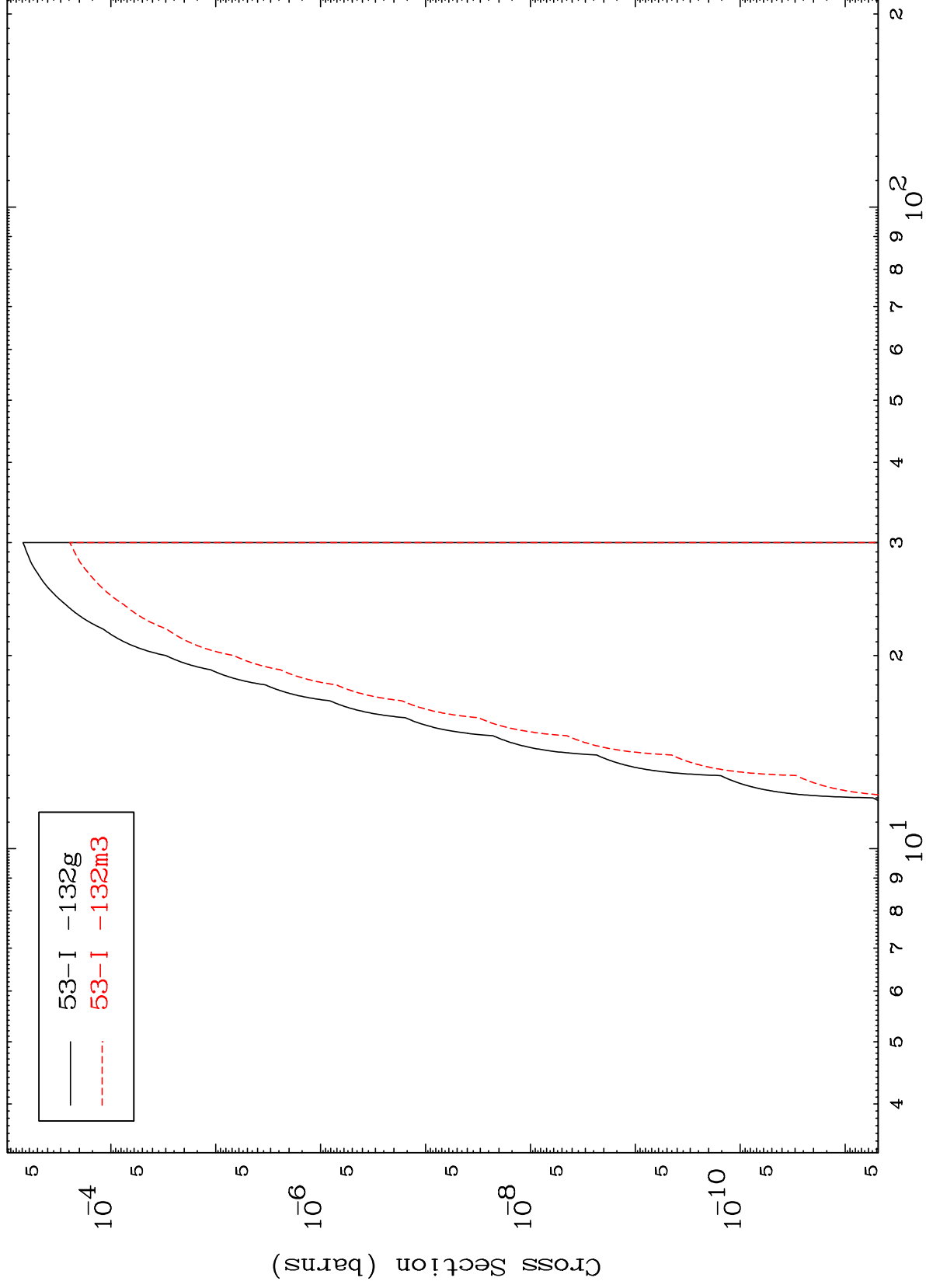
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54-Xe-133m

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54-Xe-133m

Radionuclide Production Cross Section



24

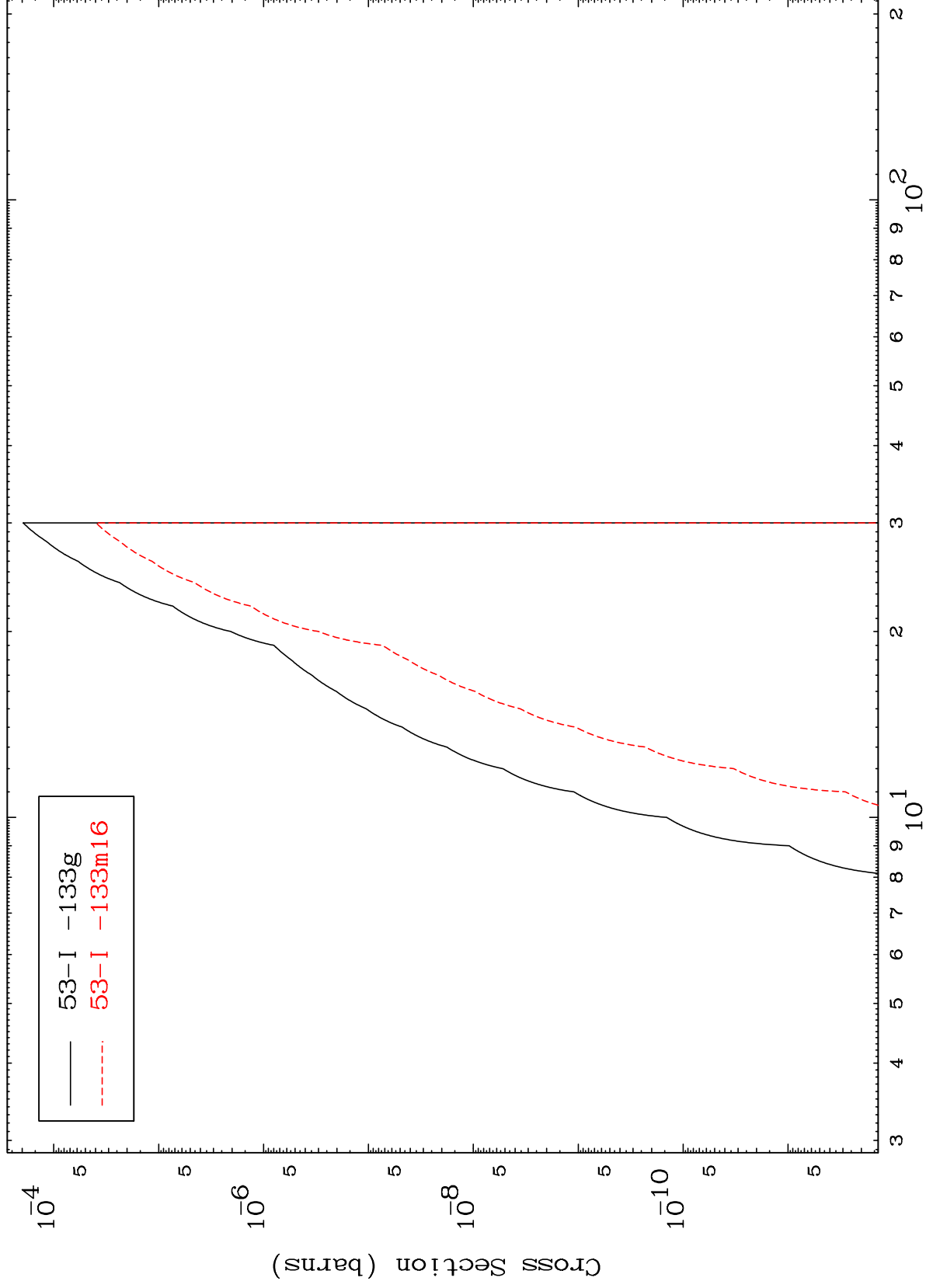
Incident Energy (MeV)

54-Xe-133m

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54-Xe-133m

(n,2p)
Radionuclide Production Cross Section



25

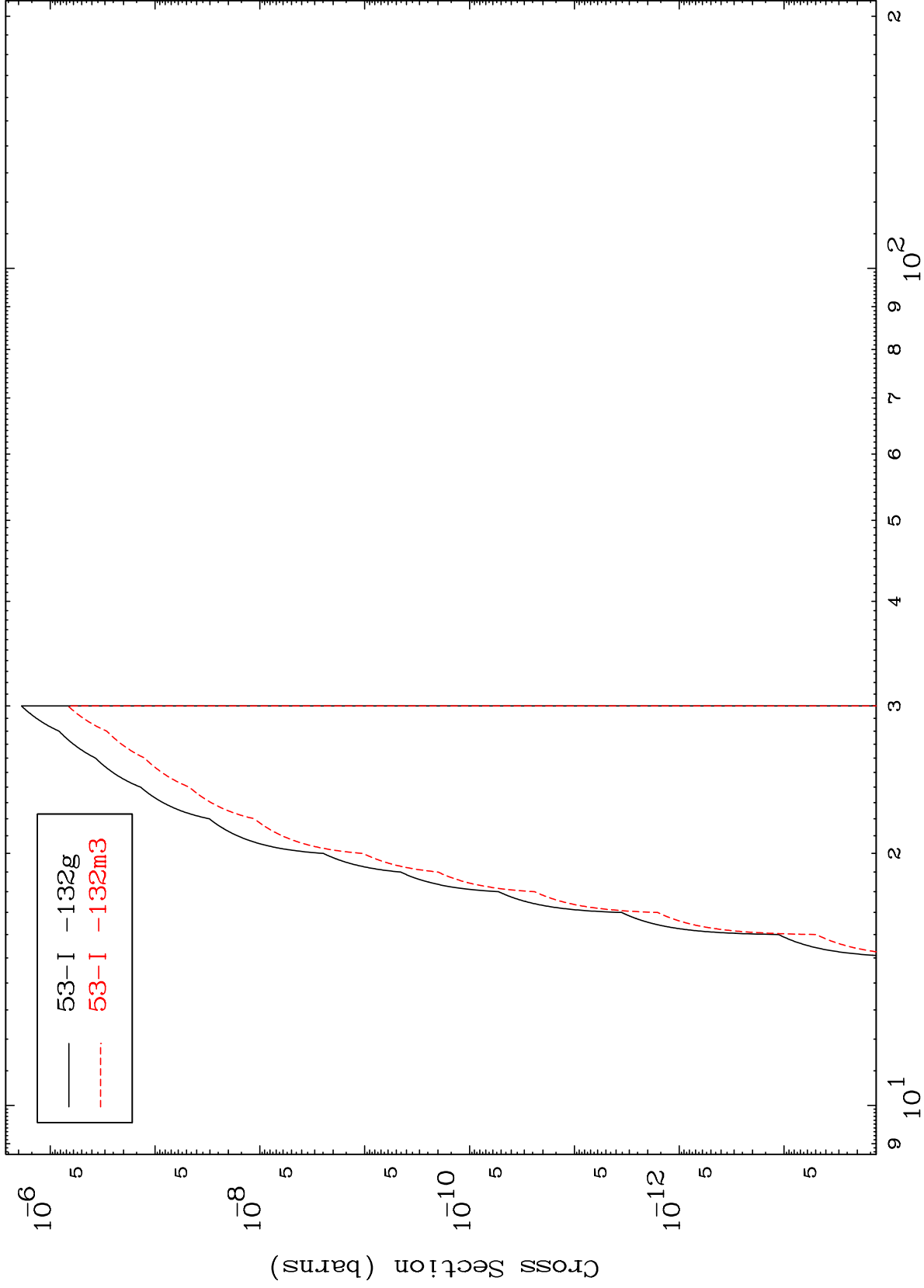
Incident Energy (MeV)

54-Xe-133m

MAT 5453

54-Xe-133m

(n,p) d
Radionuclide Production Cross Section



54-Xe-133m

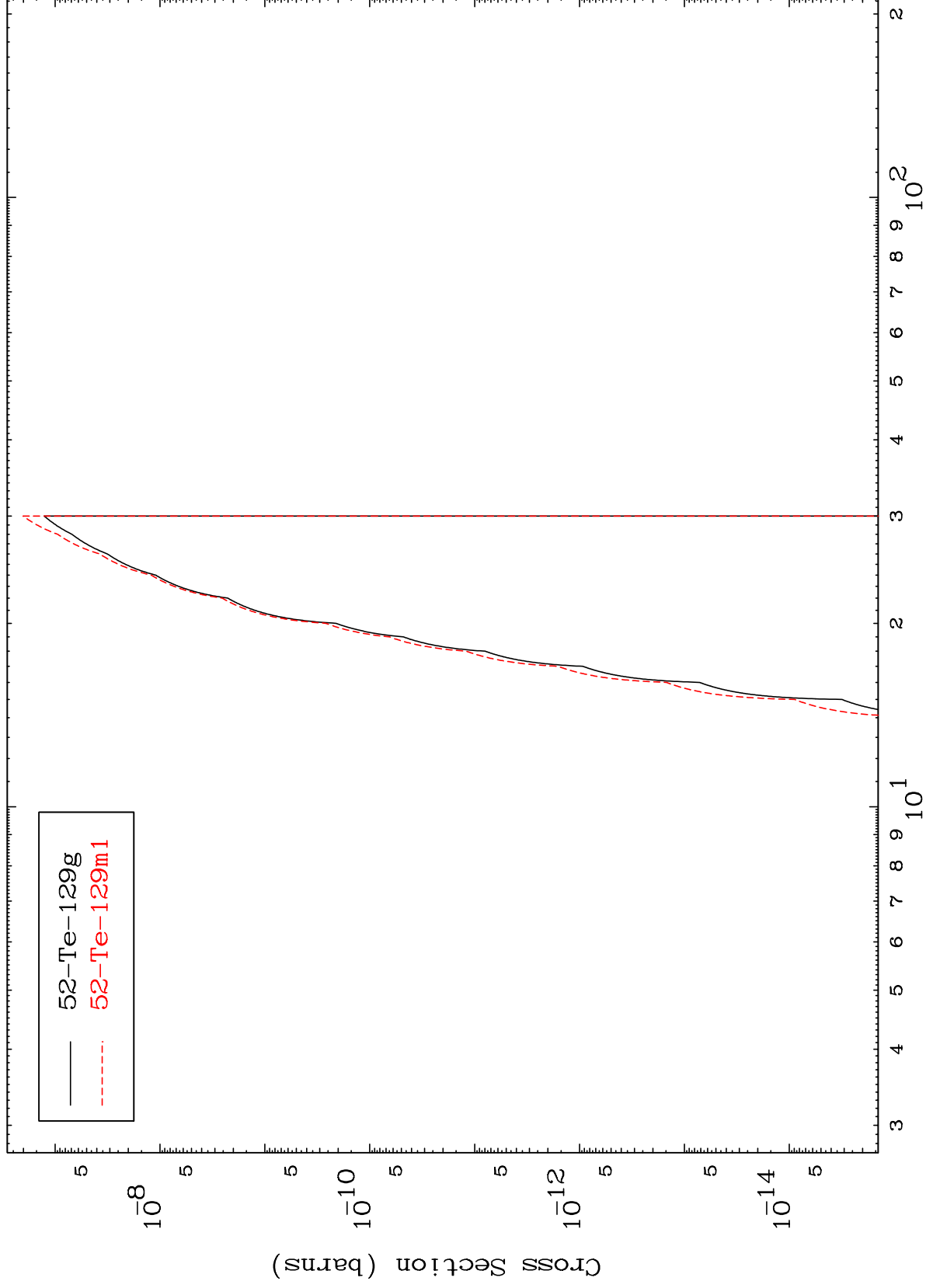
Incident Energy (MeV)

26

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54-Xe-133m

(n,d) α
Radionuclide Production Cross Section



27

Incident Energy (MeV)

54-Xe-133m