

Program EVALPLOT
(Version 2021-1)

by

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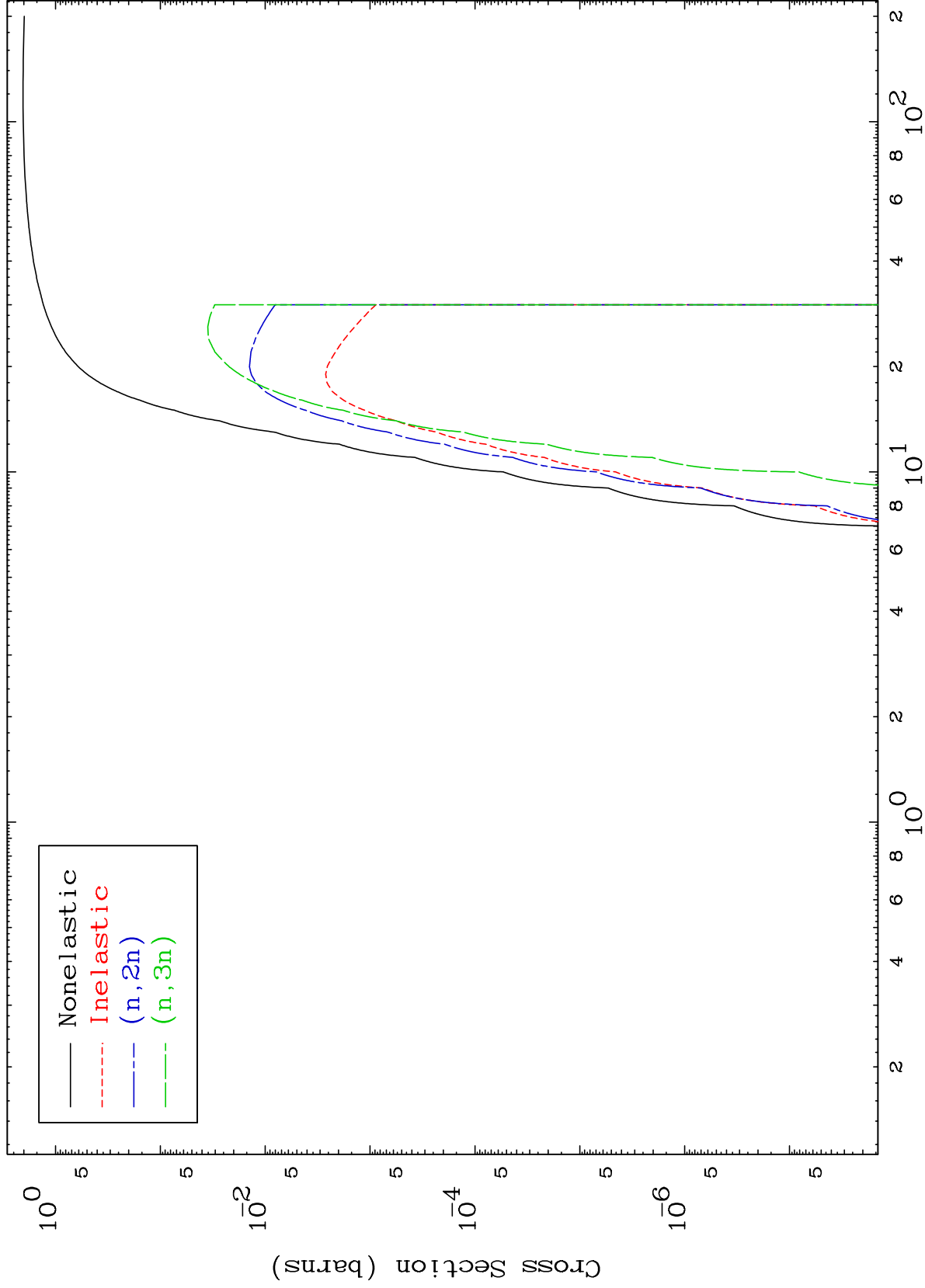
Press Mouse Button to Start

MAT 5537

He-3 Major

0 Kelvin Cross Sections

55-Cs-137



1

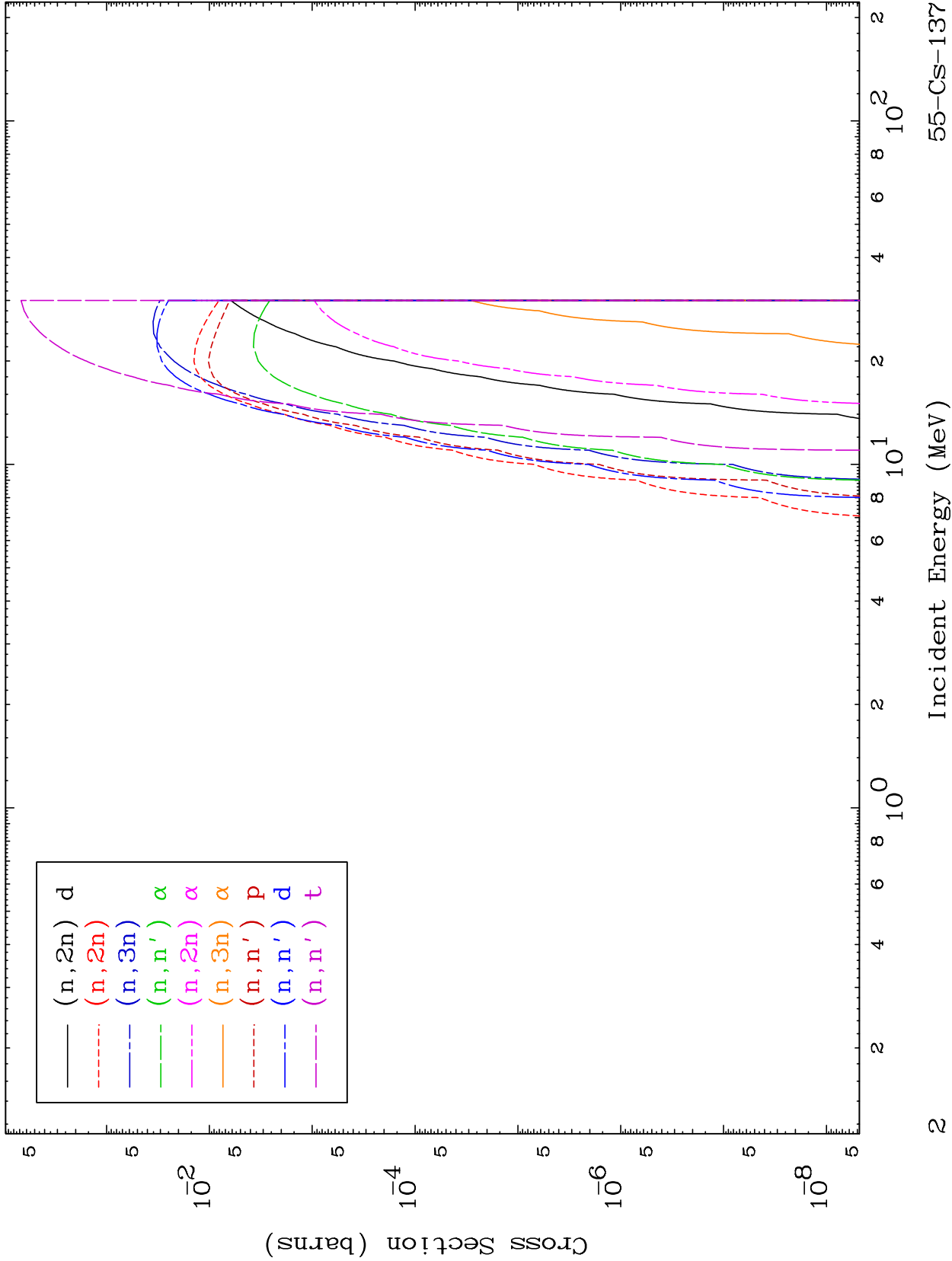
Incident Energy (MeV)

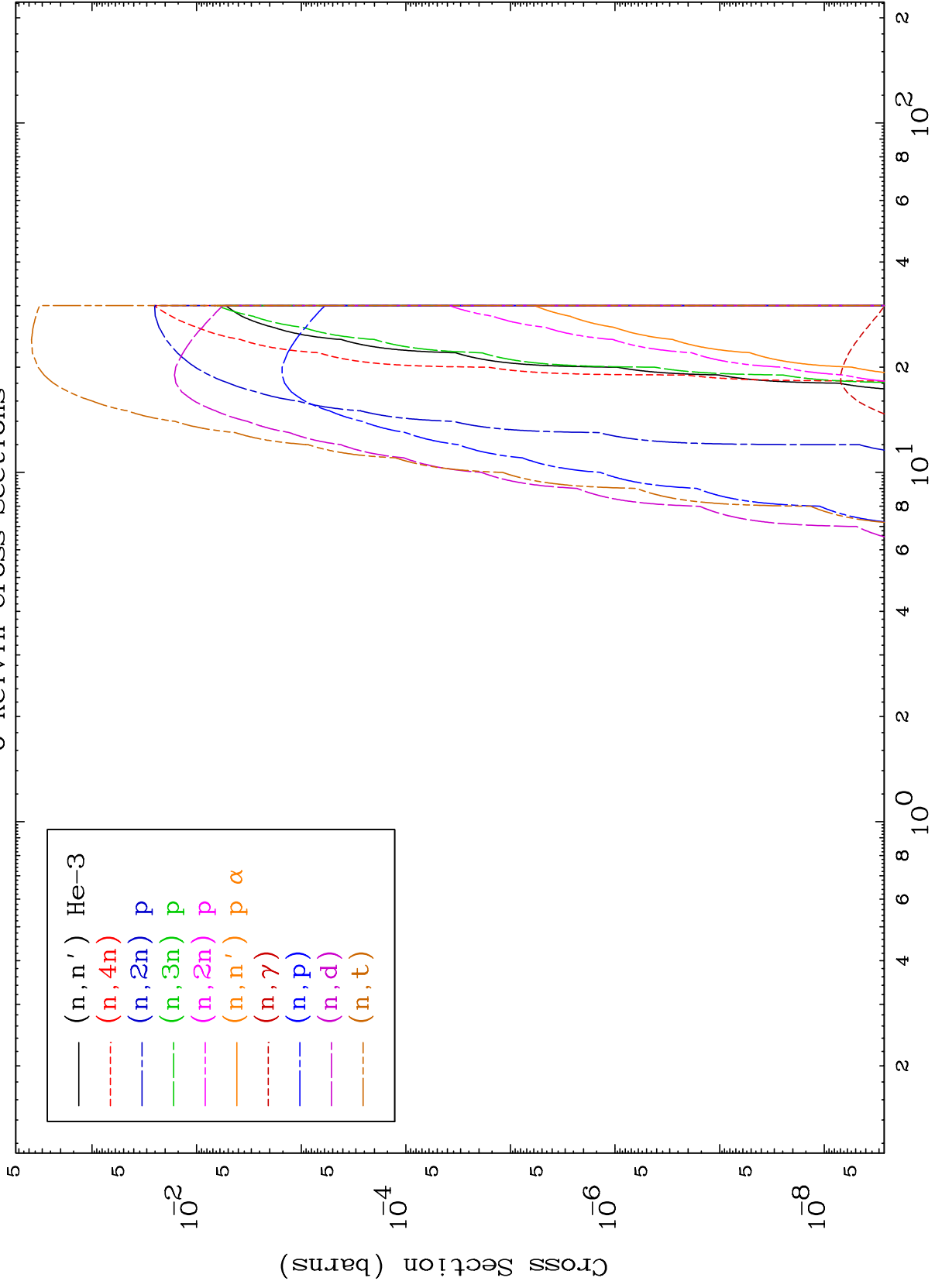
55-Cs-137

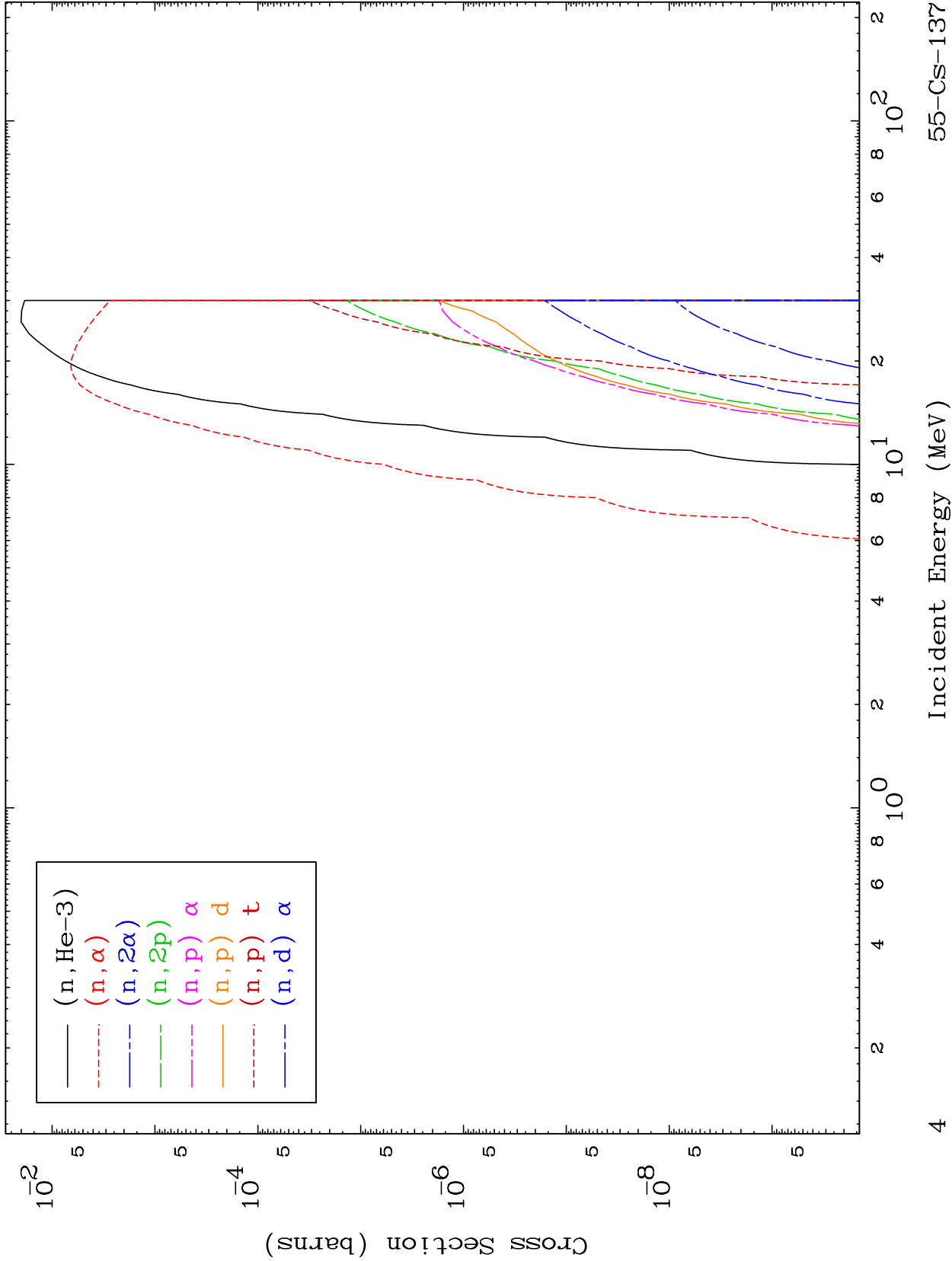
MAT 5537

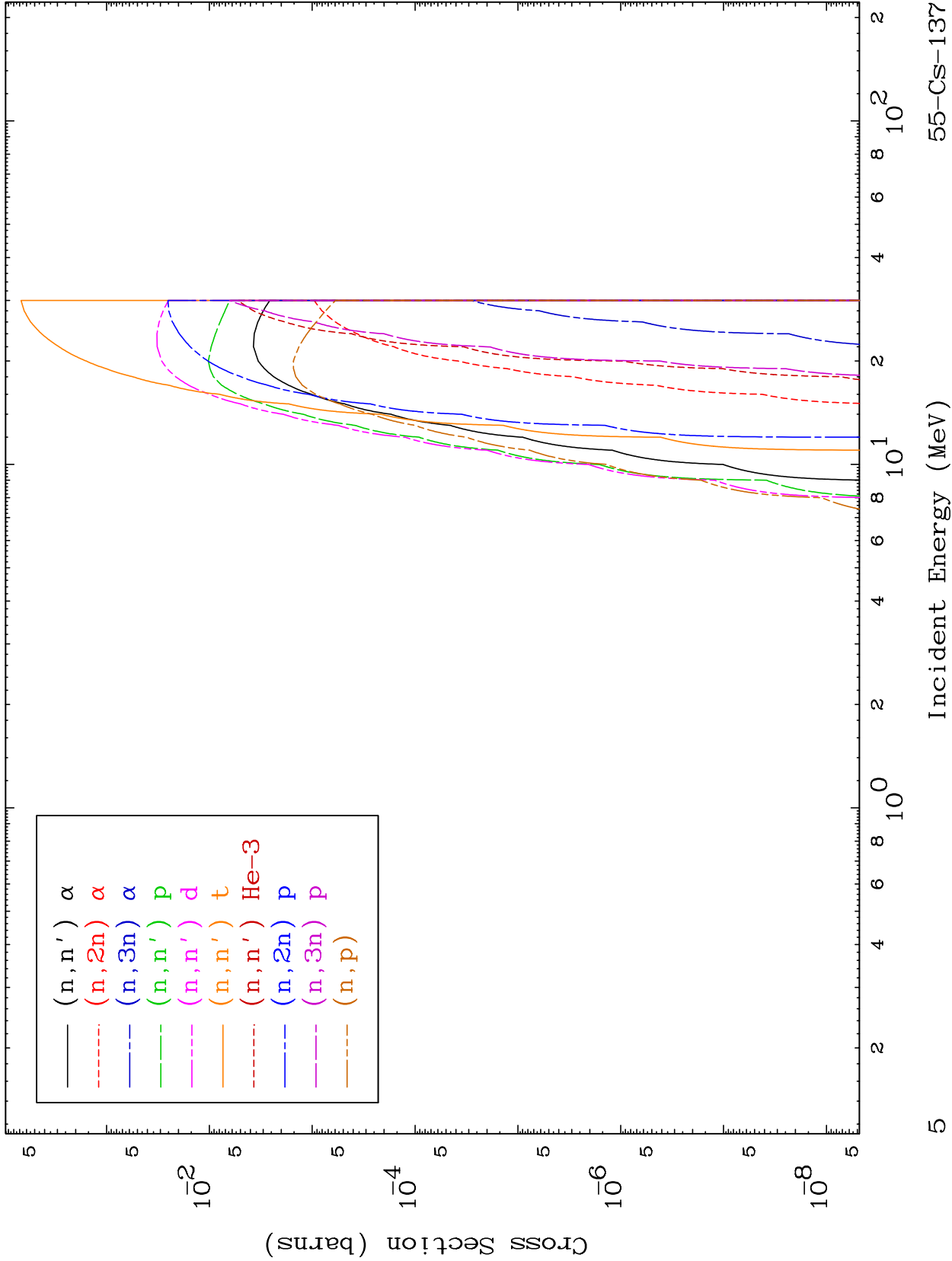
He-3 Neutron Absorption
0 Kelvin Cross Sections

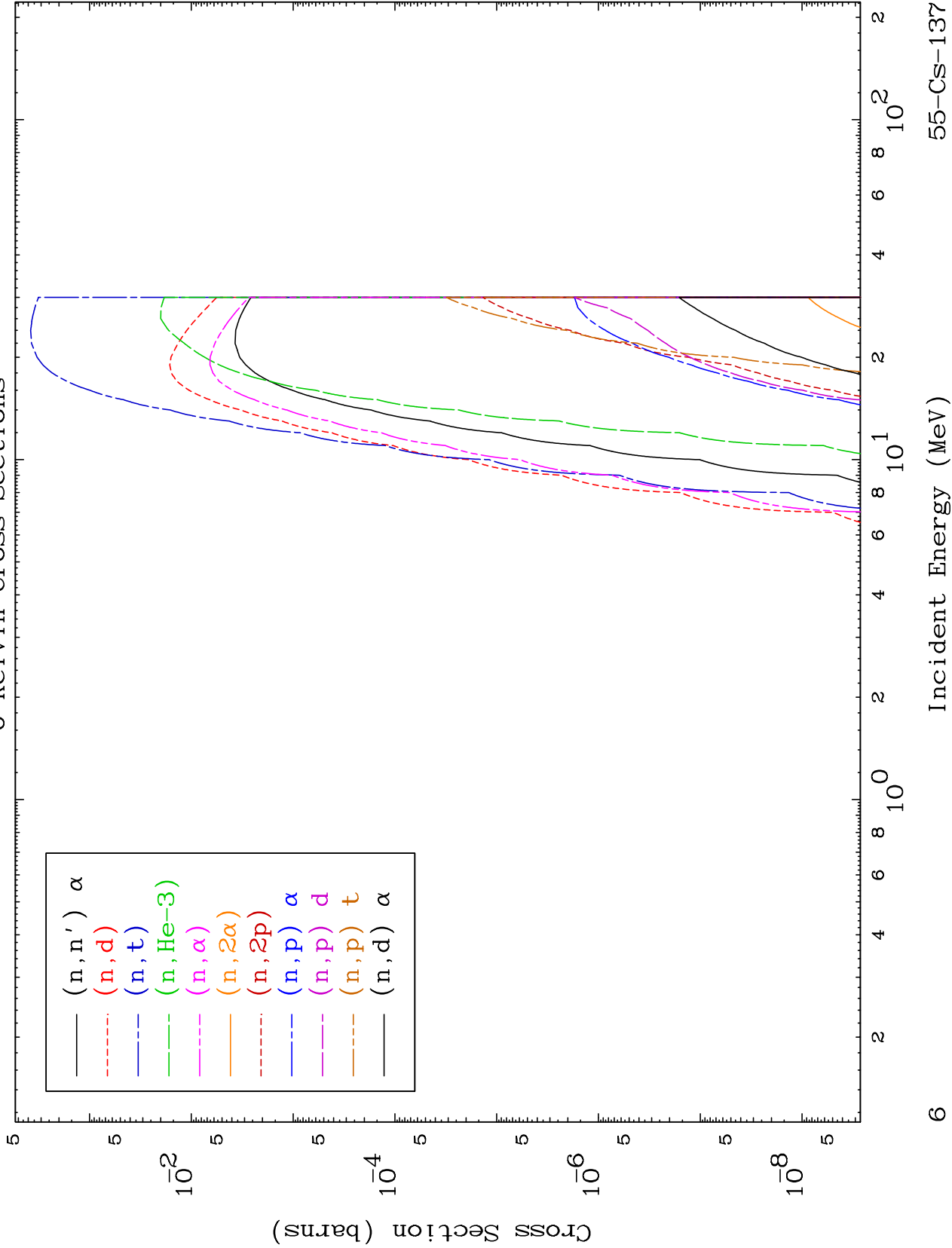
55-Cs-137







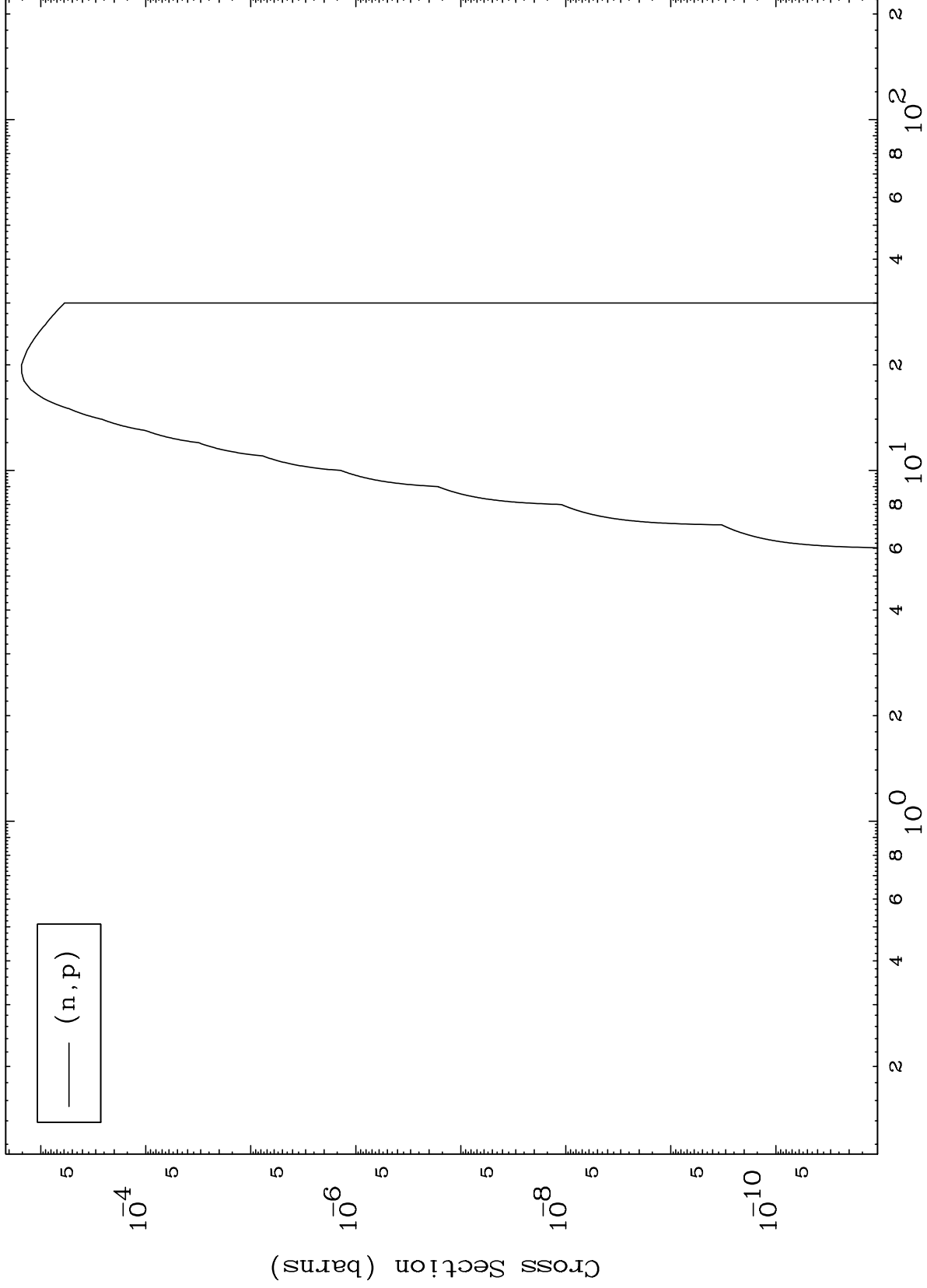




MAT 5537

(He-3,p) Levels
0 Kelvin Cross Sections

55-Cs-137



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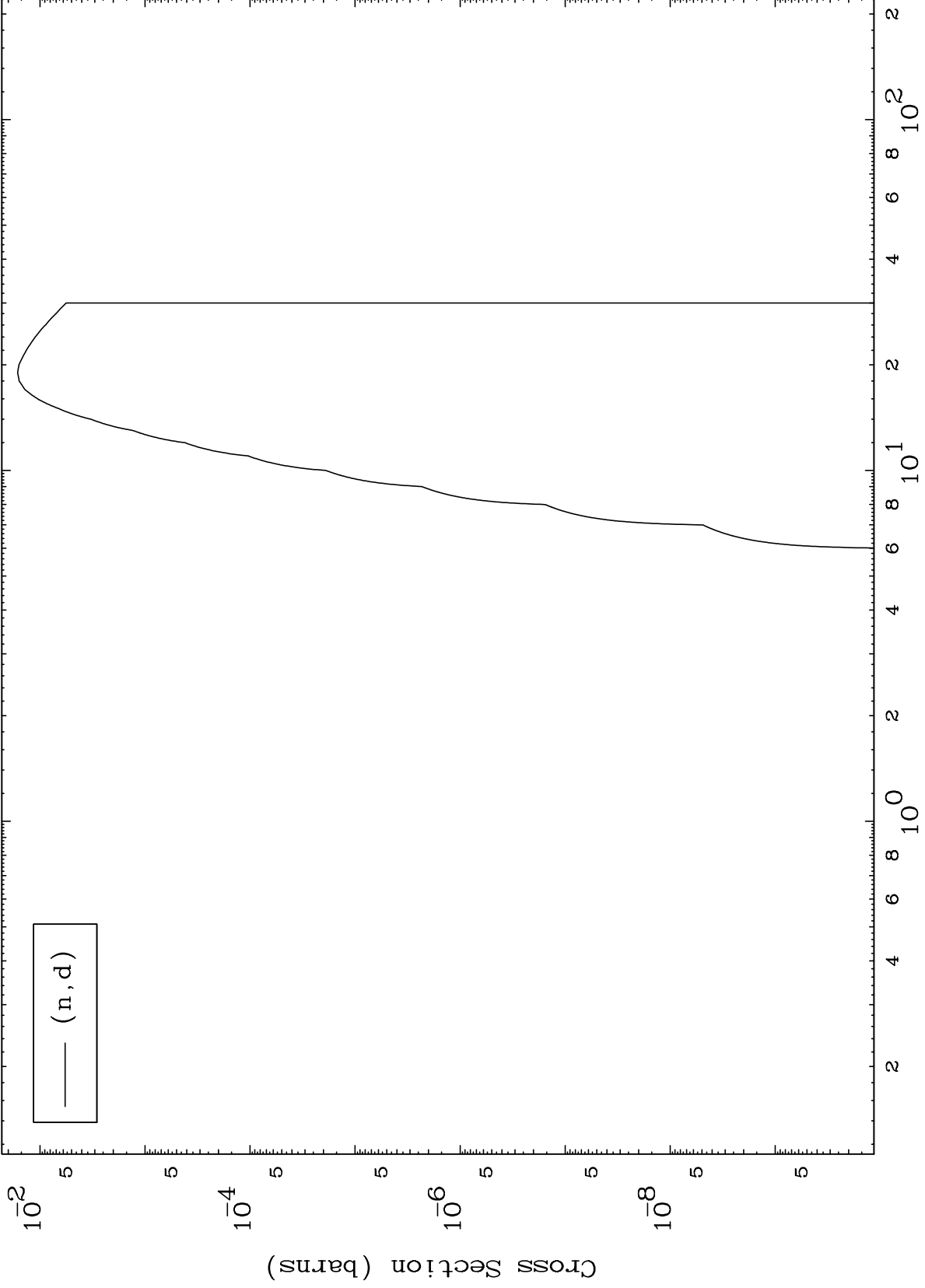
Incident Energy (MeV)

55-Cs-137

MAT 5537

(He-3,d) Levels
0 Kelvin Cross Sections

55-Cs-137

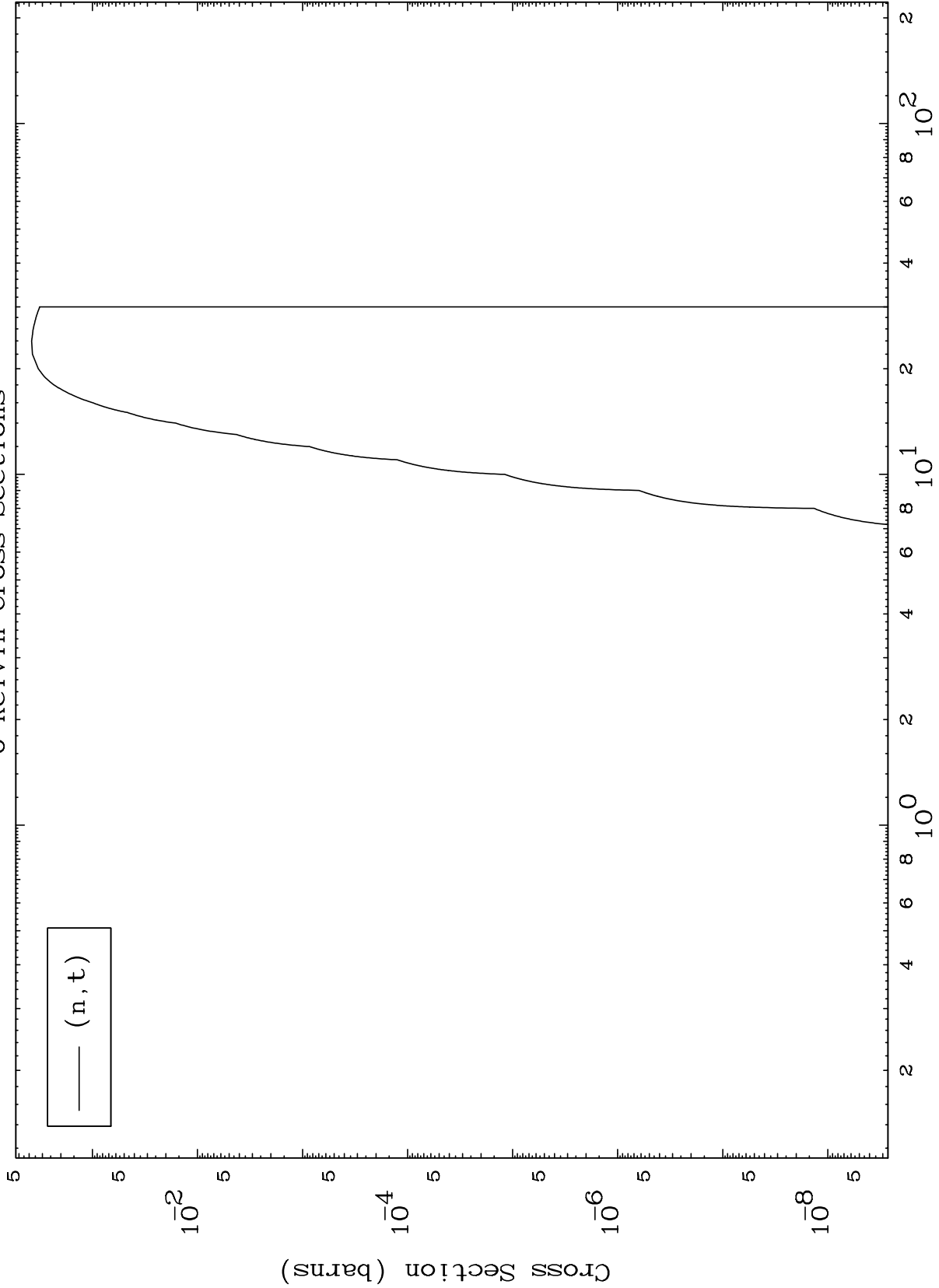


MAT 5537

(He-3,t) Levels

55-Cs-137

0 Kelvin Cross Sections

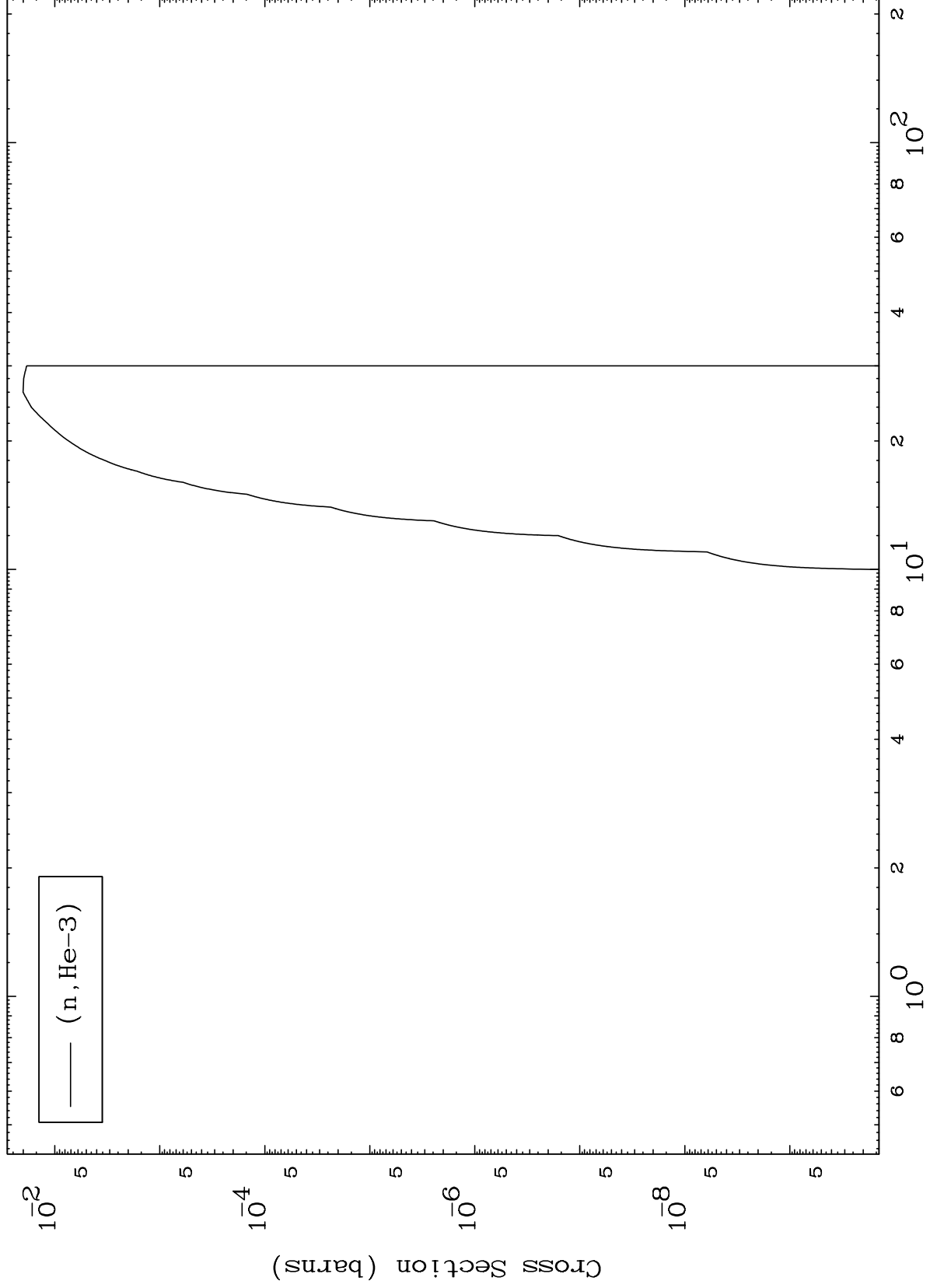


MAT 5537

(He-3, He3) Levels

55-Cs-137

0 Kelvin Cross Sections



10

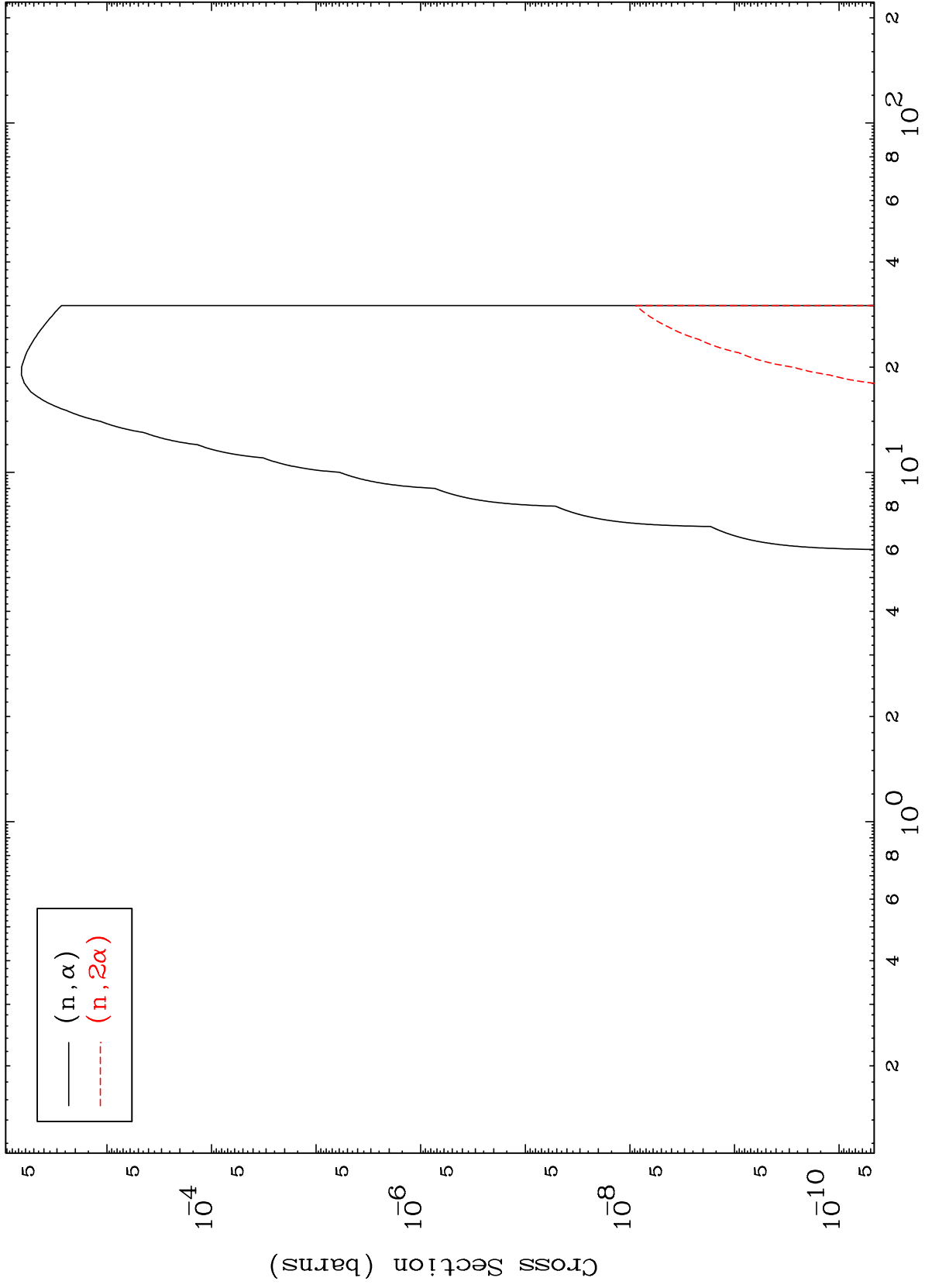
Incident Energy (MeV)

55-Cs-137

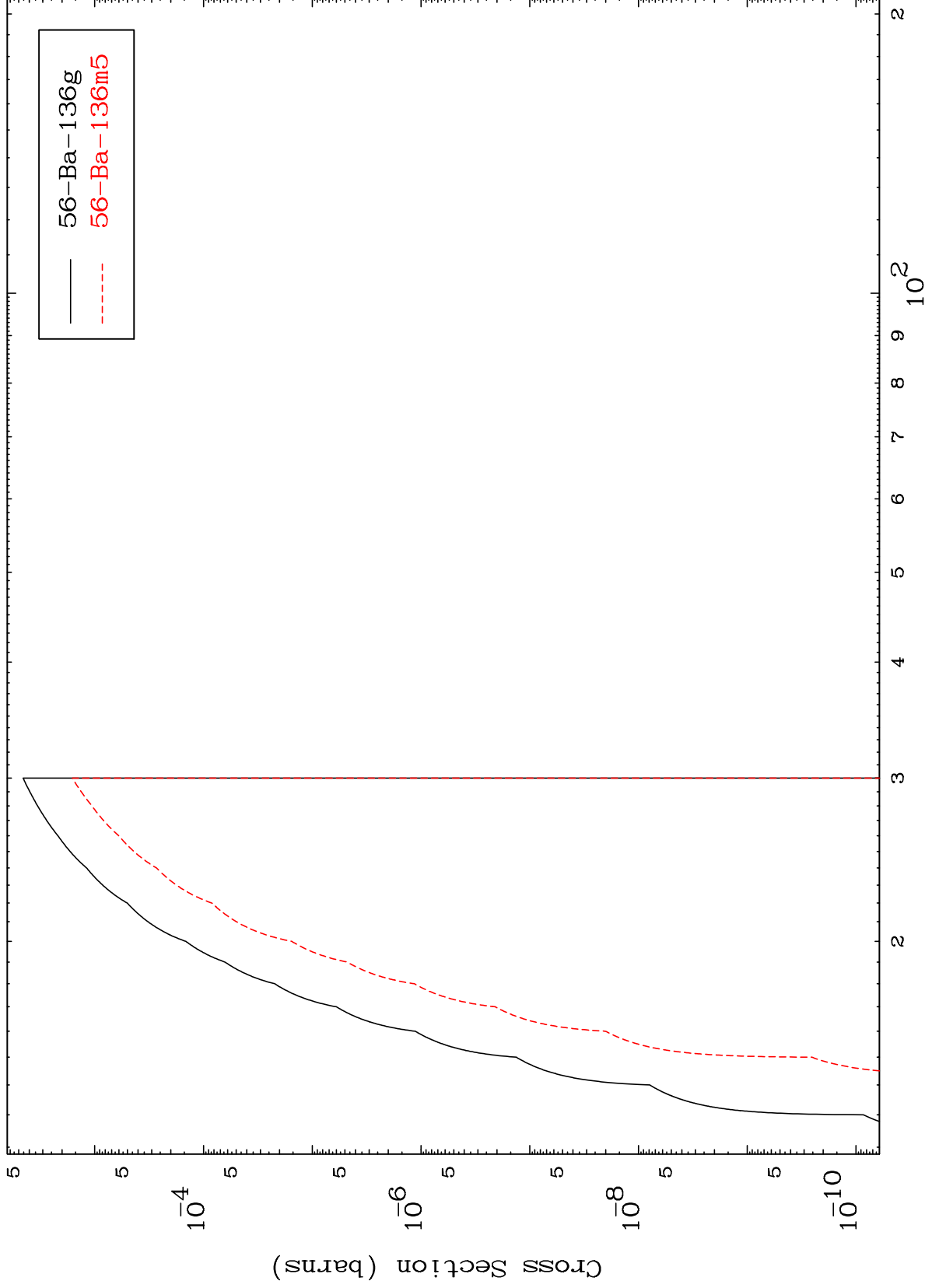
MAT 5537

(He-3, α) Levels
0 Kelvin Cross Sections

55-Cs-137



Radionuclide Production Cross Section

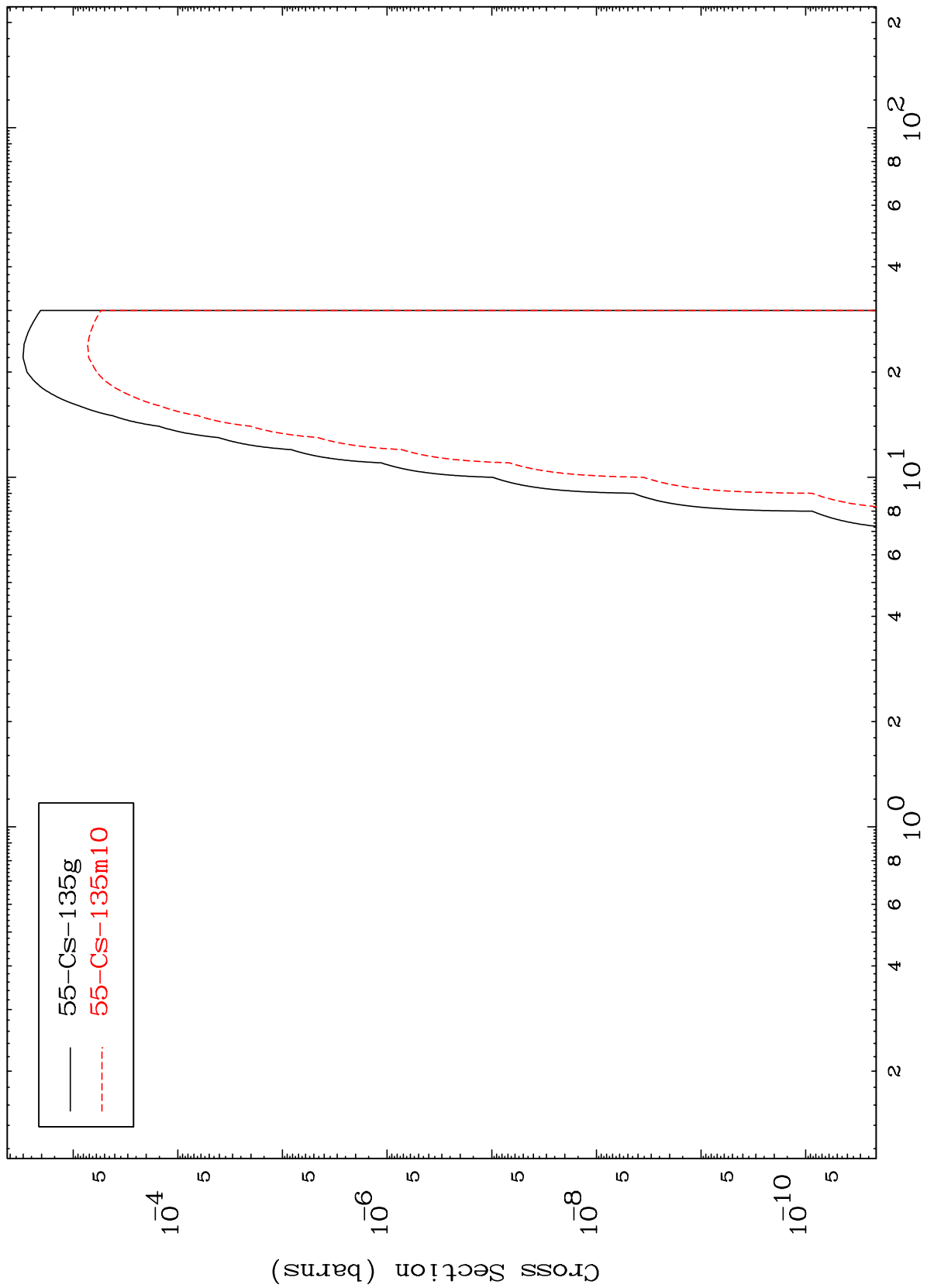


MAT 5537

(n,n') α

55-Cs-137

Radionuclide Production Cross Section

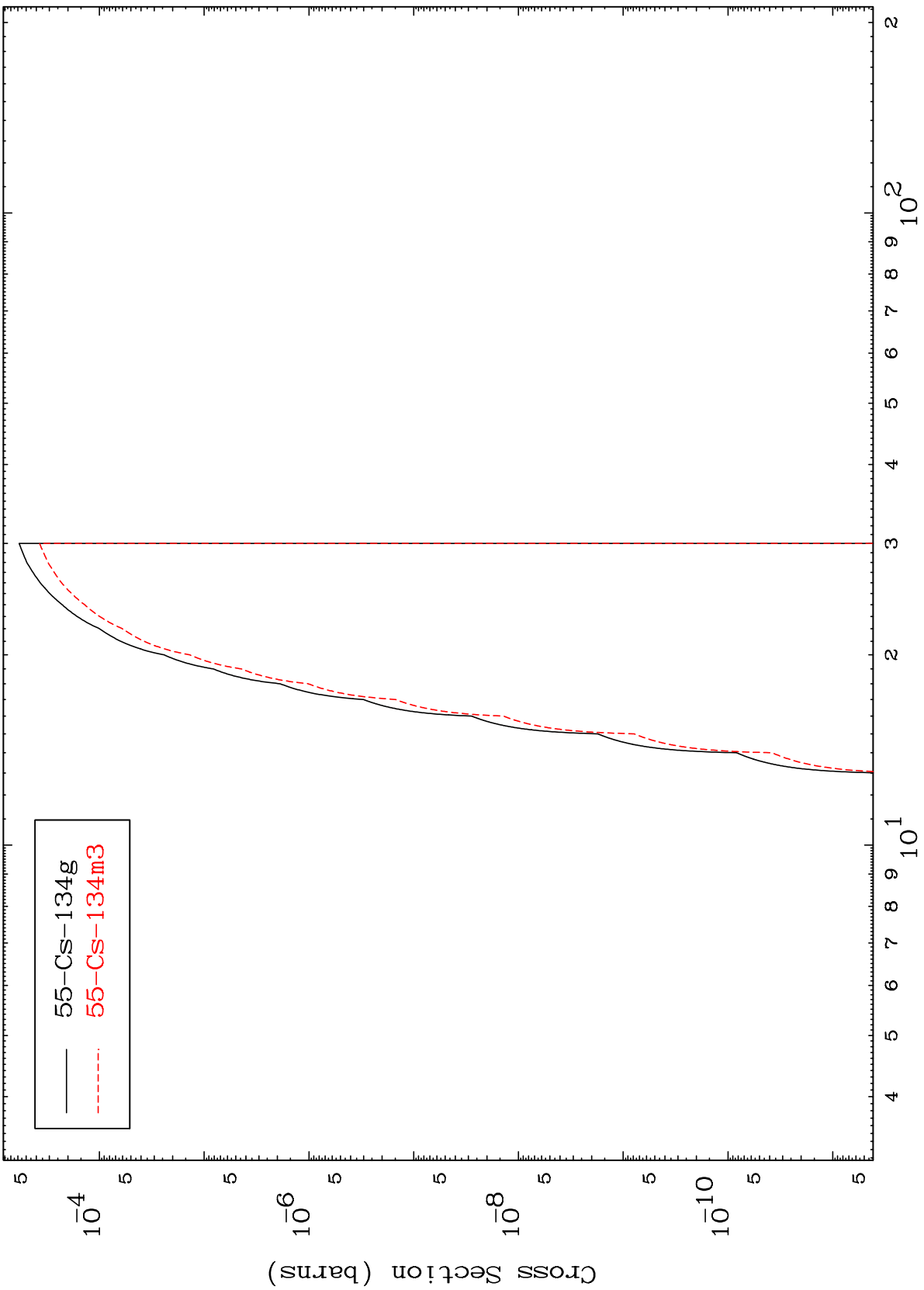


MAT 5537

(n,2n) α

55-Cs-137

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

14

Incident Energy (MeV)

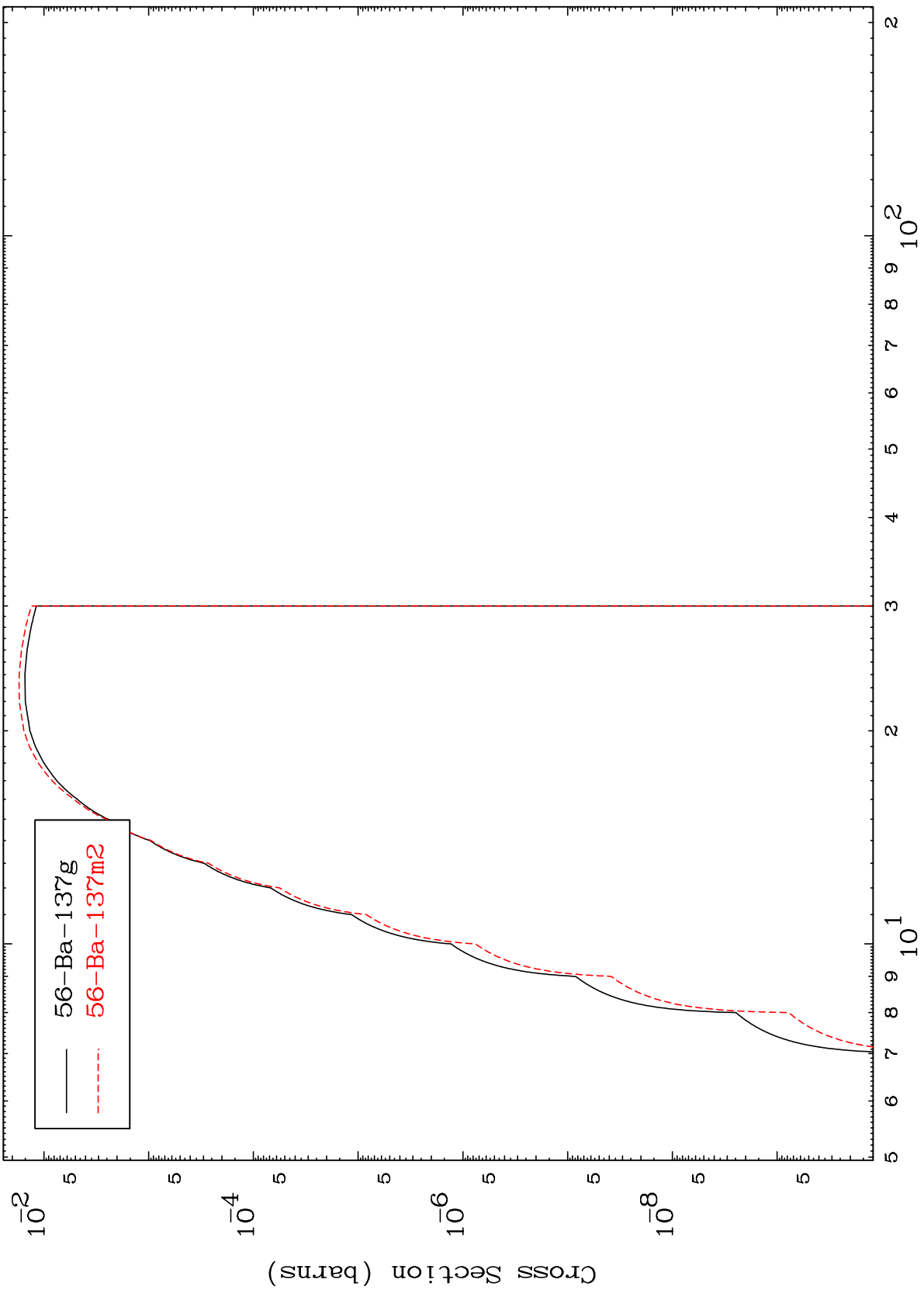
55-Cs-137

MAT 5537

(n,n') d

55-Cs-137

Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-137

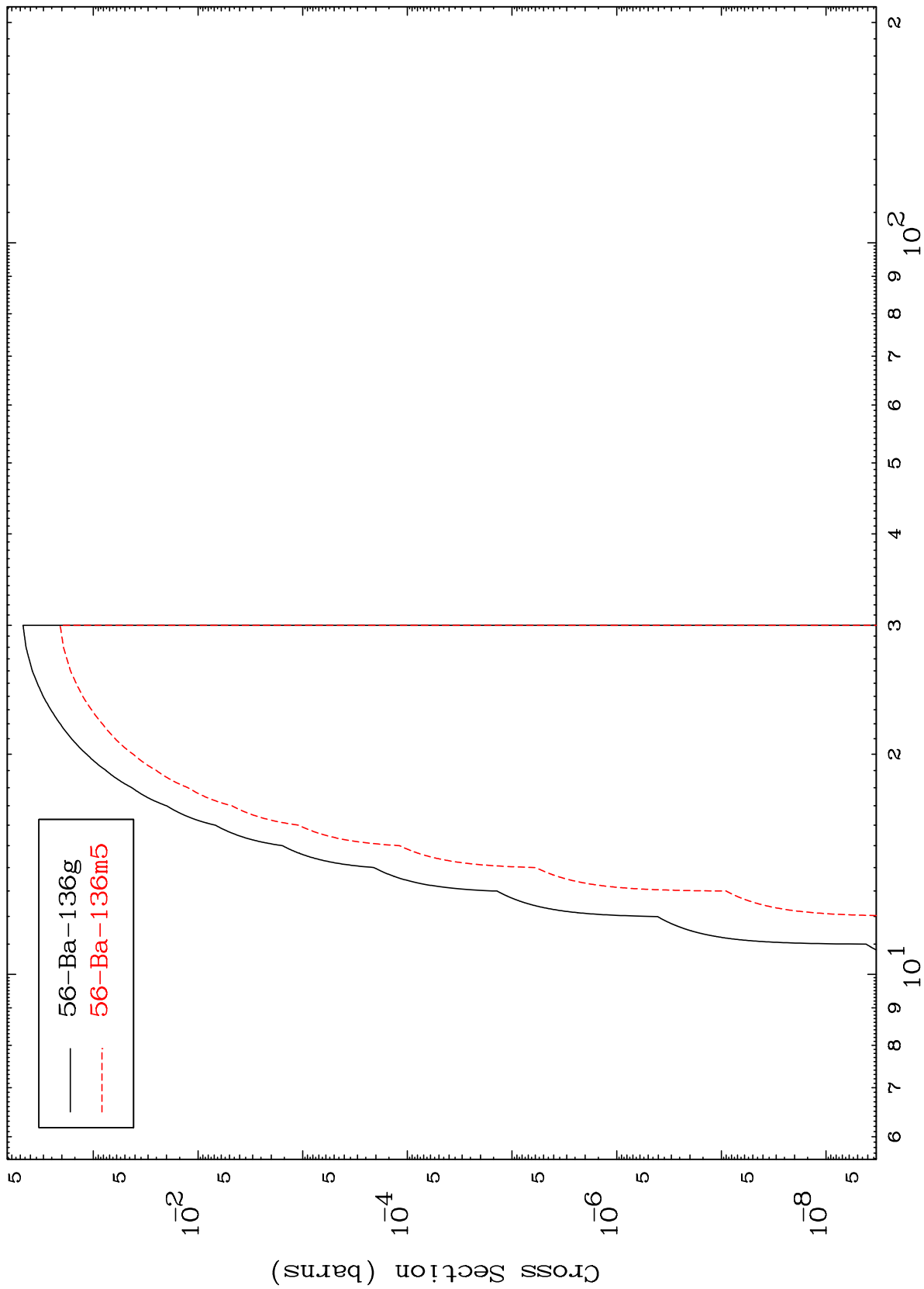
15

MAT 5537

(n,n') t

55-Cs-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

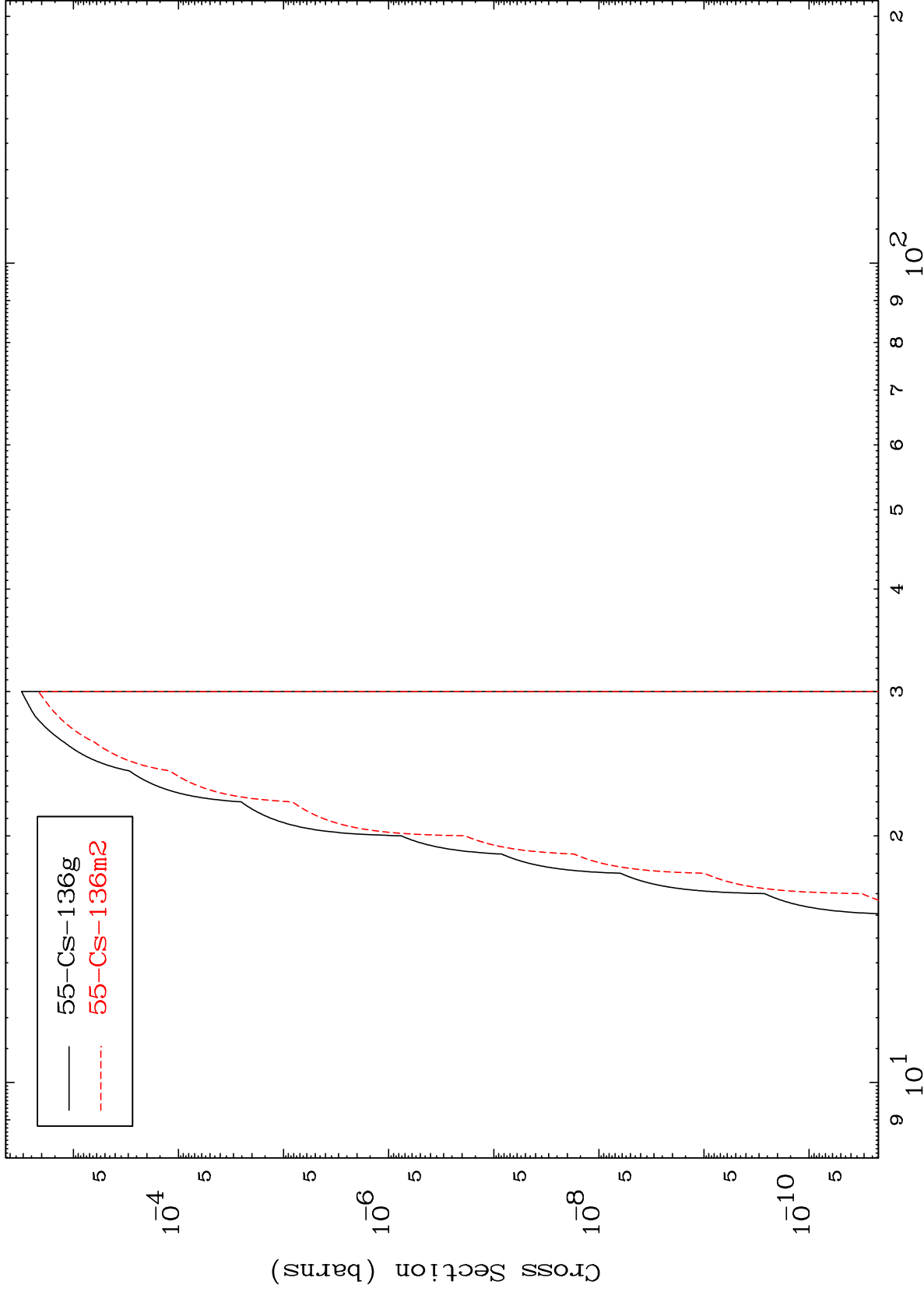
55-Cs-137

MAT 5537

(n,n') He-3

55-Cs-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

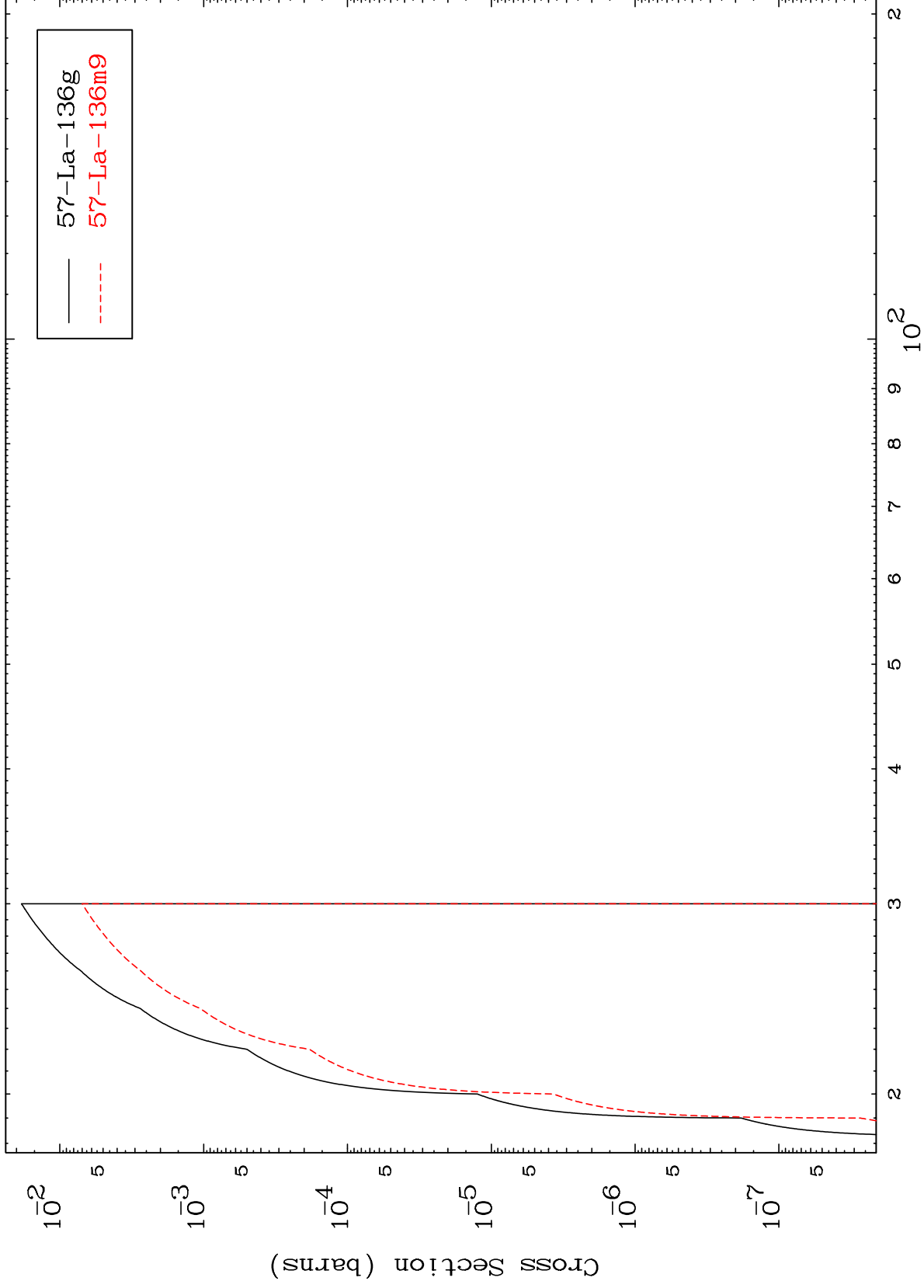
55-Cs-137

MAT 5537

(n,4n)

55-Cs-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

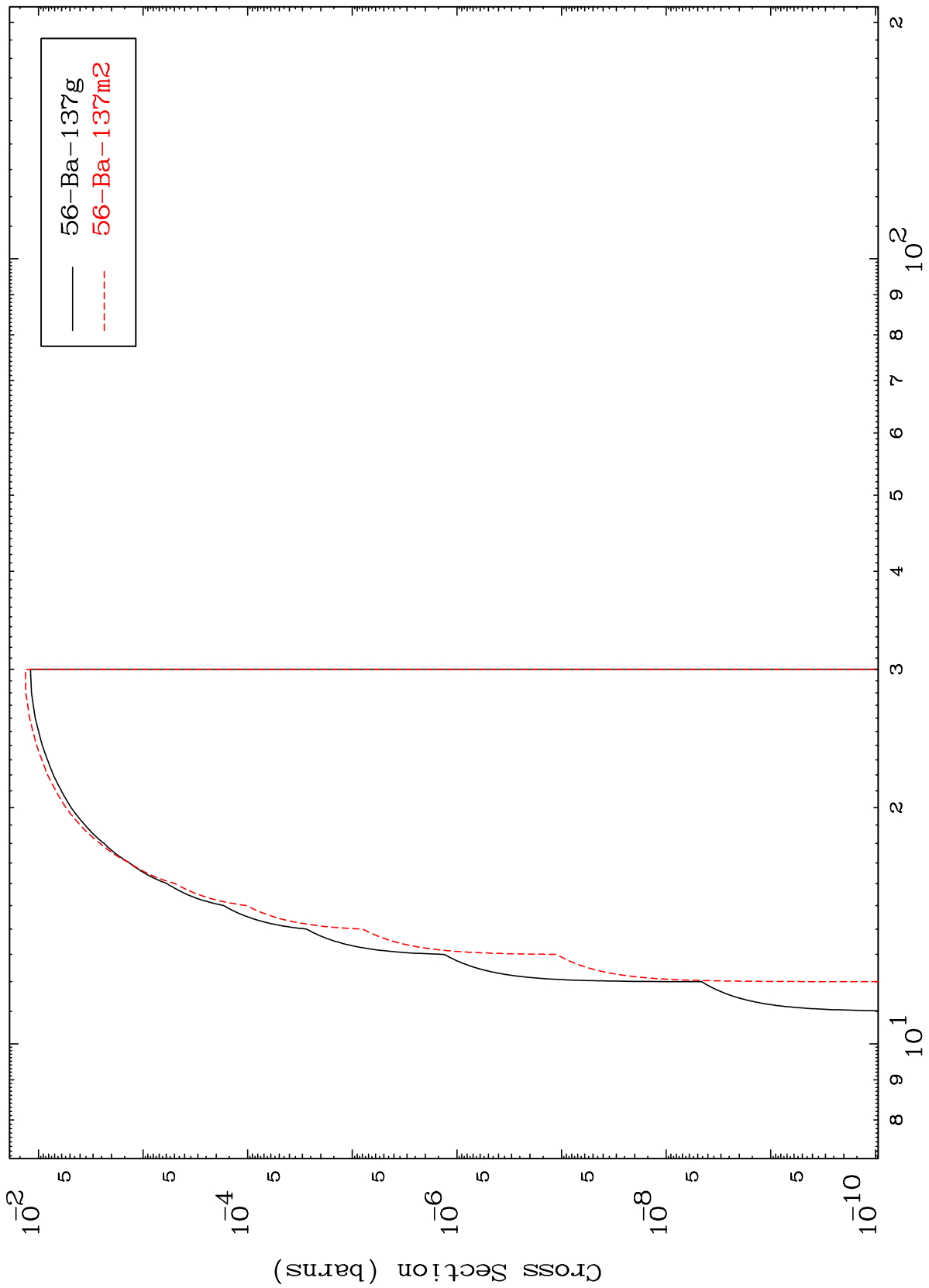
55-Cs-137

MAT 5537

55-Cs-137

(n,2n) p

Radionuclide Production Cross Section



19

Incident Energy (MeV)

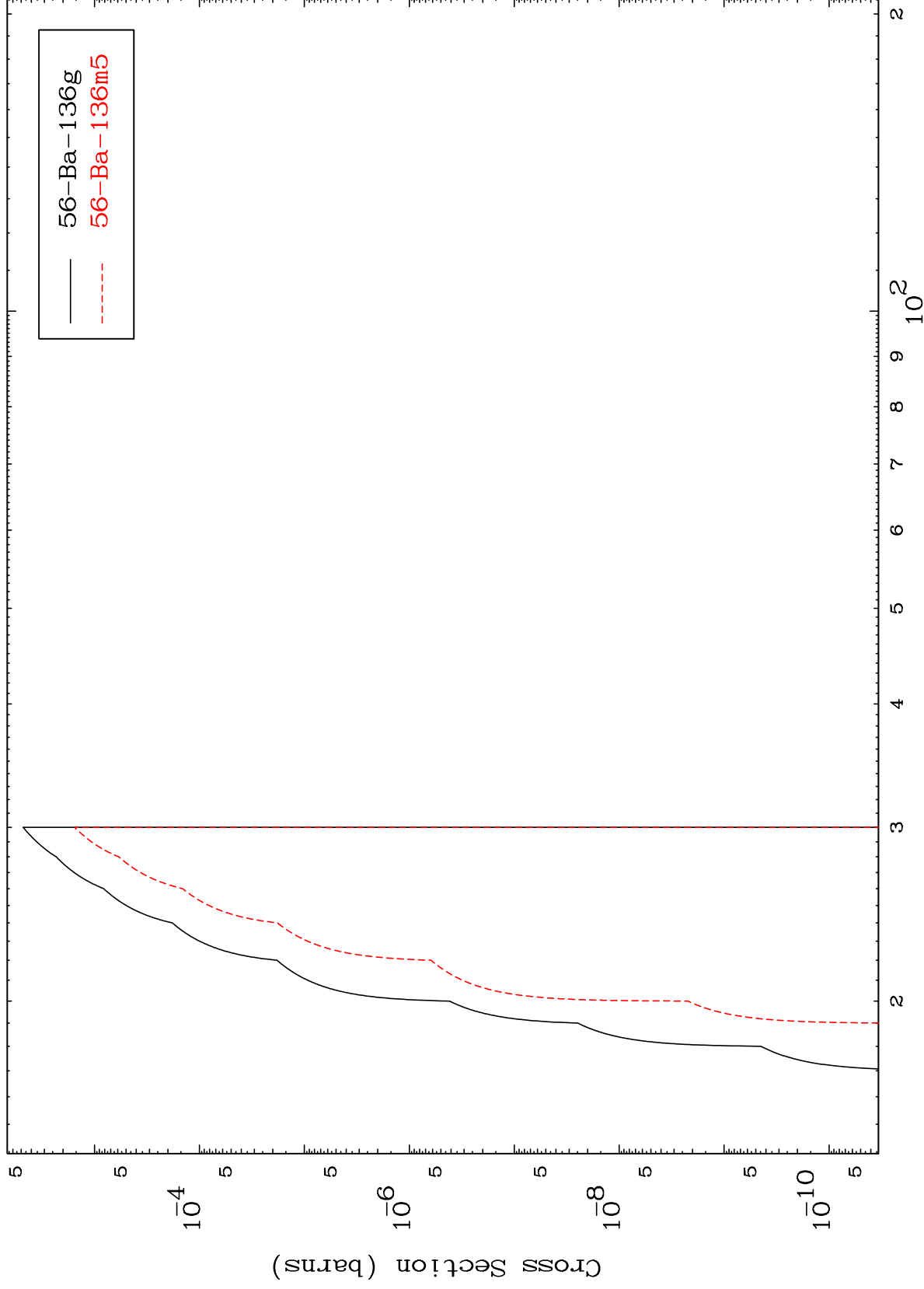
55-Cs-137

MAT 5537

(n,3n) p

55-Cs-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

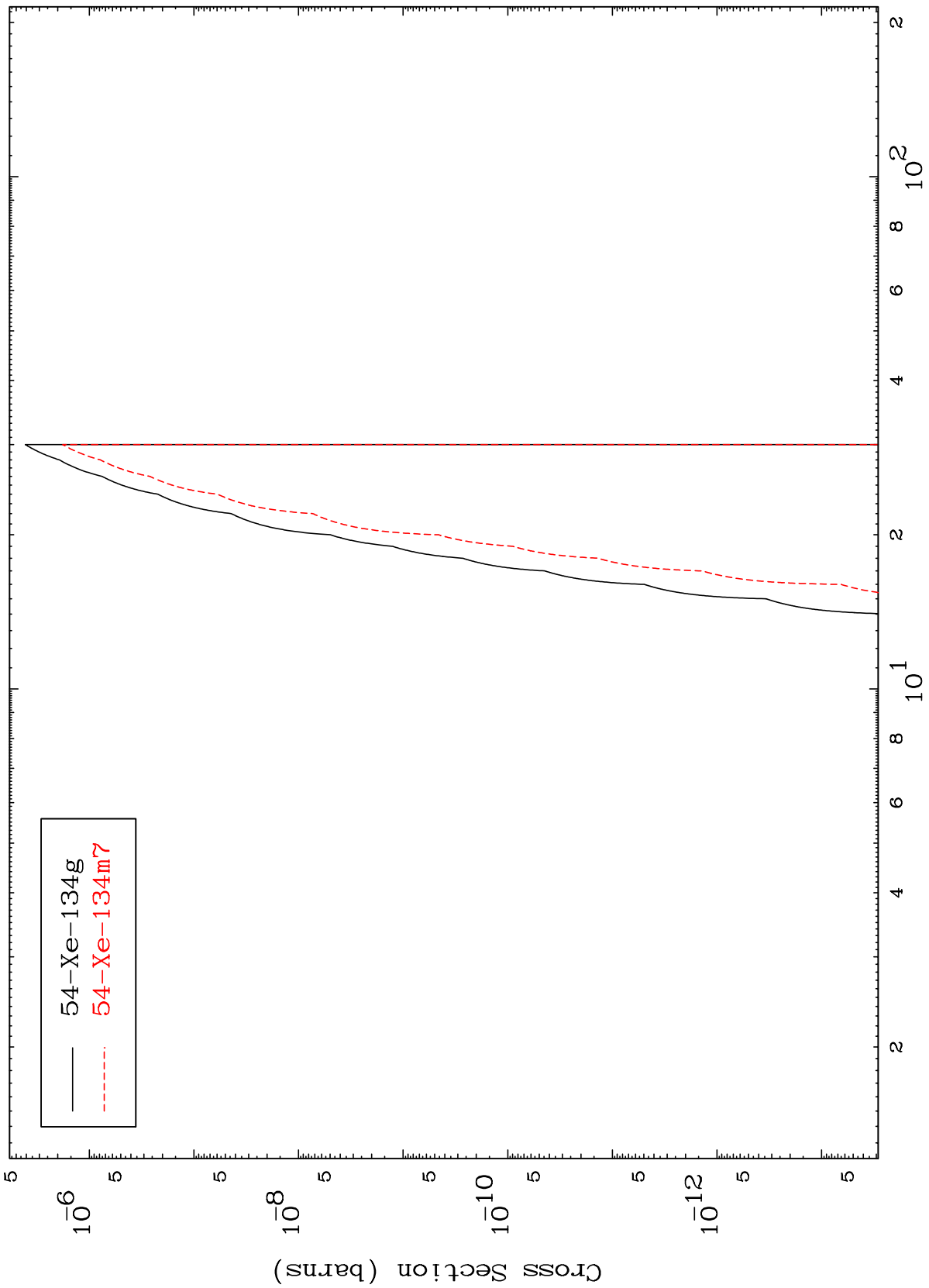
55-Cs-137

MAT 5537

(n,n') p α

55-Cs-137

Radionuclide Production Cross Section

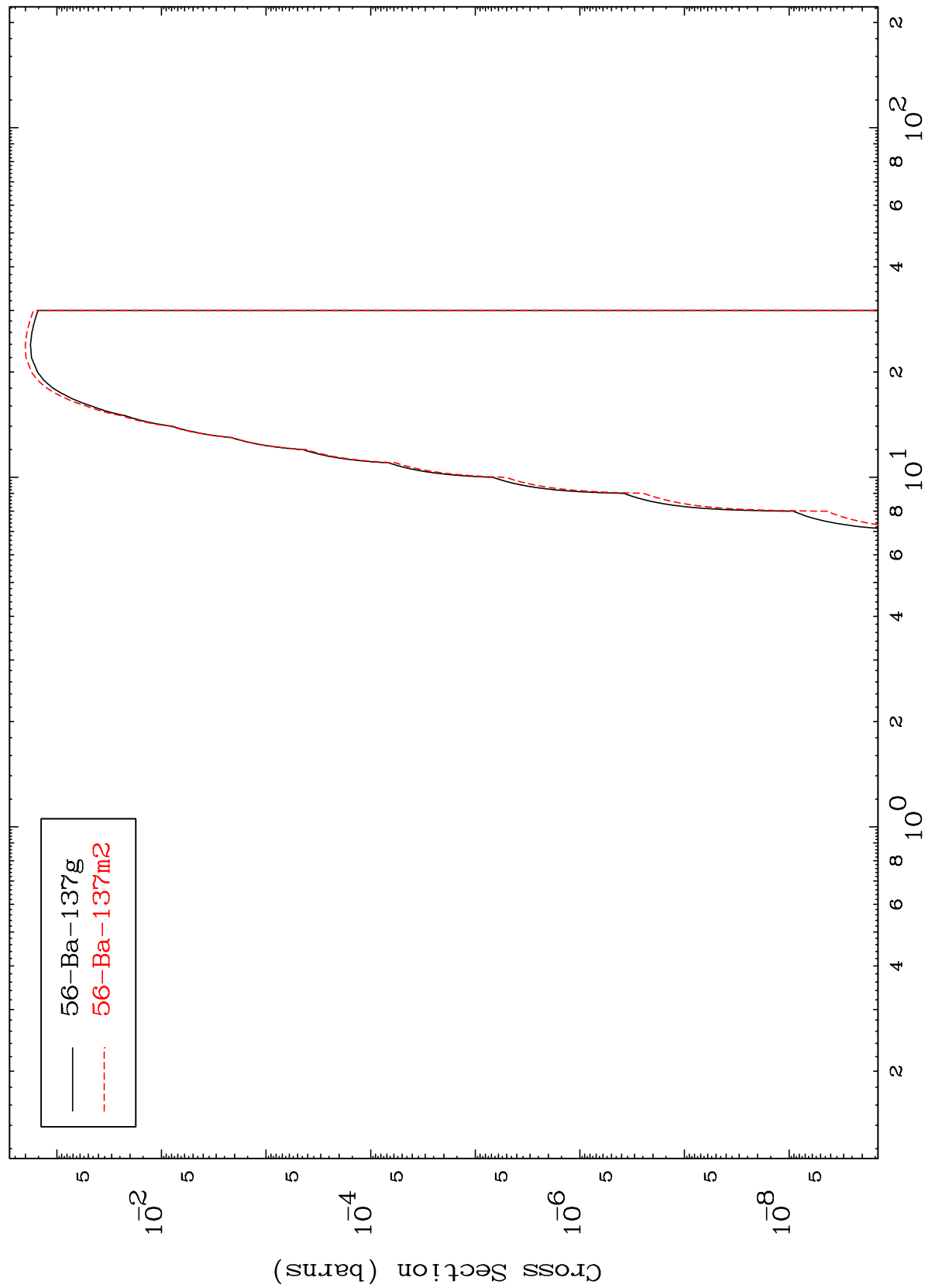


54-Xe-134g
54-Xe-134m7

MAT 5537

55-Cs-137

(n, t)
Radionuclide Production Cross Section



55-Cs-137

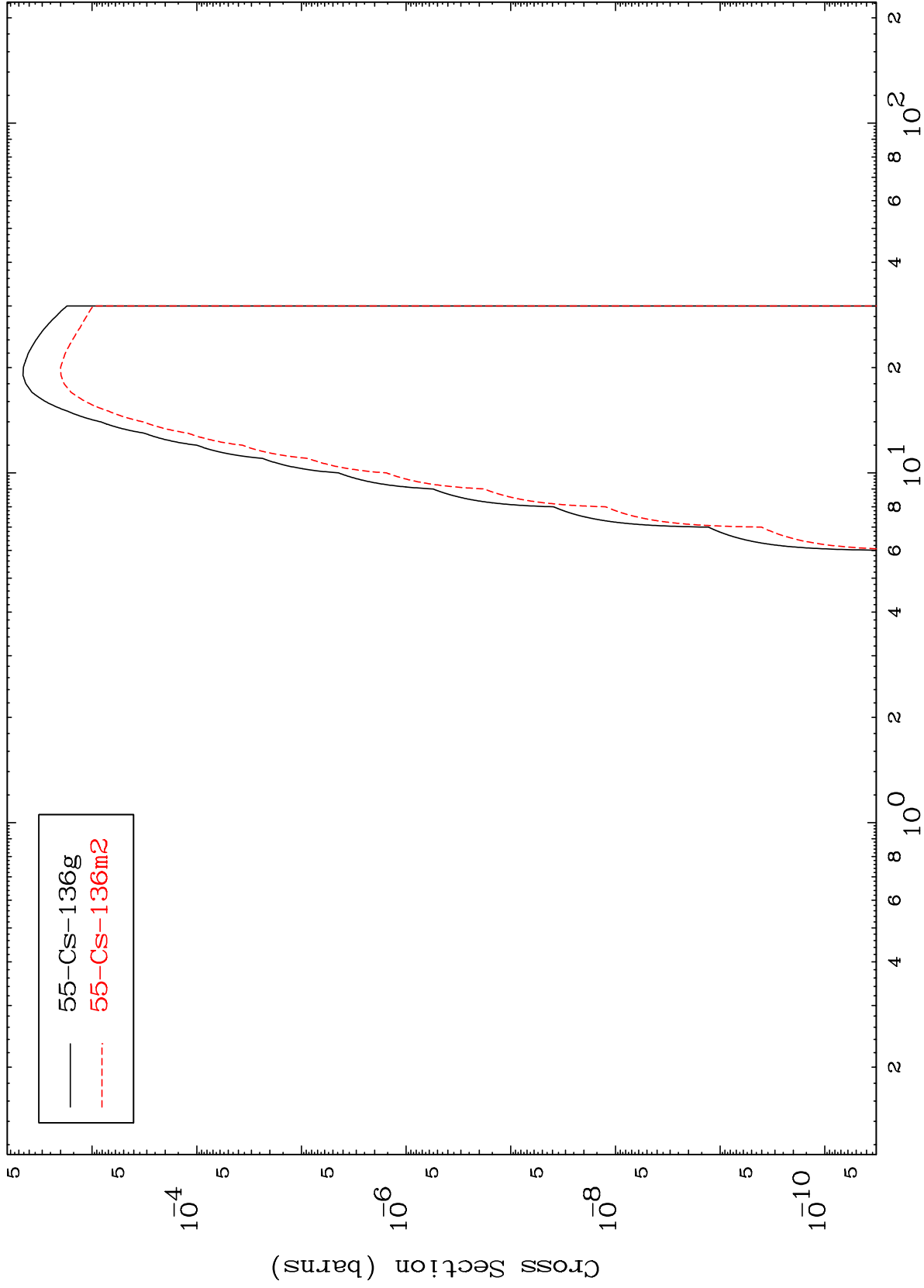
Incident Energy (MeV)

22

MAT 5537

55-Cs-137

(n, α)
Radionuclide Production Cross Section



55-Cs-137

Incident Energy (MeV)

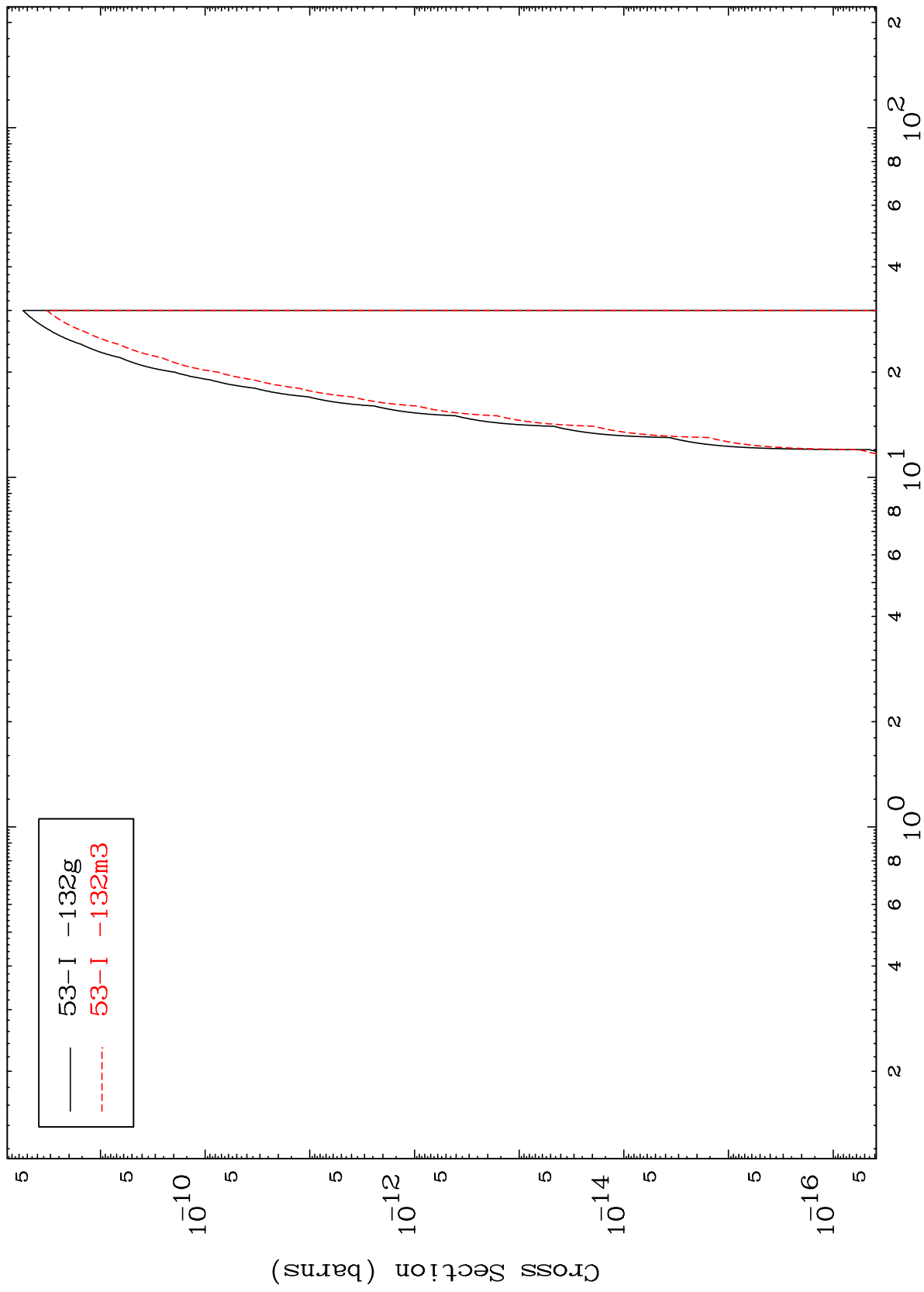
23

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55-Cs-137

(n,2α)

Radionuclide Production Cross Section



55-Cs-137

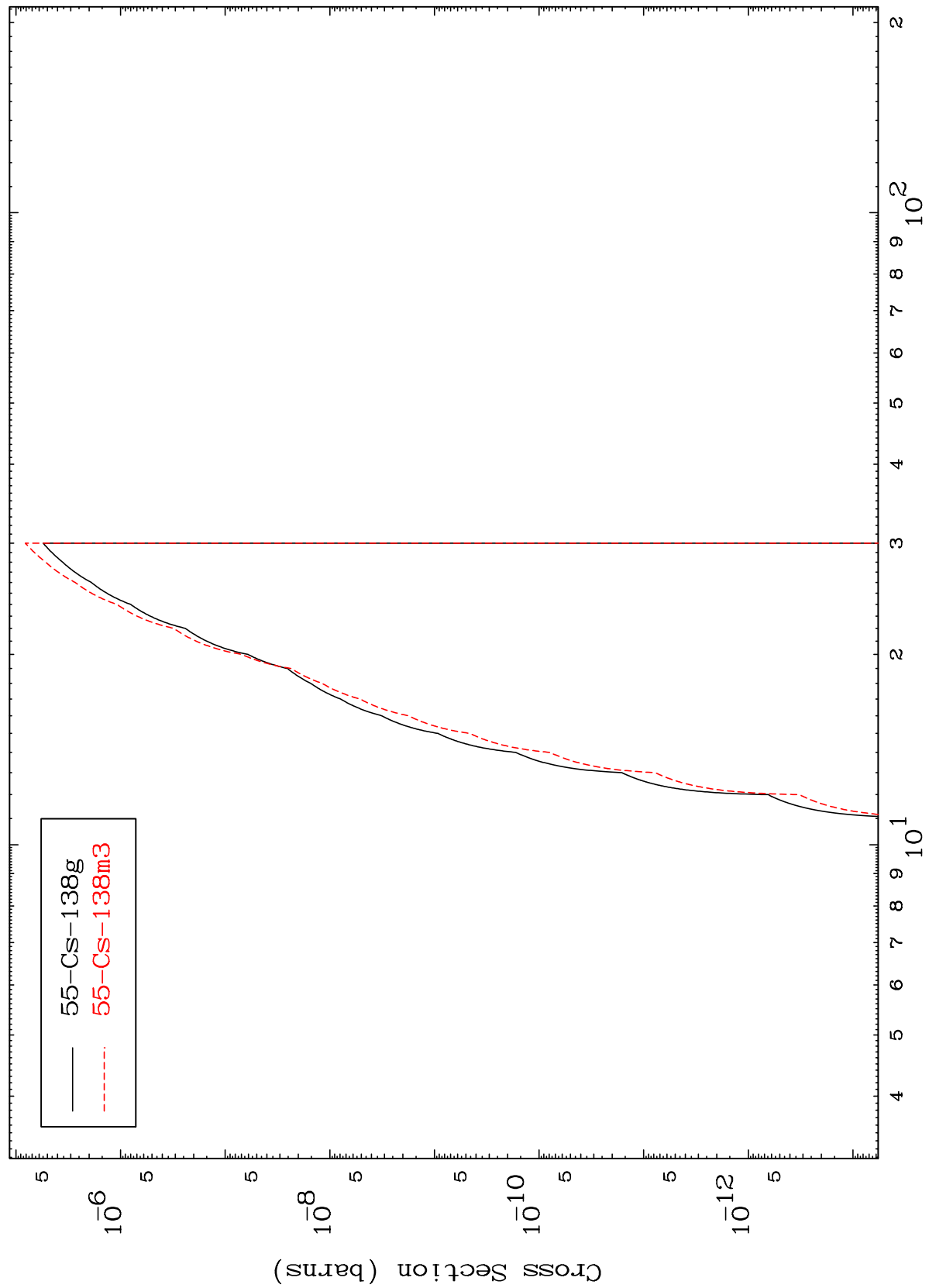
Incident Energy (MeV)

24

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55-Cs-137

Radionuclide Production Cross Section
(n,2p)



55-Cs-138g
55-Cs-138m3

25

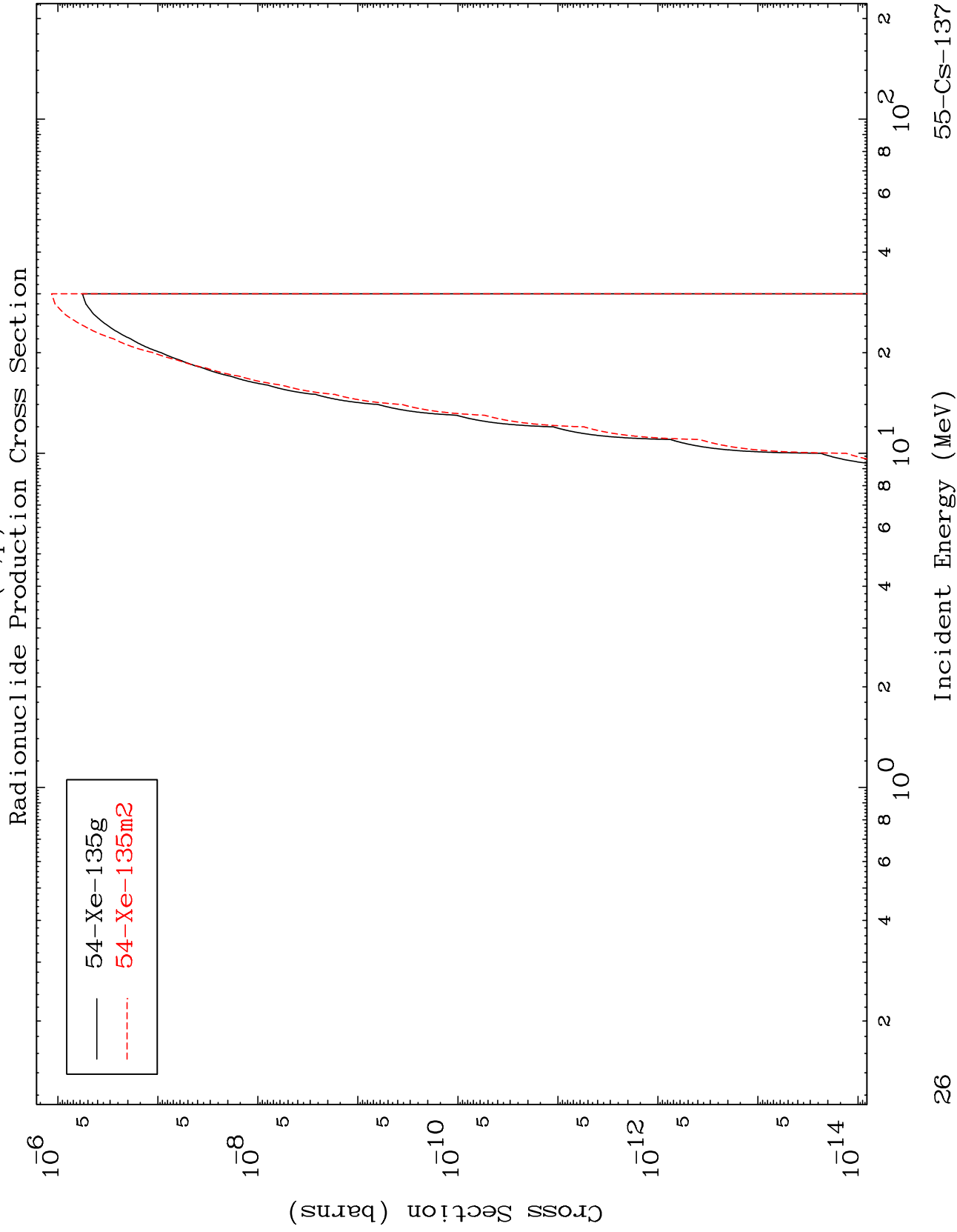
Incident Energy (MeV)

55-Cs-137

MAT 5537

(n,p) α

55-Cs-137



26

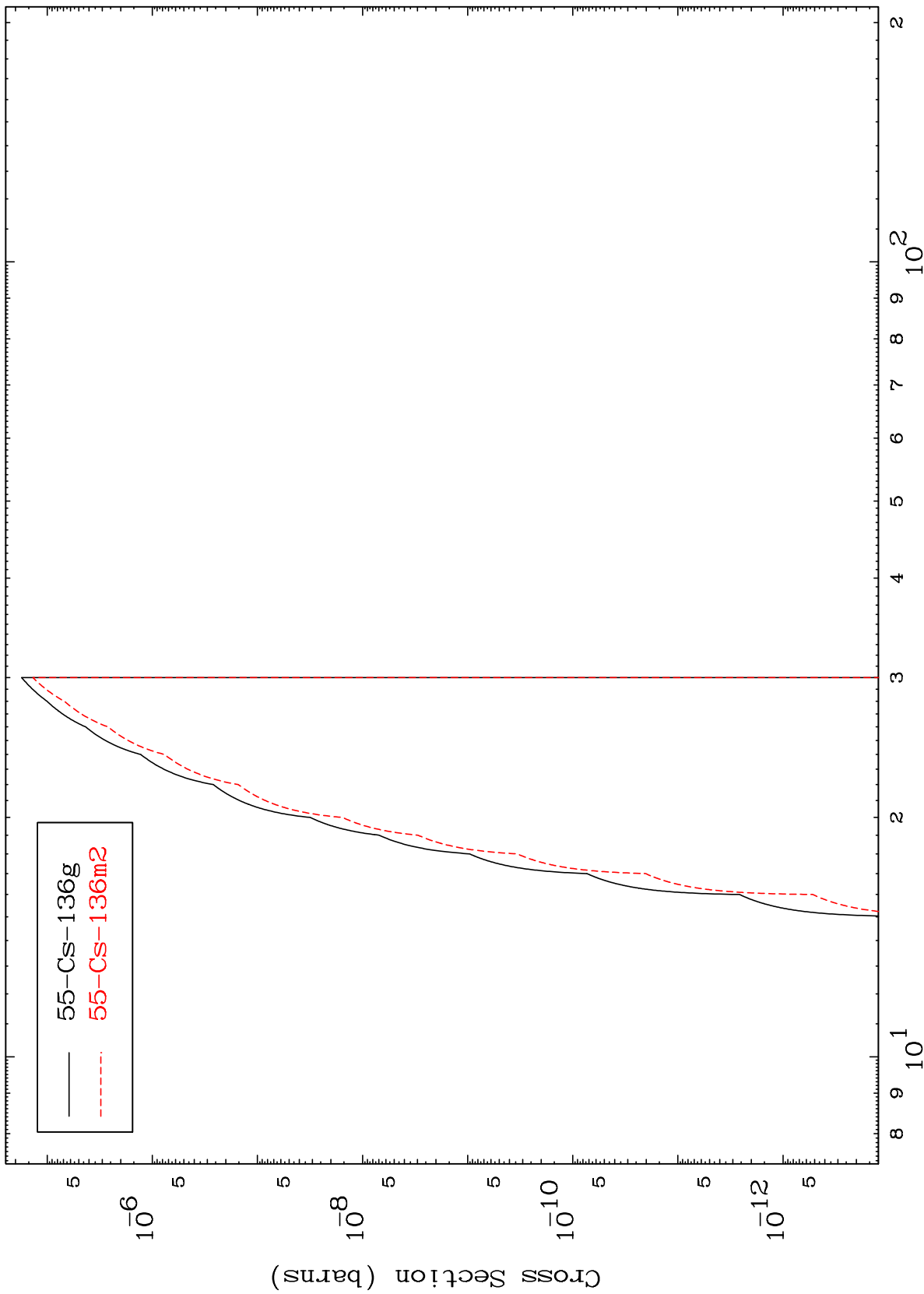
55-Cs-137

MAT 5537

(n,p) t

55-Cs-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

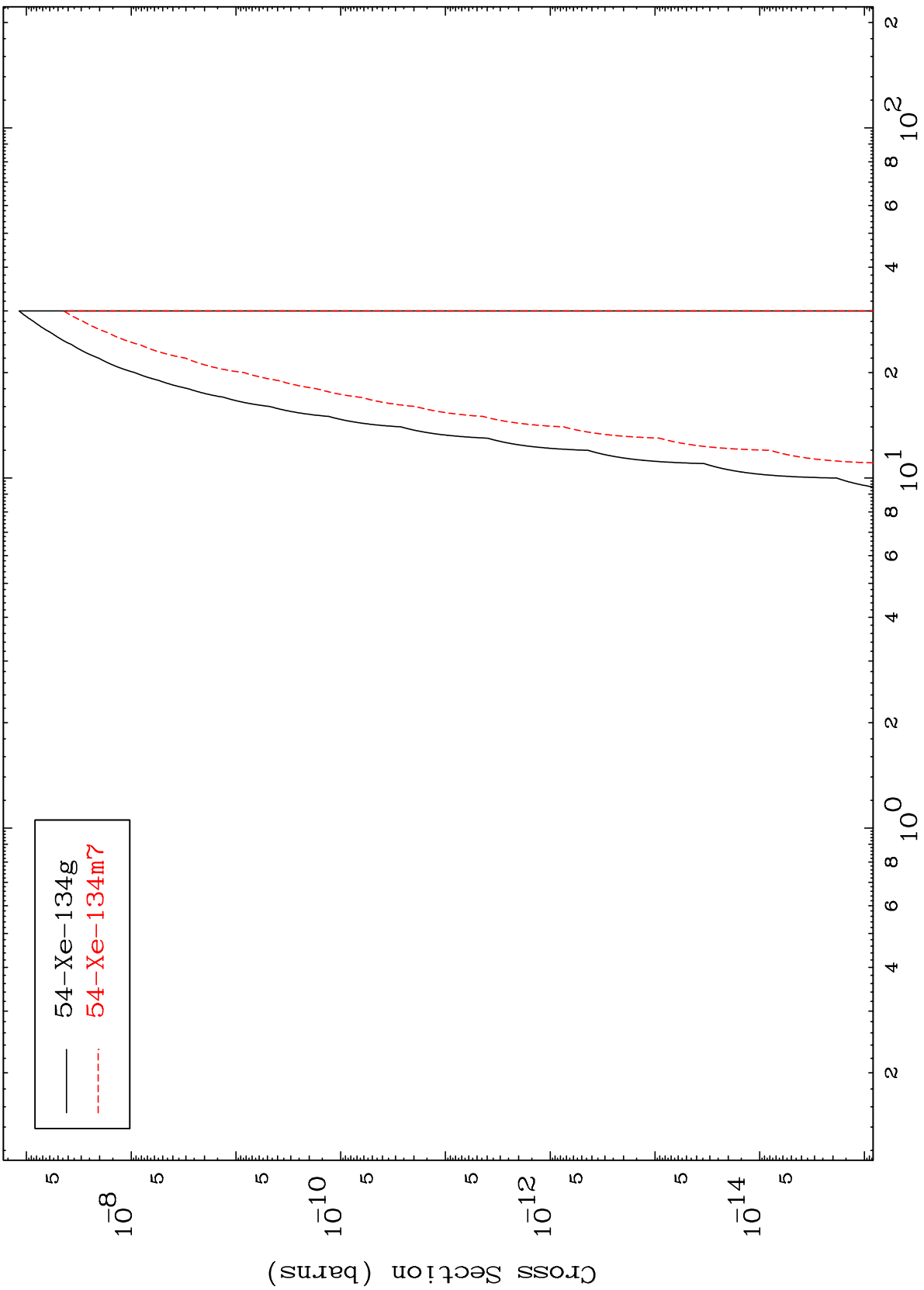
55-Cs-137

MAT 5537

(n,d) α

55-Cs-137

Radionuclide Production Cross Section



54-Xe-134g
54-Xe-134m7