

Program EVALPLOT
(Version 2021-1)

by

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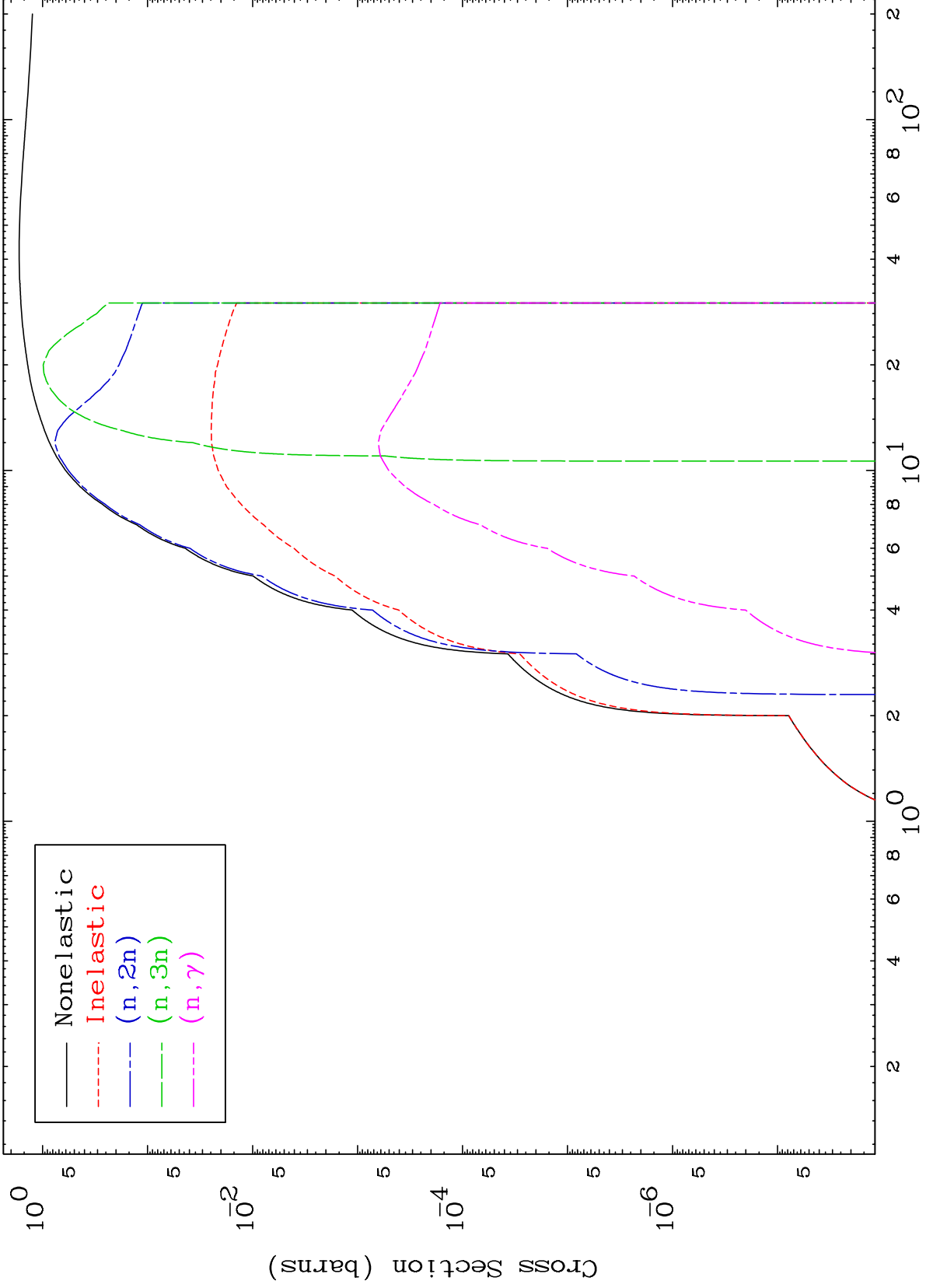
Press Mouse Button to Start

MAT 5467

Proton Major

54-Xe-138

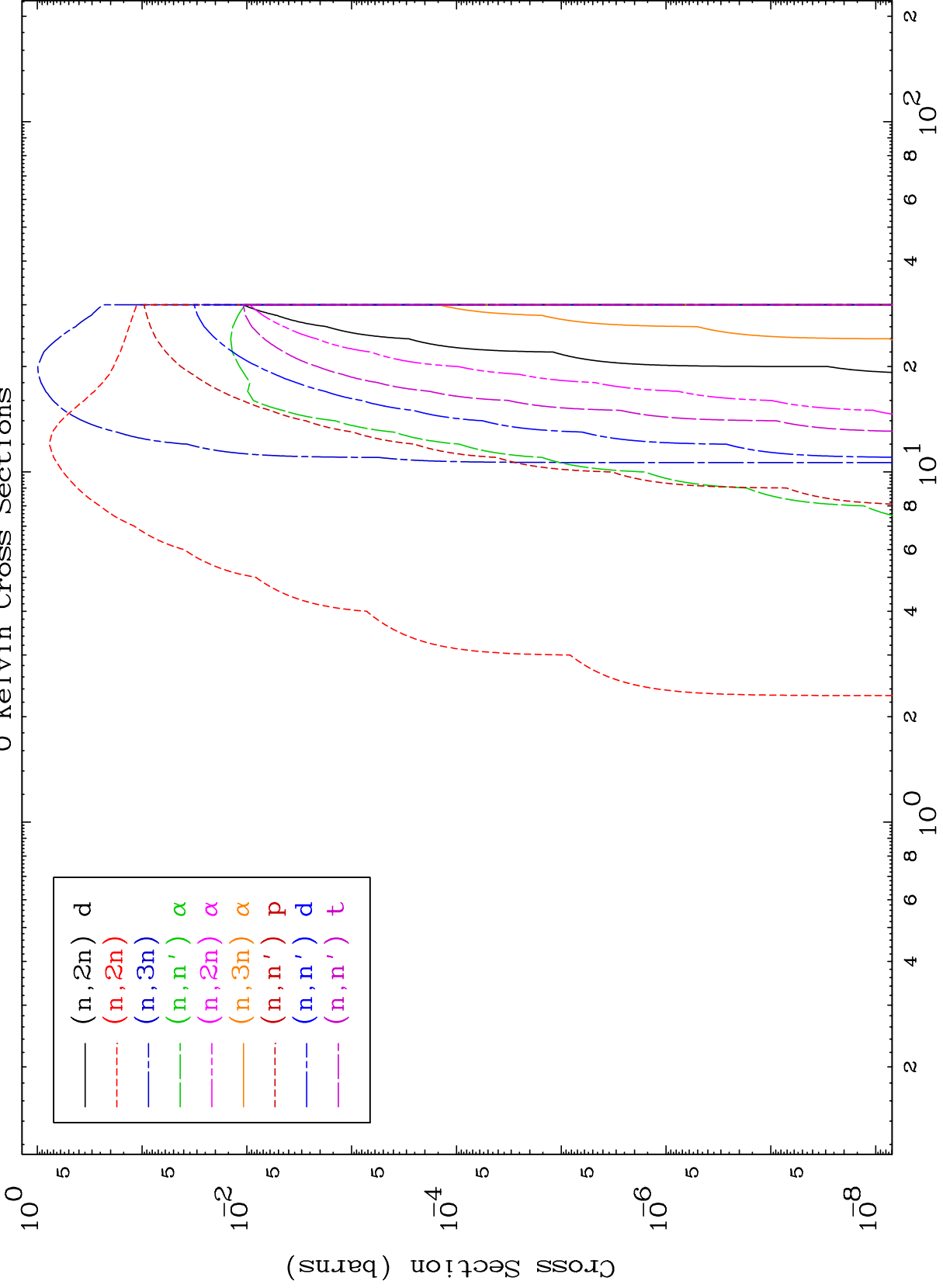
0 Kelvin Cross Sections



MAT 5467

Proton Neutron Absorption
0 Kelvin Cross Sections

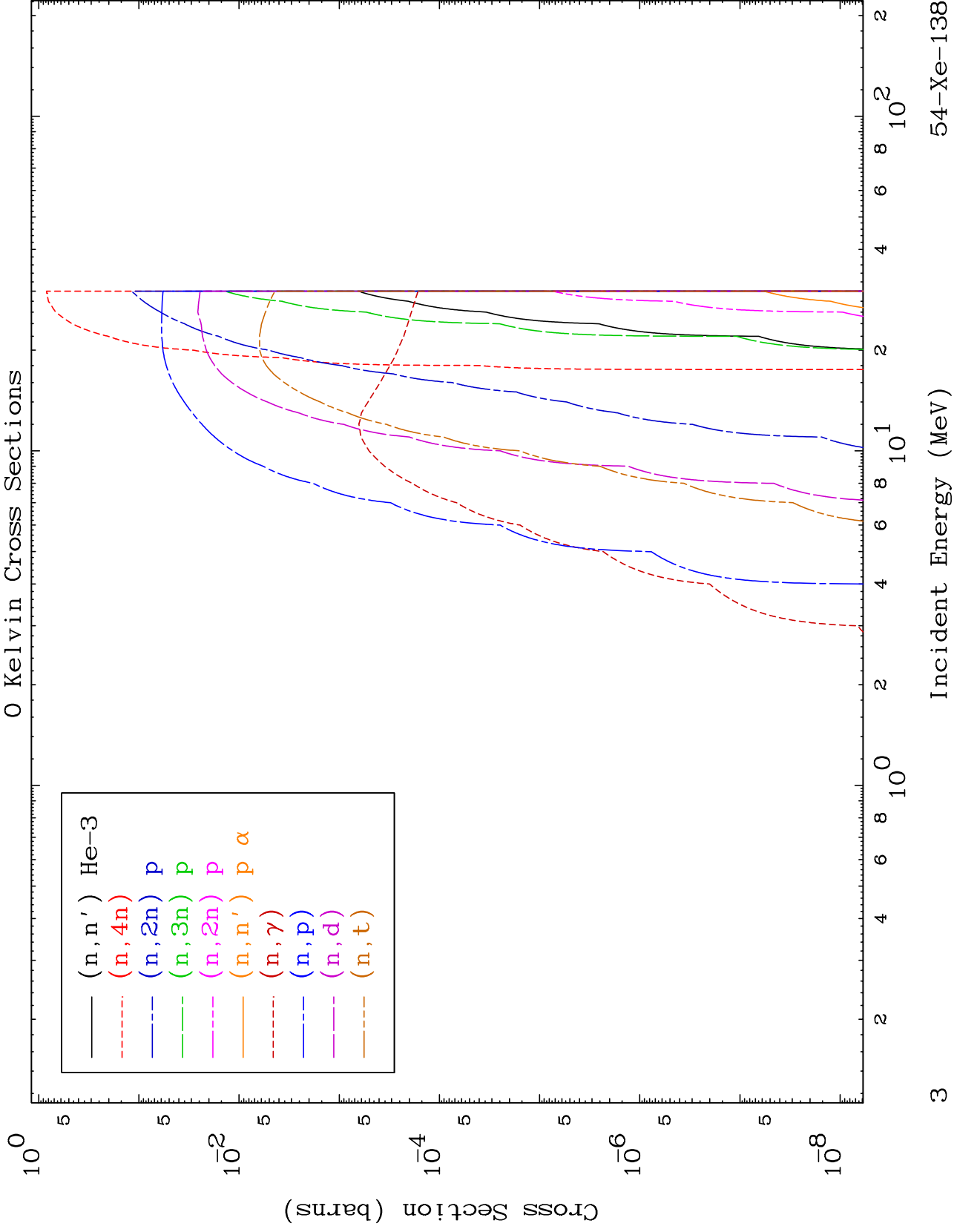
54-Xe-138

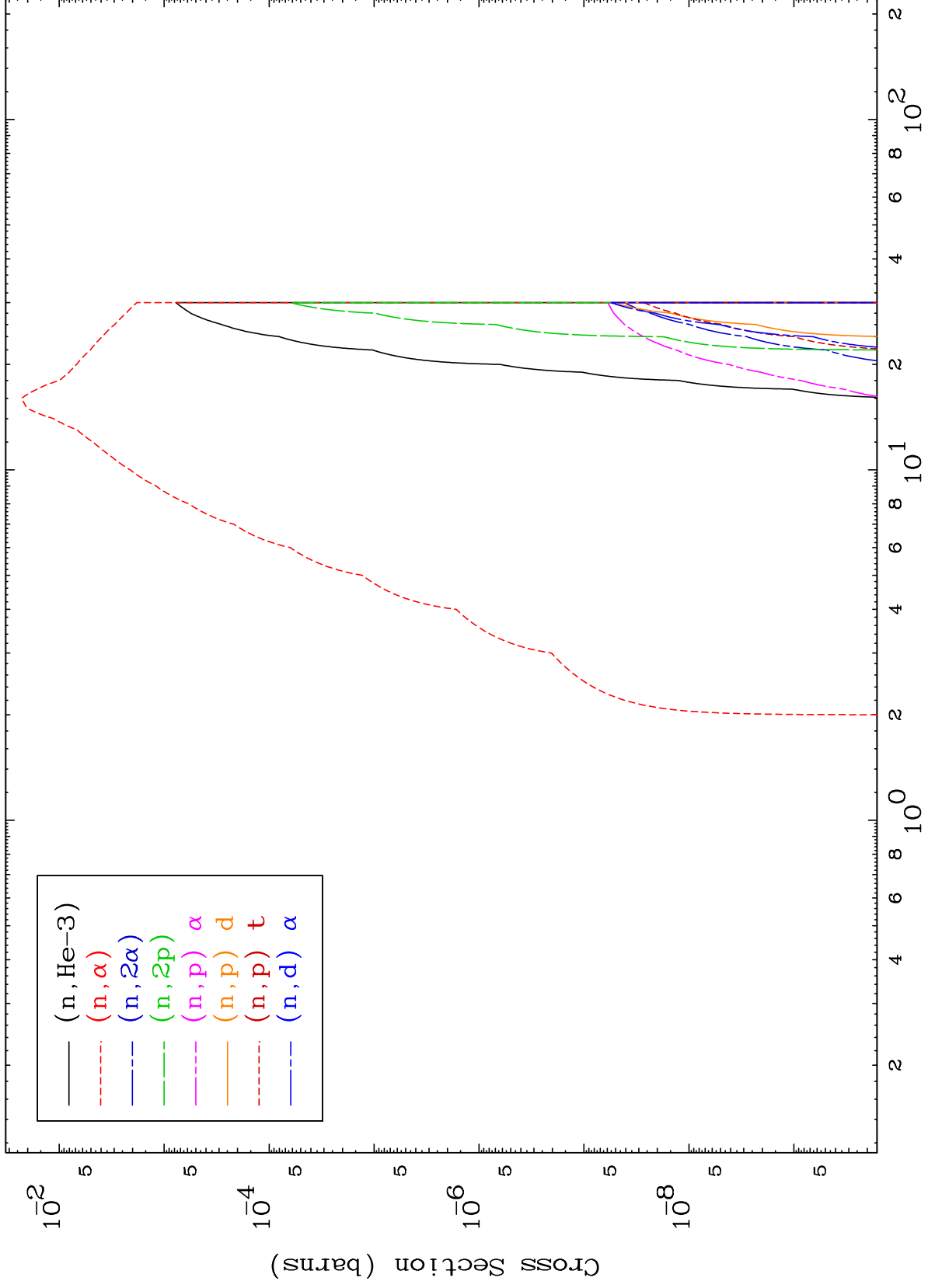


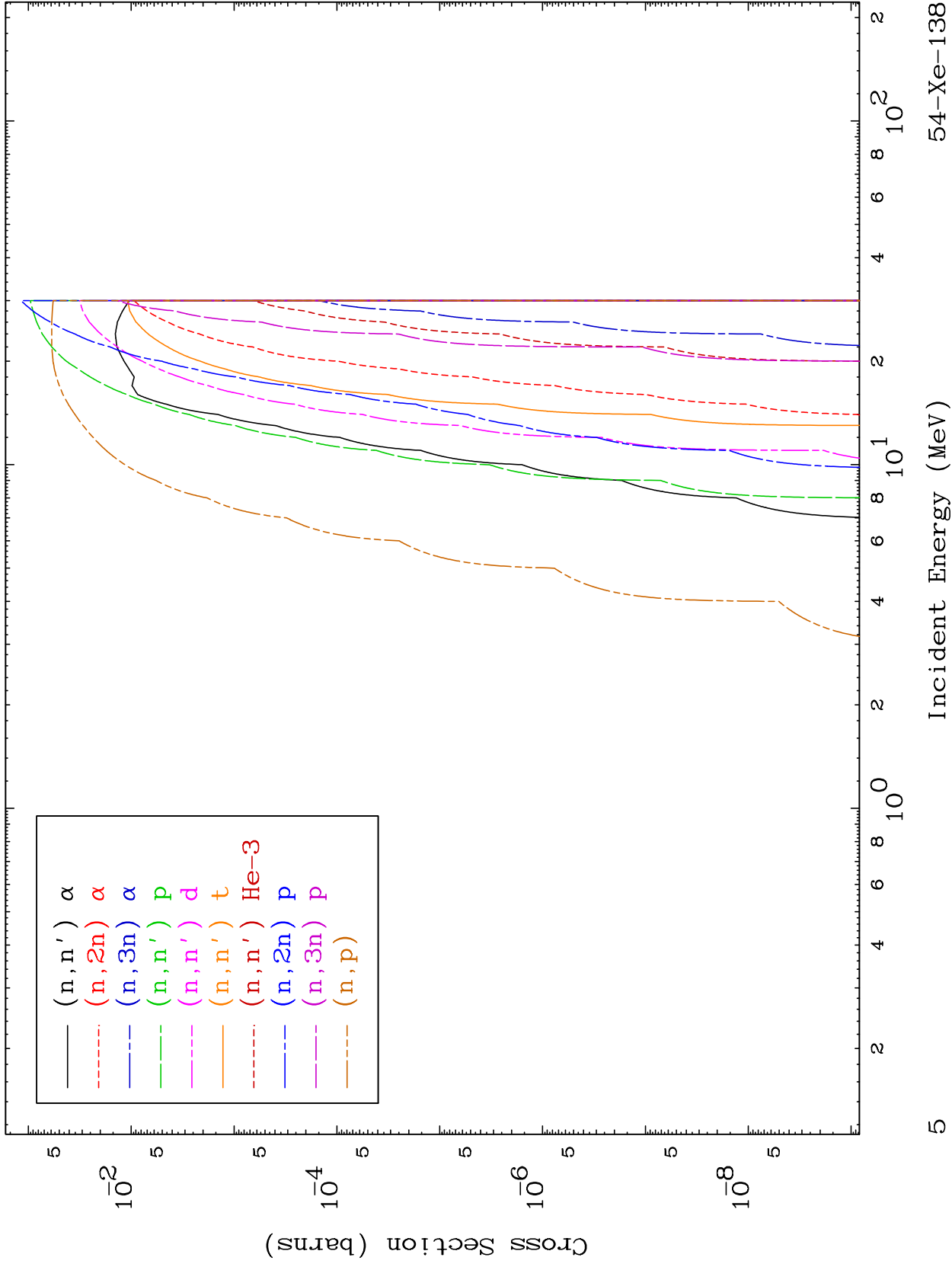
MAT 5467

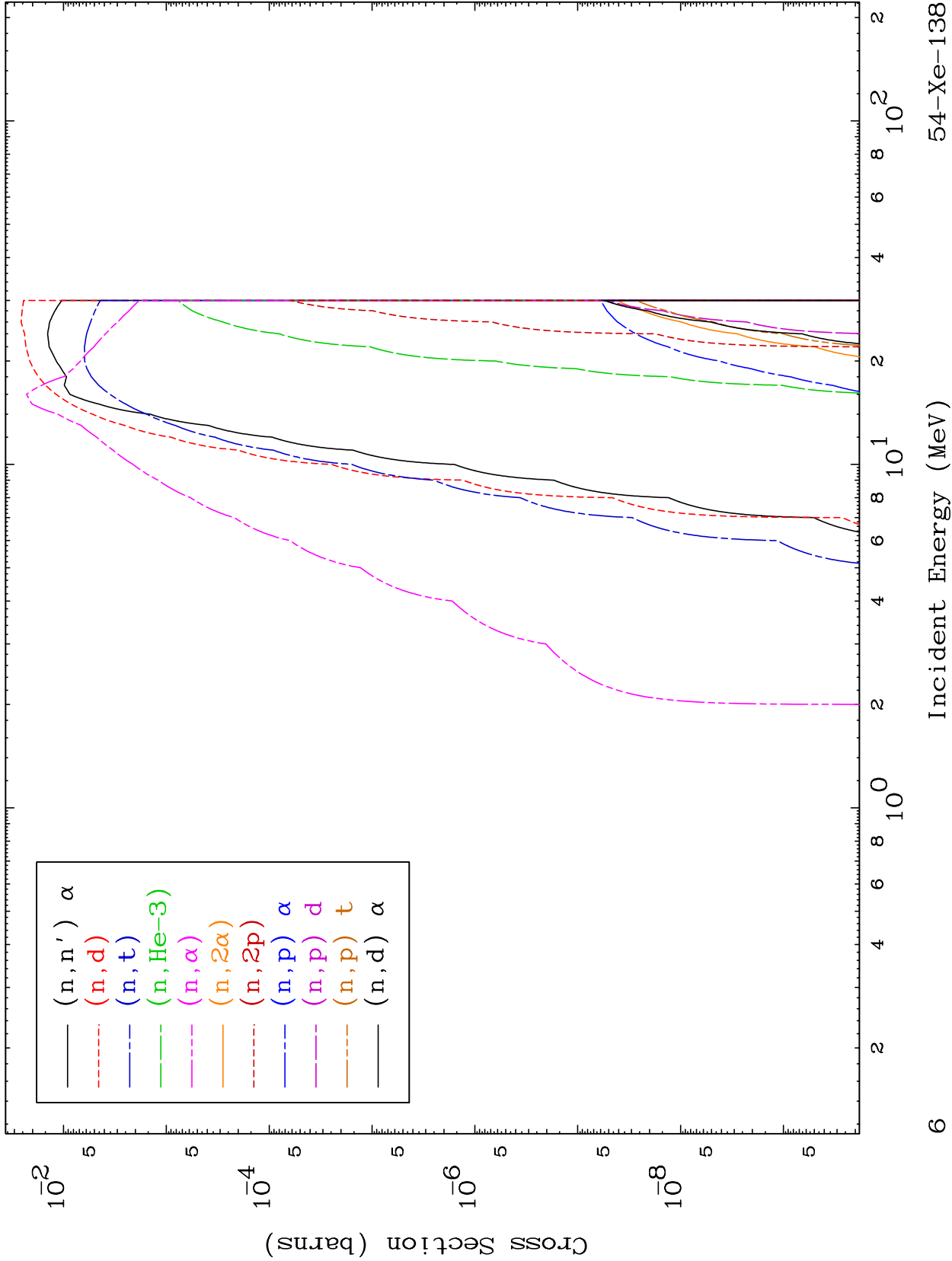
Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-138





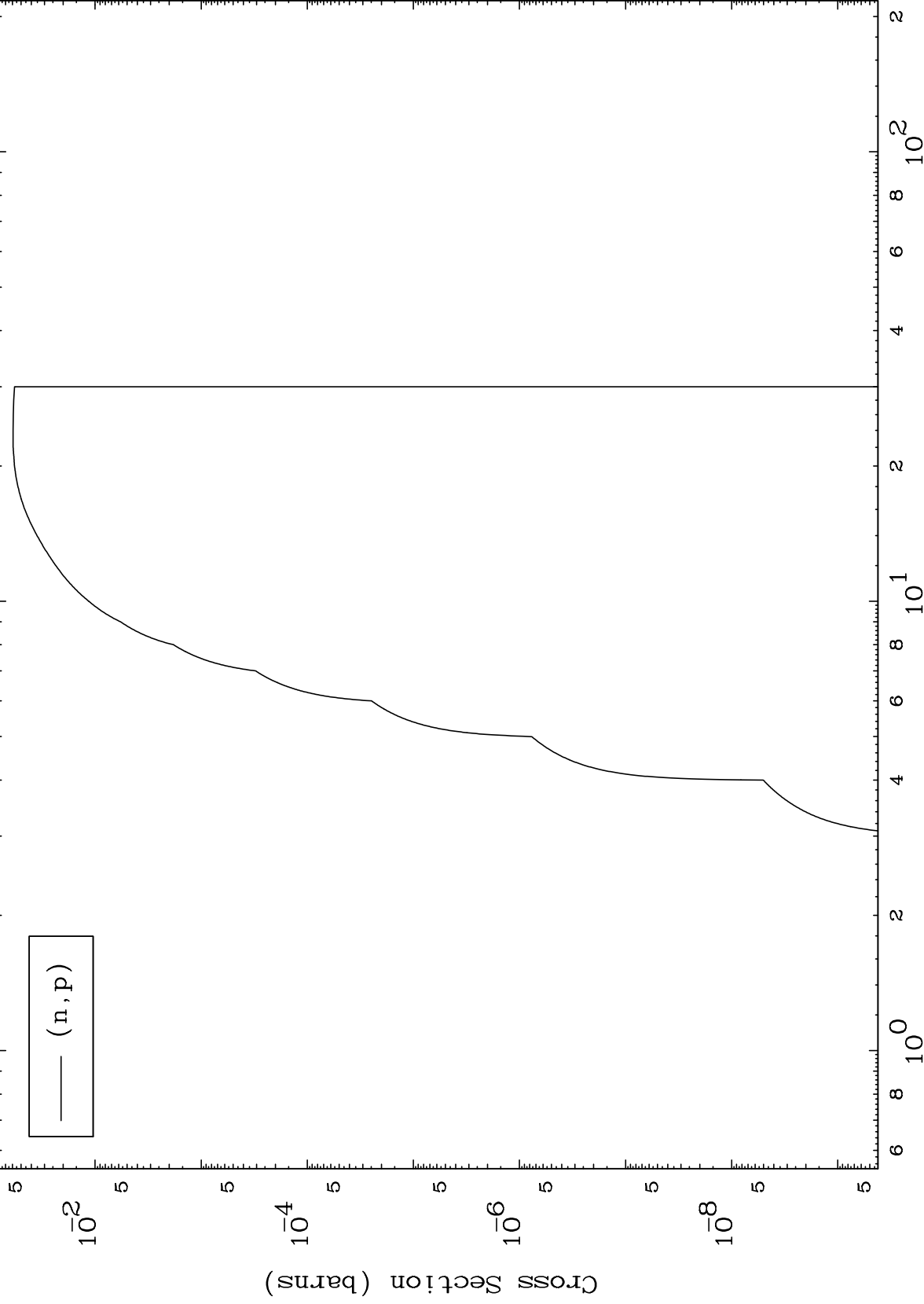




MAT 5467

54-Xe-138

(p,p) Levels
0 Kelvin Cross Sections



7

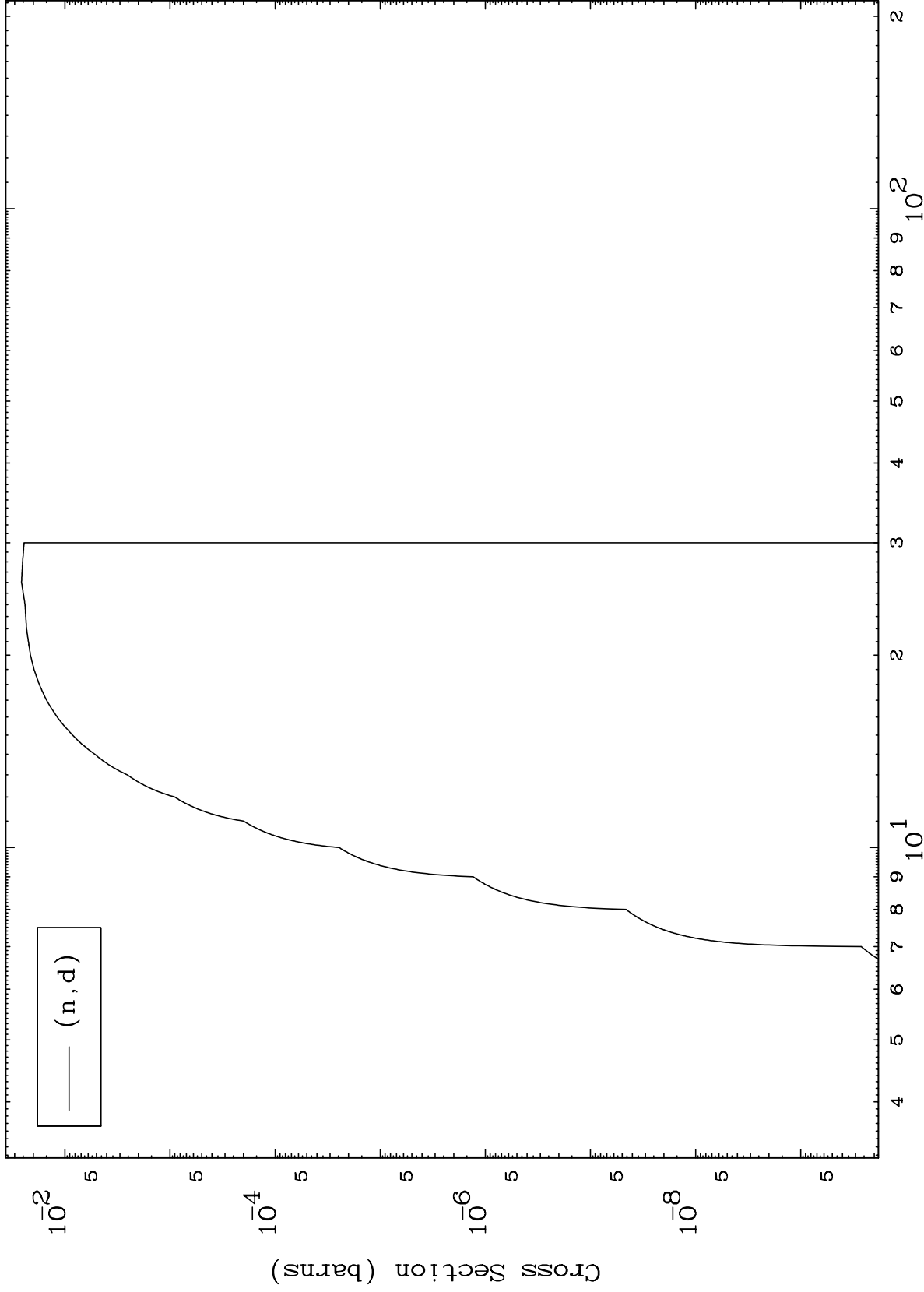
Incident Energy (MeV)

54-Xe-138

MAT 5467

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-138



8

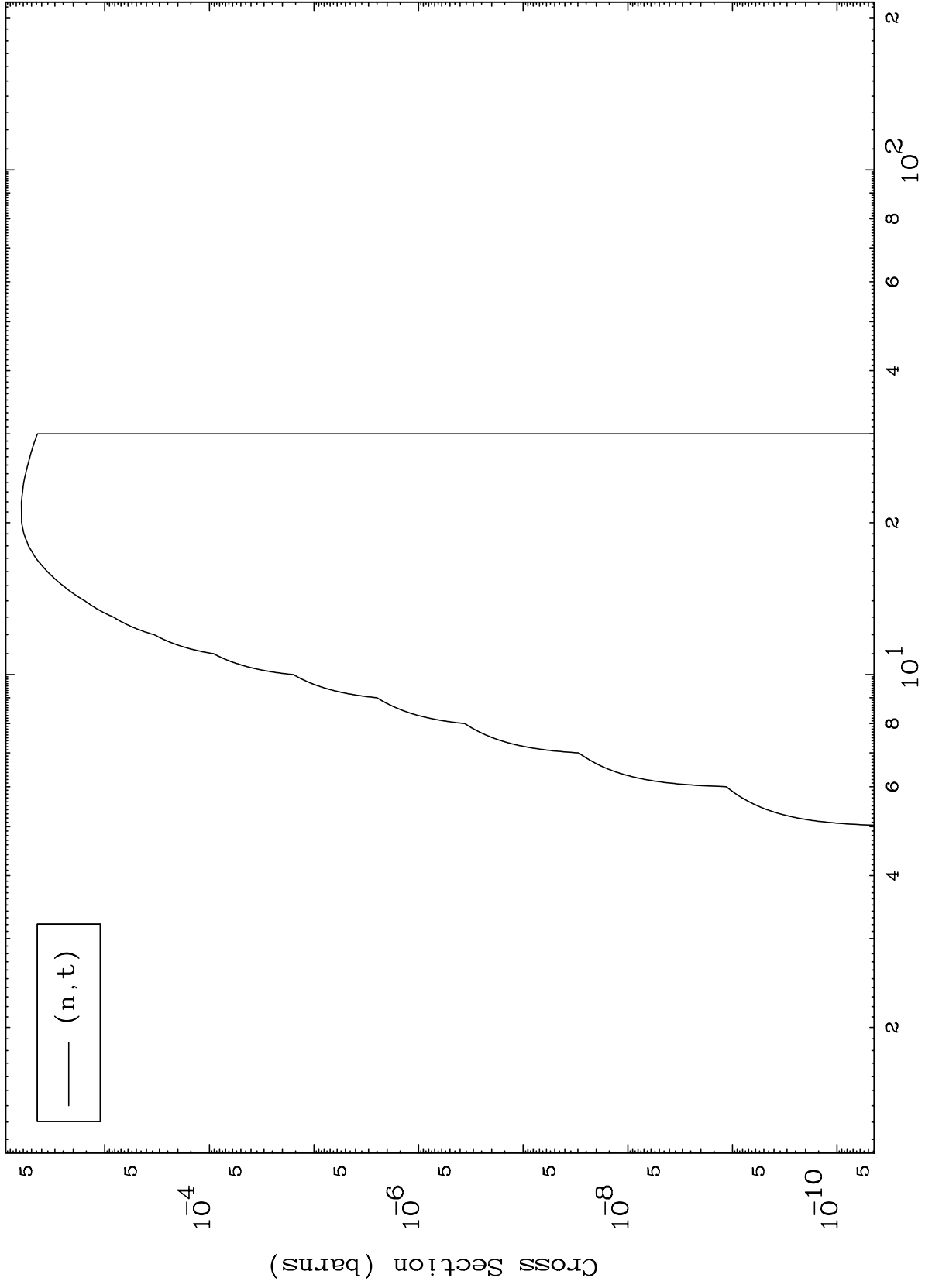
Incident Energy (MeV)

54-Xe-138

MAT 5467

(p, t) Levels
0 Kelvin Cross Sections

54-Xe-138



9

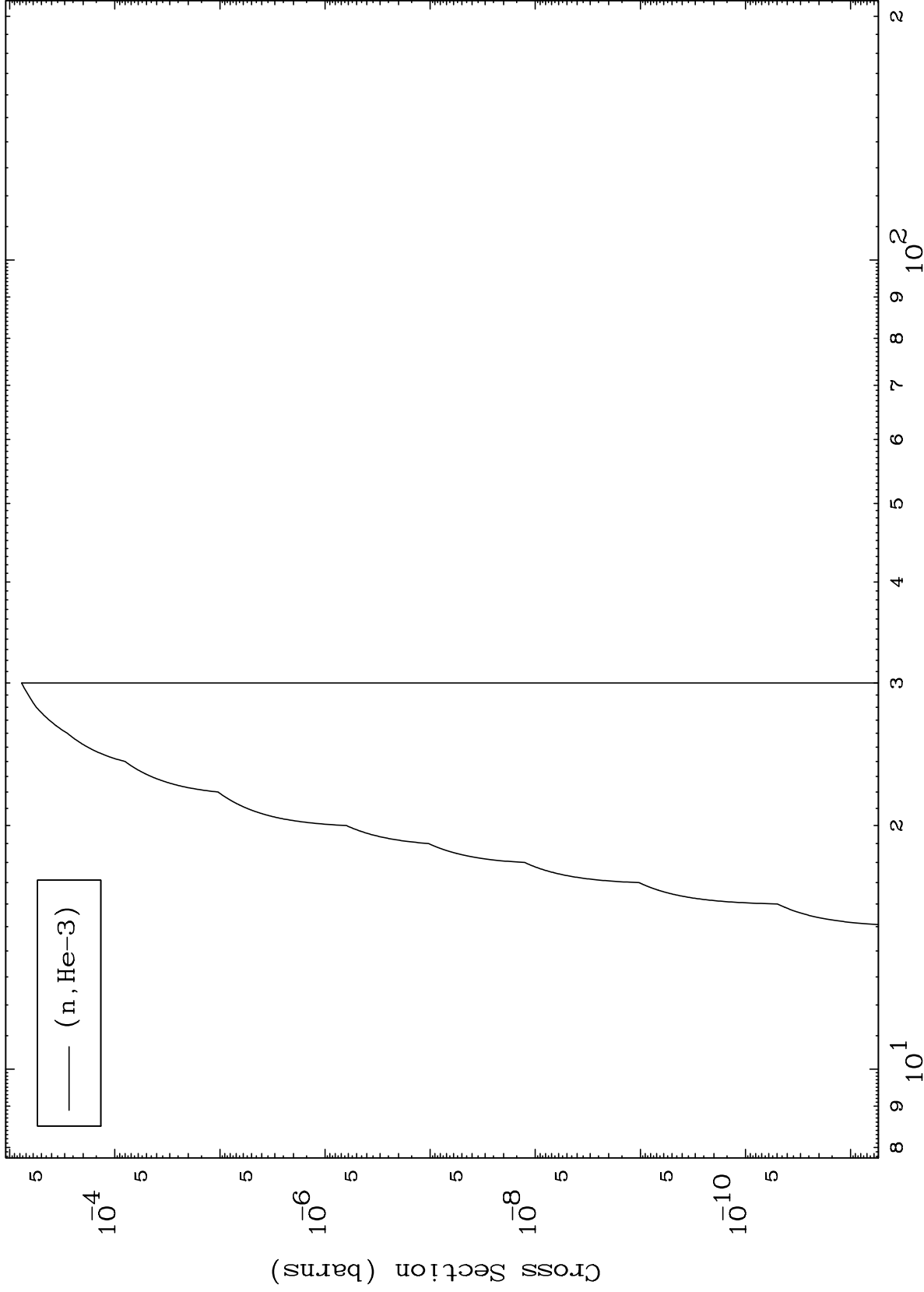
Incident Energy (MeV)

54-Xe-138

MAT 5467

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-138



10

Incident Energy (MeV)

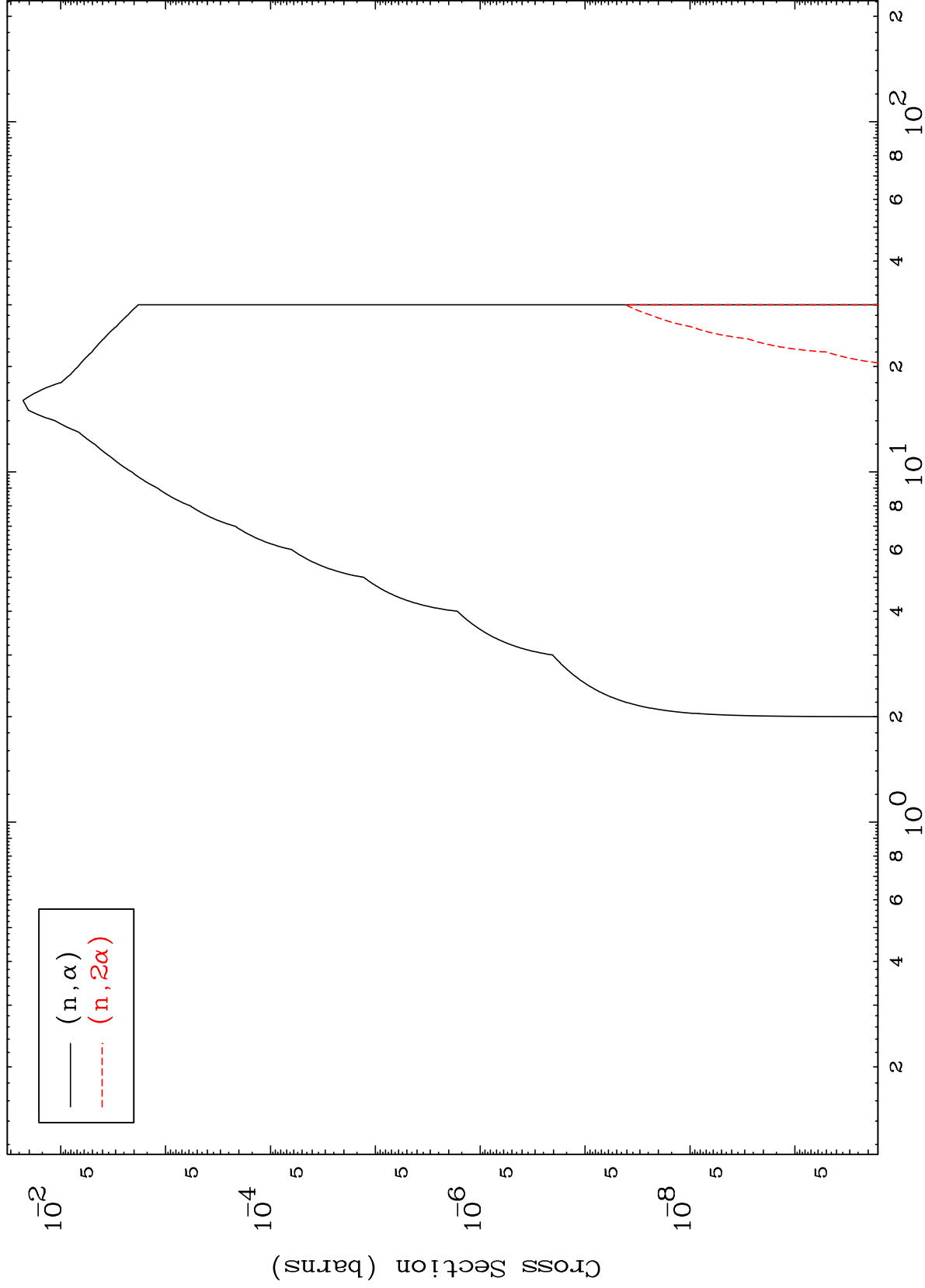
54-Xe-138

MAT 5467

(p, α) Levels

54-Xe-138

0 Kelvin Cross Sections



11

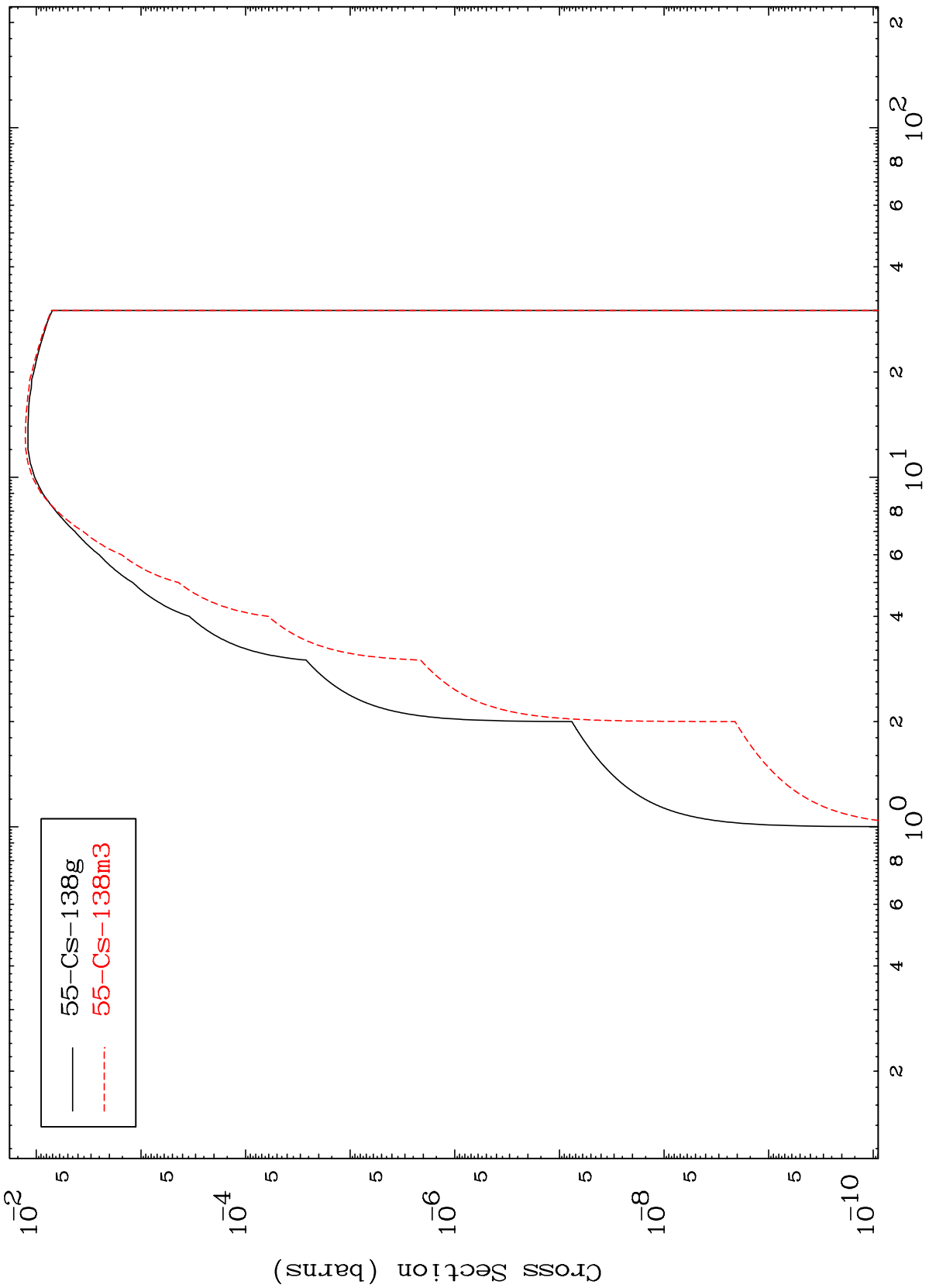
Incident Energy (MeV)

54-Xe-138

MAT 5467

54-Xe-138

Inelastic
Radionuclide Production Cross Section



54-Xe-138

Incident Energy (MeV)

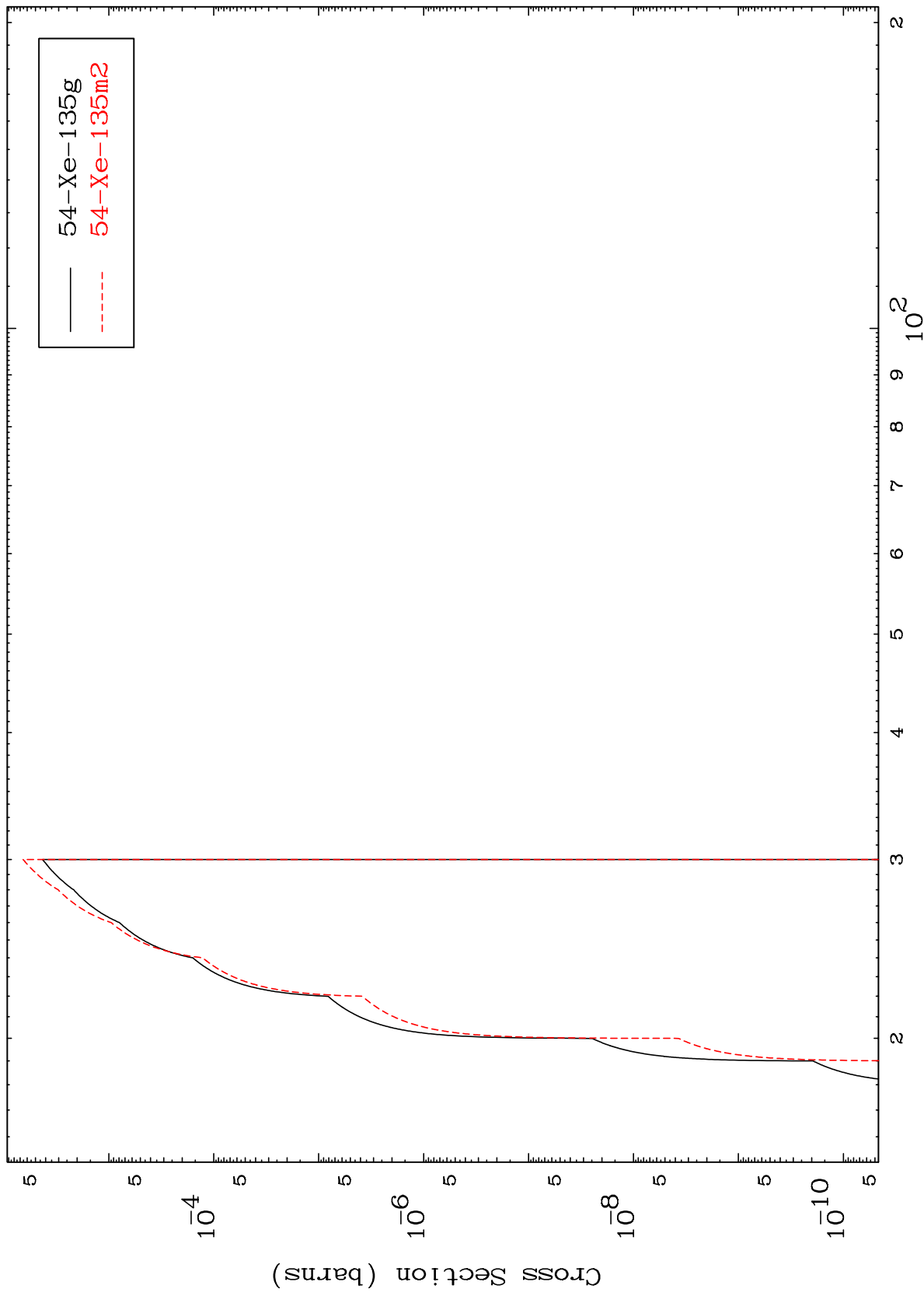
12

MAT 5467

(n,2n) d

54-Xe-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

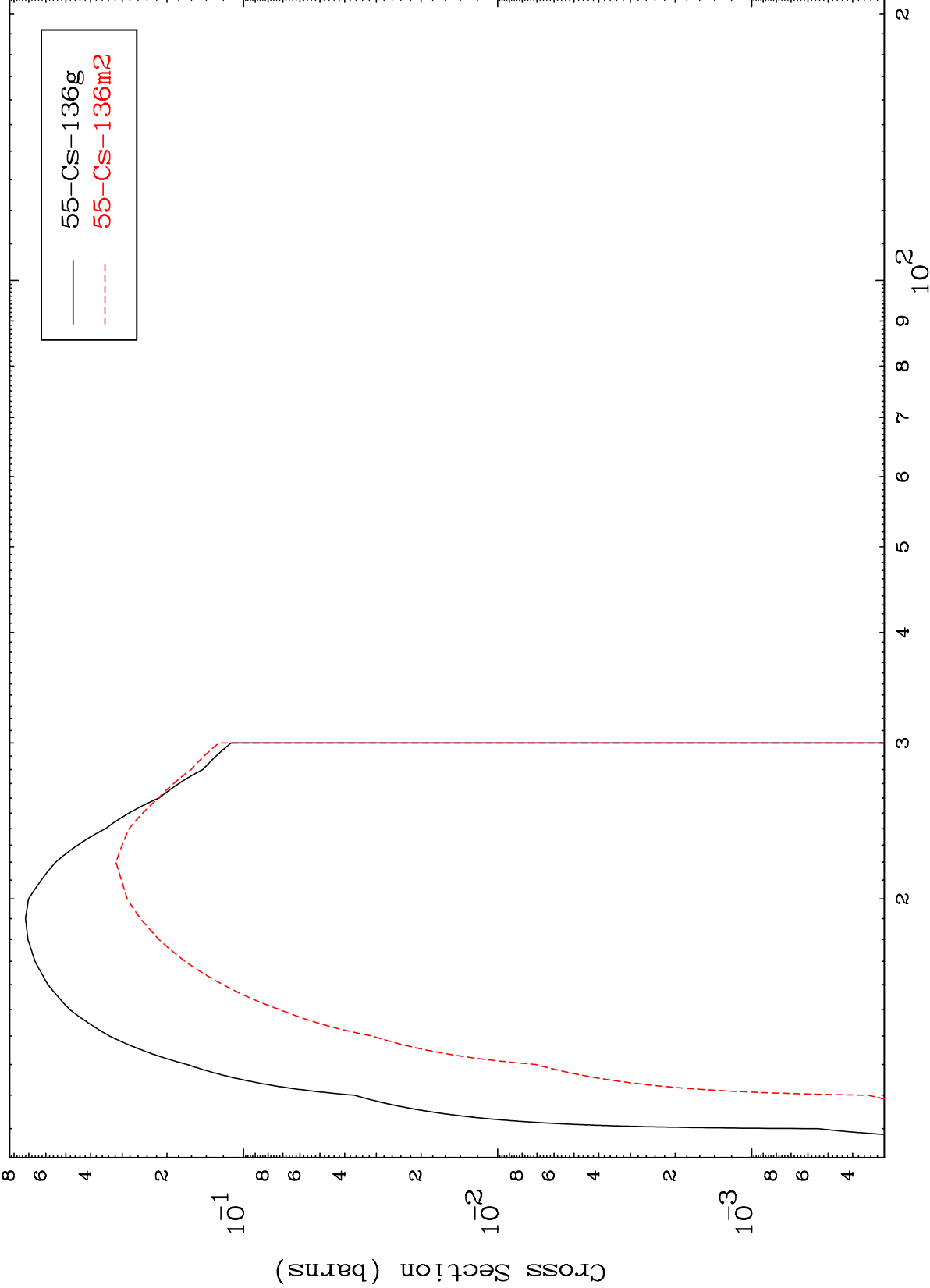
54-Xe-138

MAT 5467

(n,3n)

54-Xe-138

Radionuclide Production Cross Section



14

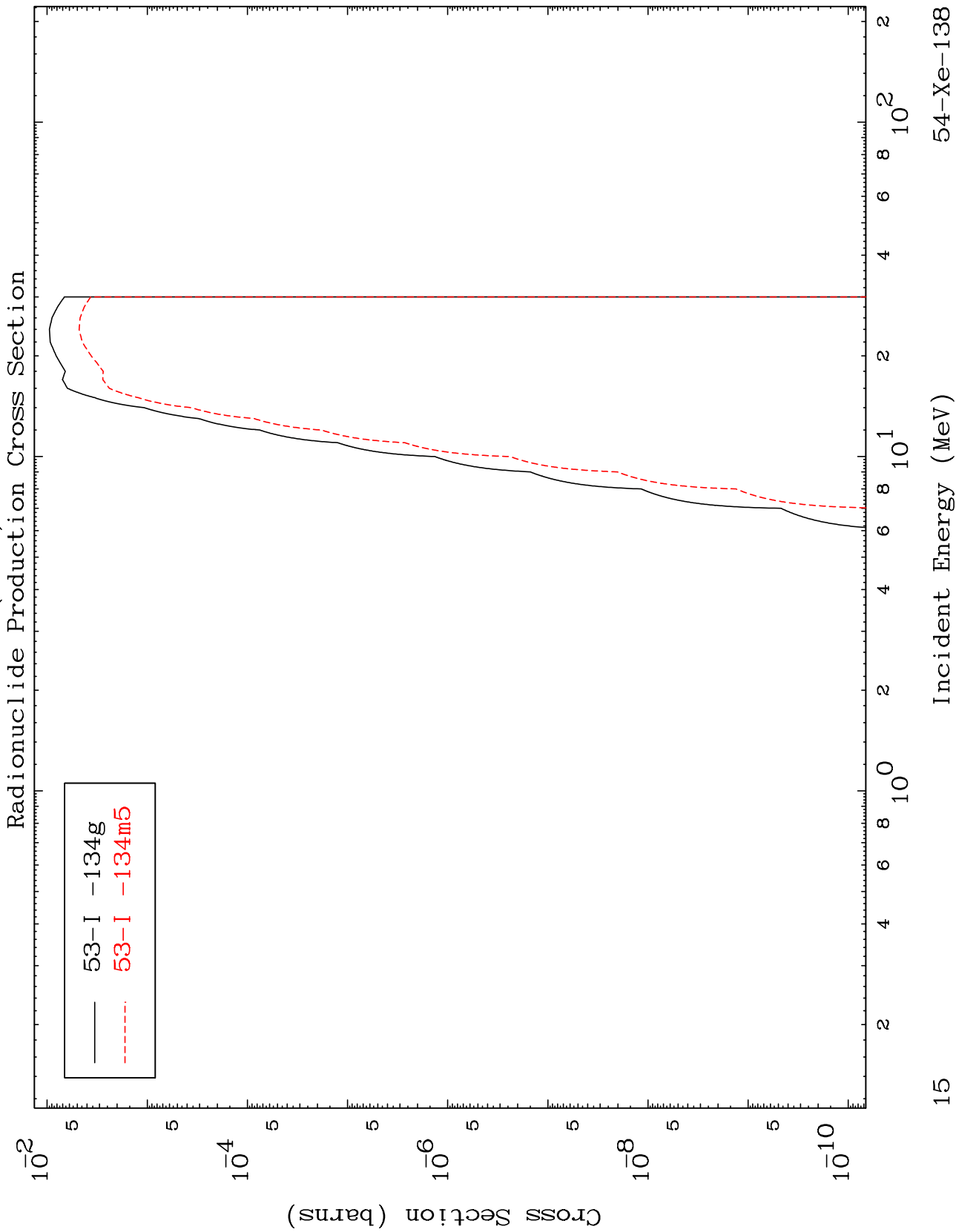
Incident Energy (MeV)

54-Xe-138

MAT 5467

$(n, n') \alpha$

54-Xe-138

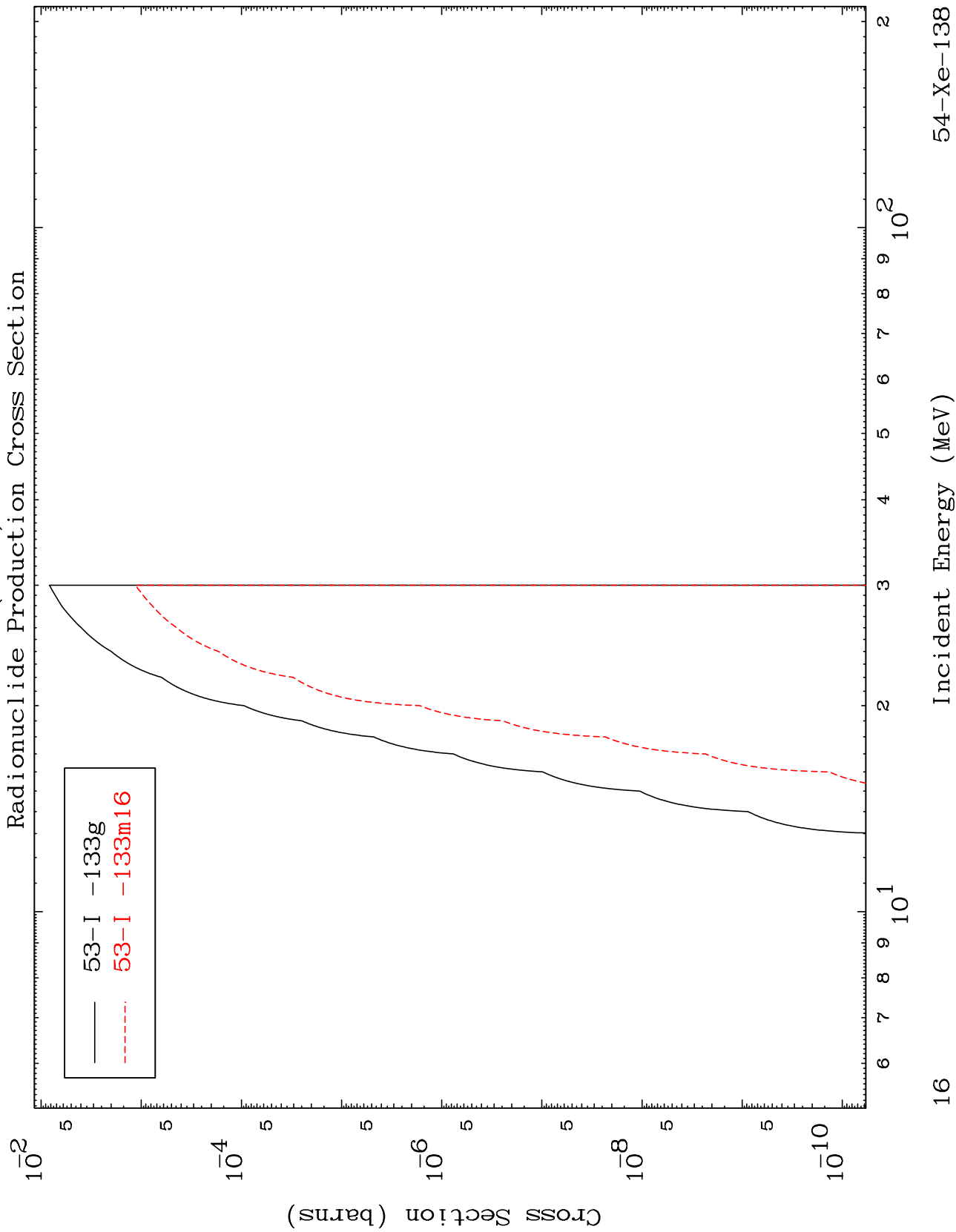


53-I-134g
53-I-134m5

MAT 5467

$(n,2n) \alpha$

54-Xe-138



16

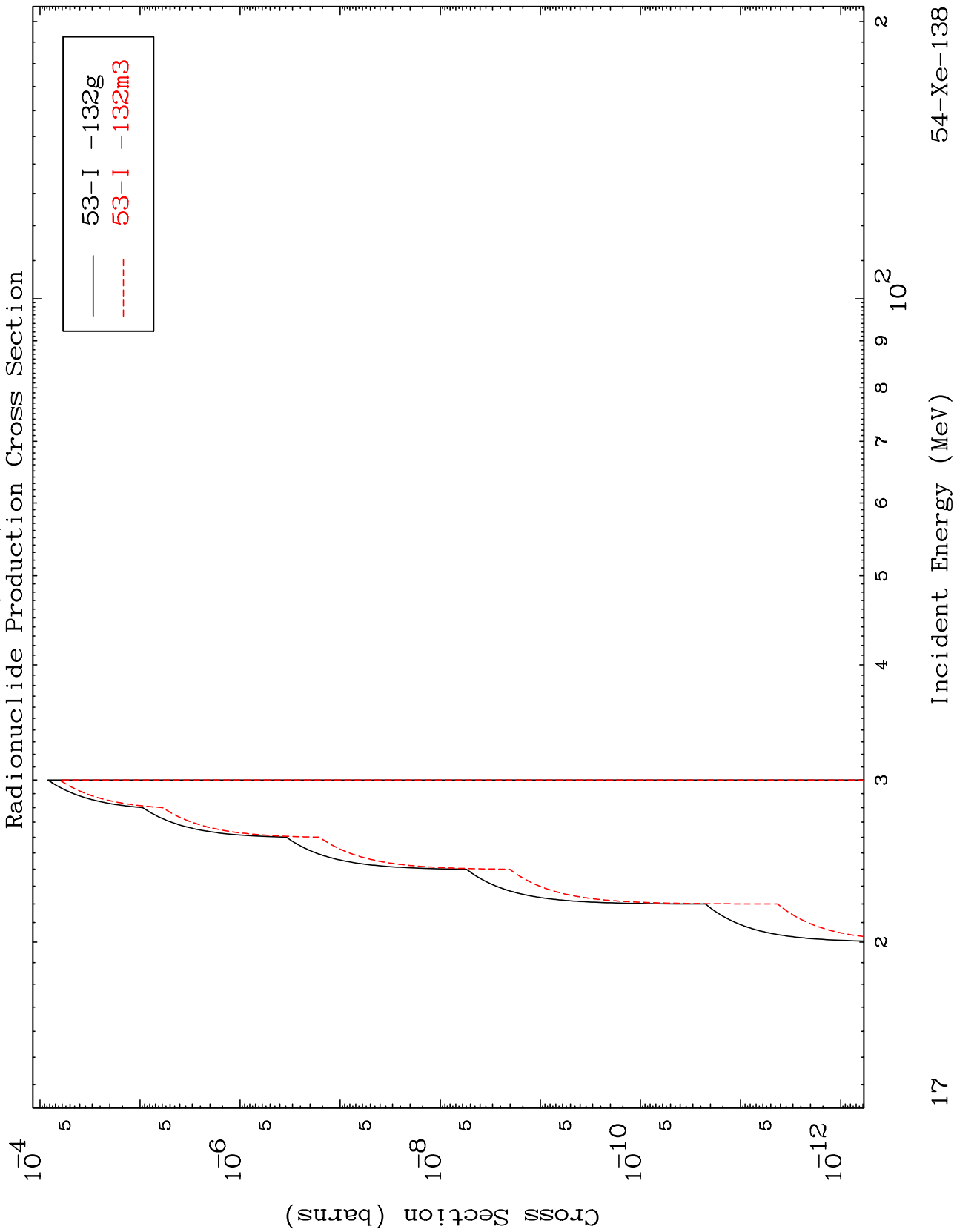
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,3n) α

54-Xe-138



17

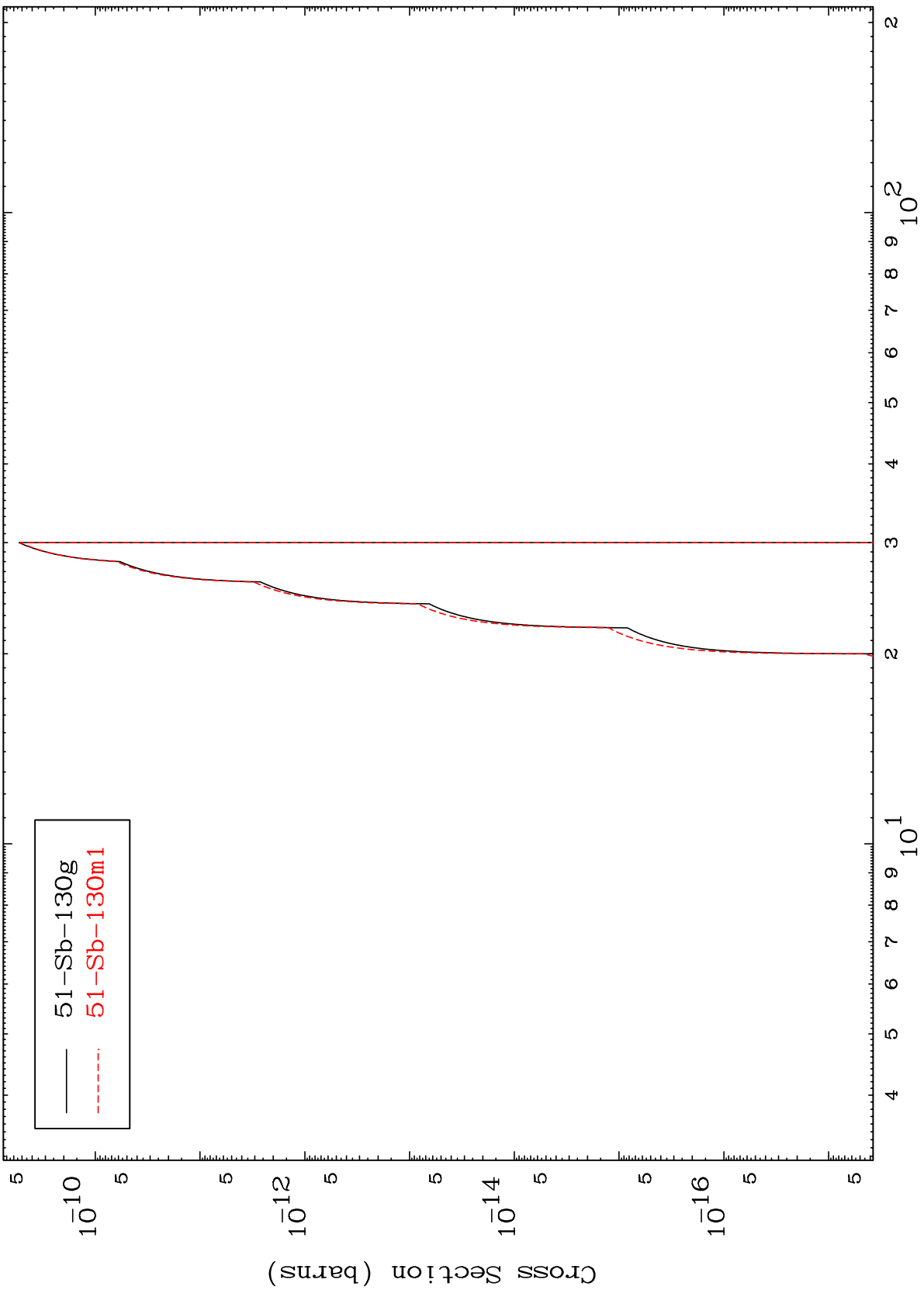
54-Xe-138

MAT 5467

54-Xe-138

(n,n') 2α

Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

18

Incident Energy (MeV)

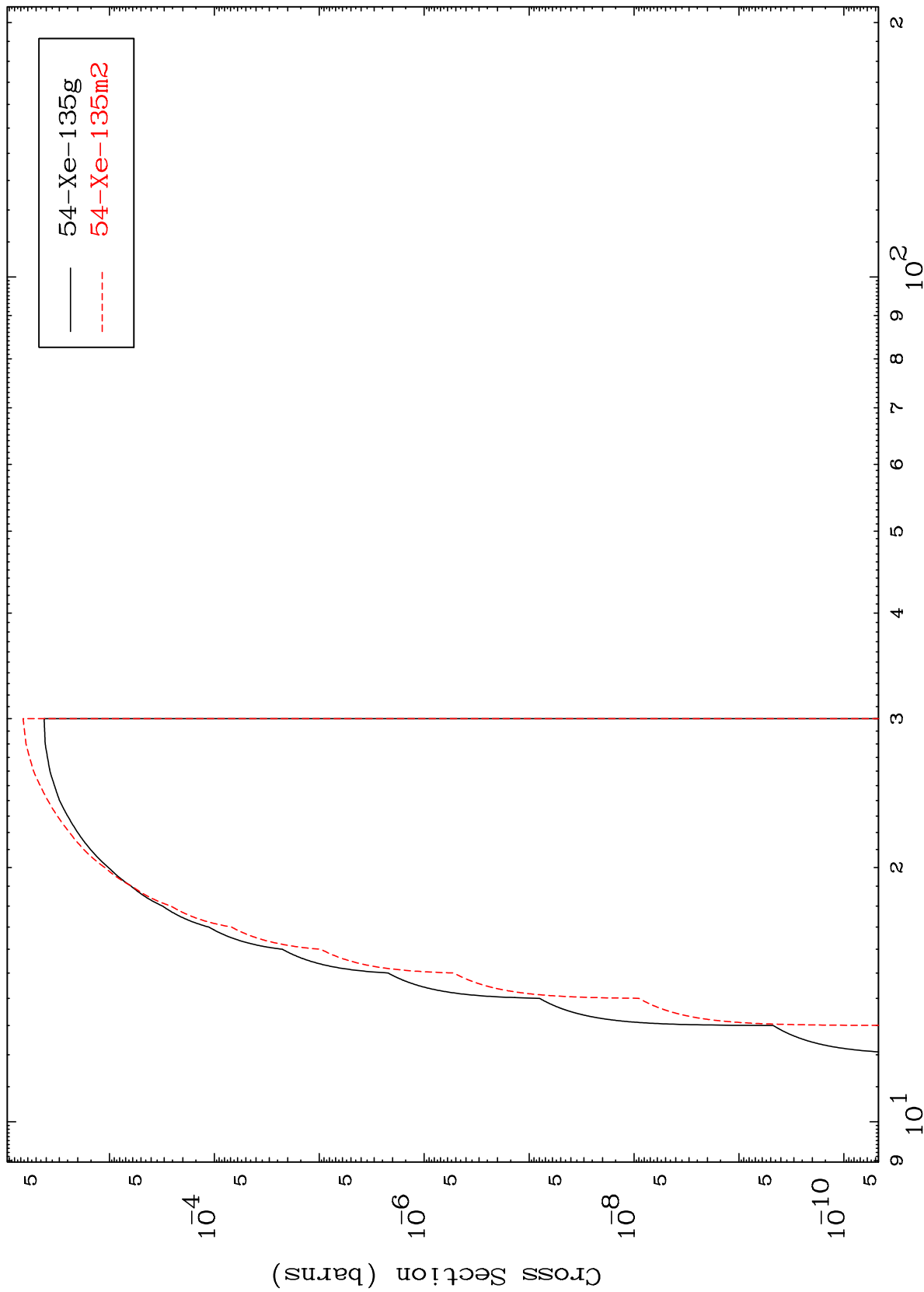
54-Xe-138

MAT 5467

(n,n') t

54-Xe-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

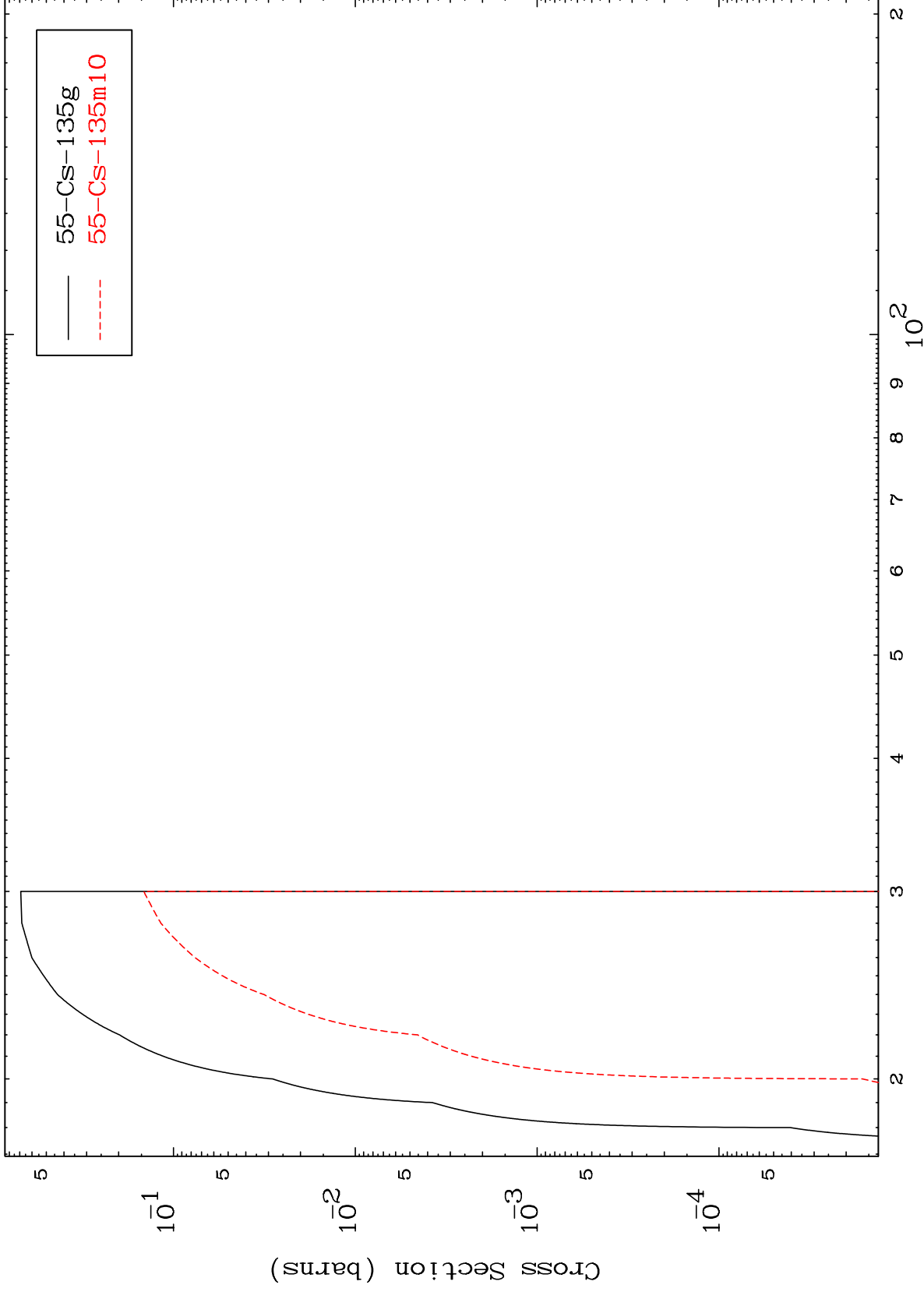
54-Xe-138

MAT 5467

(n,4n)

54-Xe-138

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

20

Incident Energy (MeV)

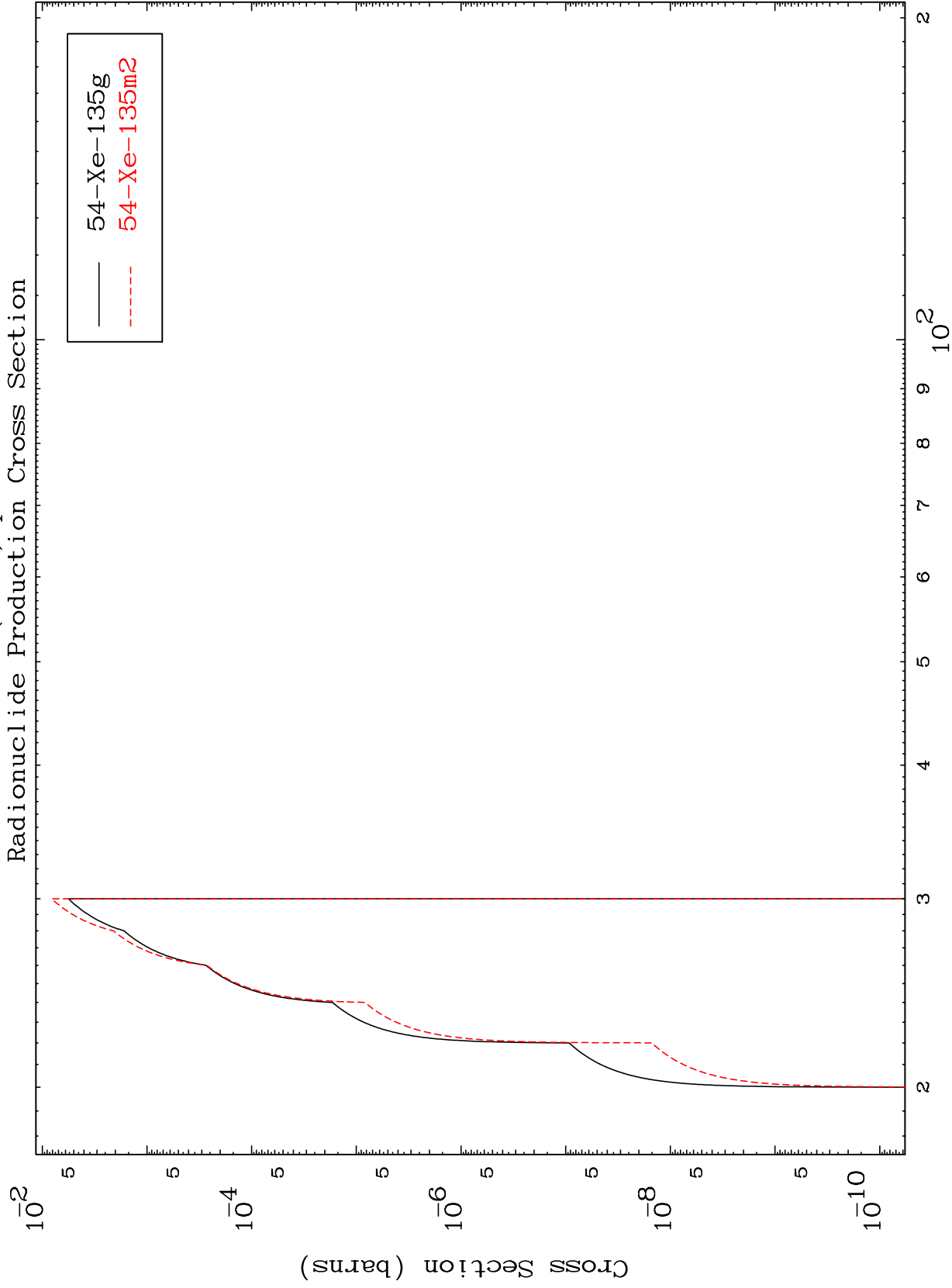
54-Xe-138

MAT 5467

(n,3n) p

54-Xe-138

Radionuclide Production Cross Section



21

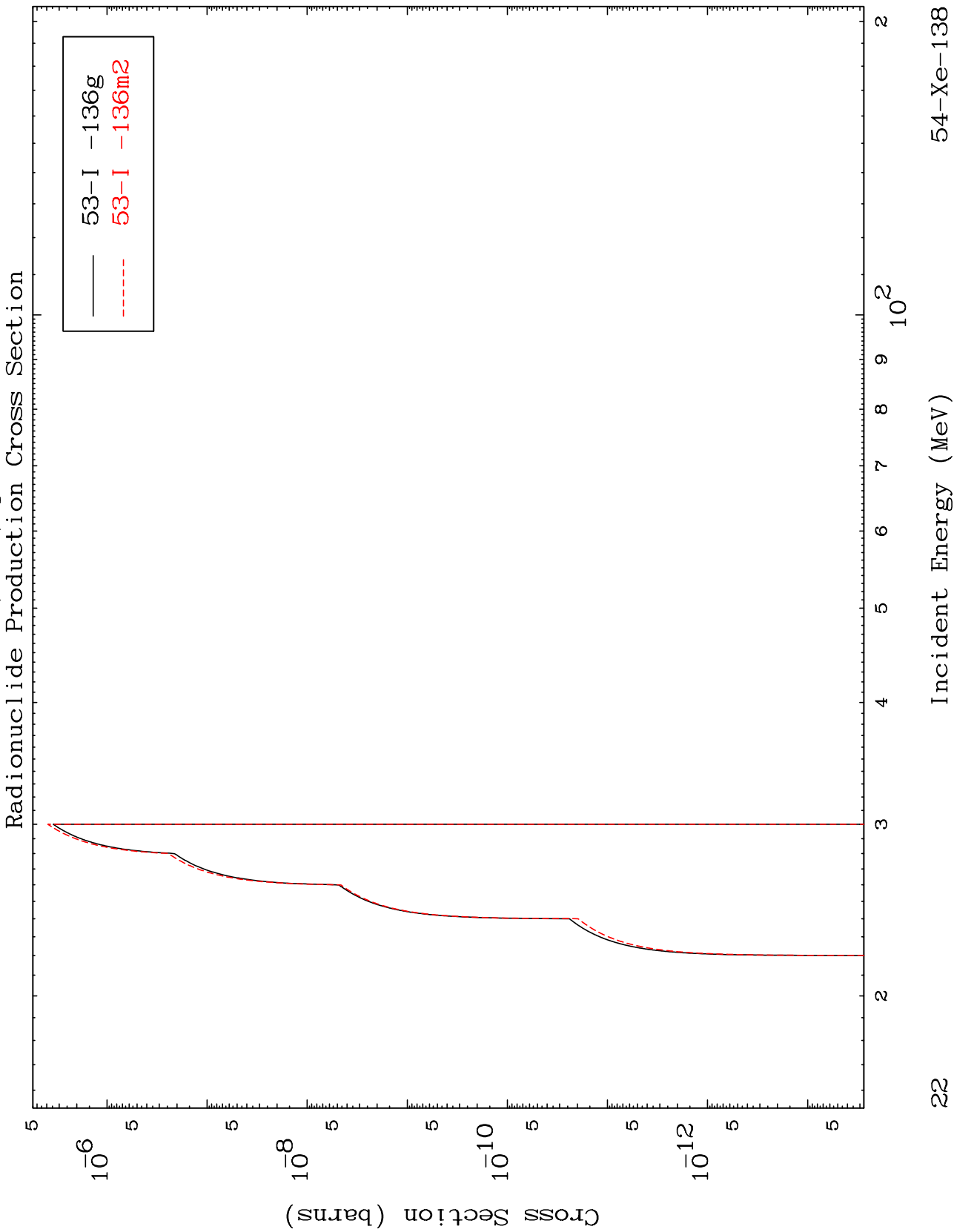
Incident Energy (MeV)

54-Xe-138

MAT 5467

(n,2n) p

54-Xe-138

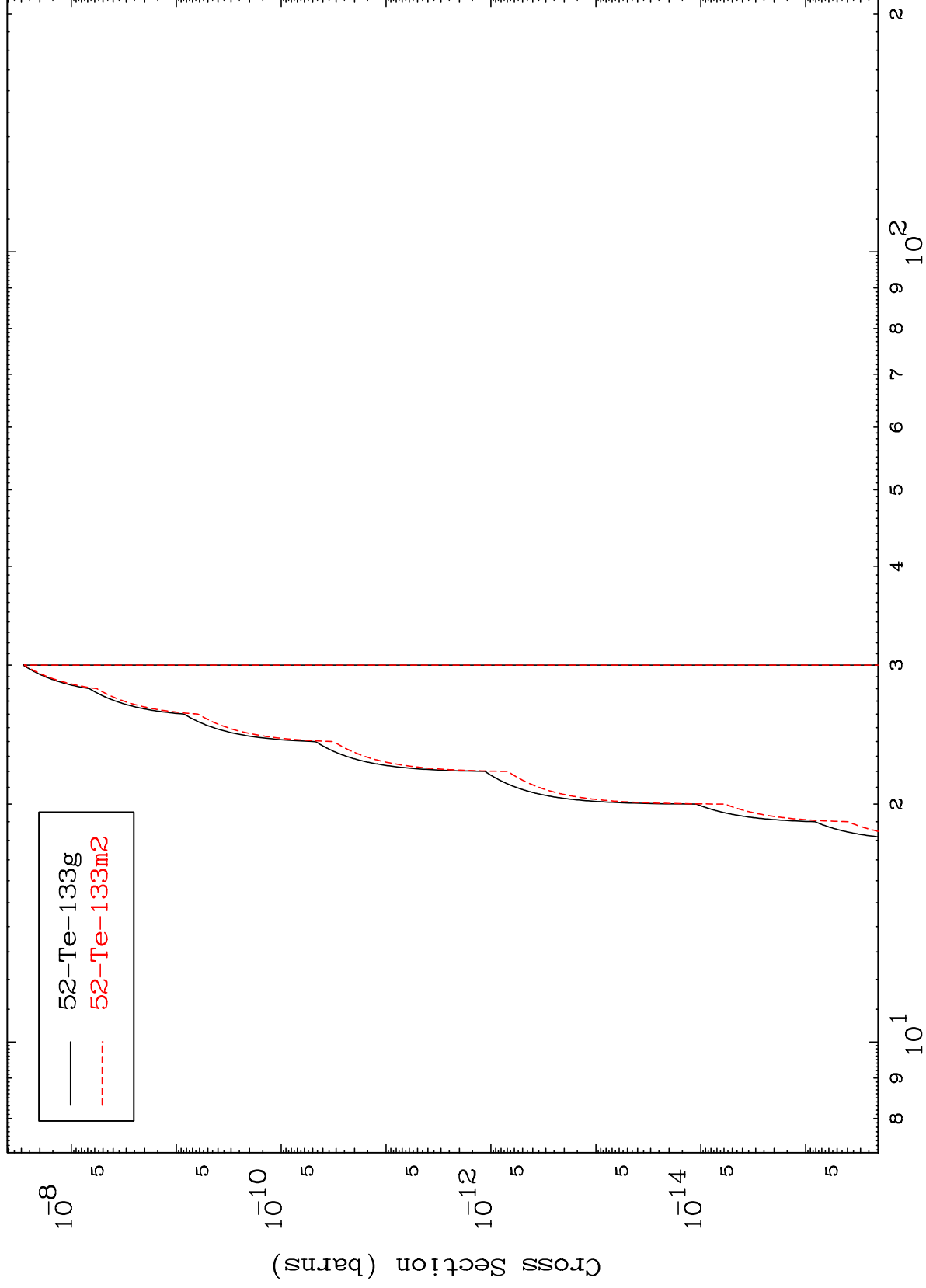


MAT 5467

(n,n') p α

54-Xe-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

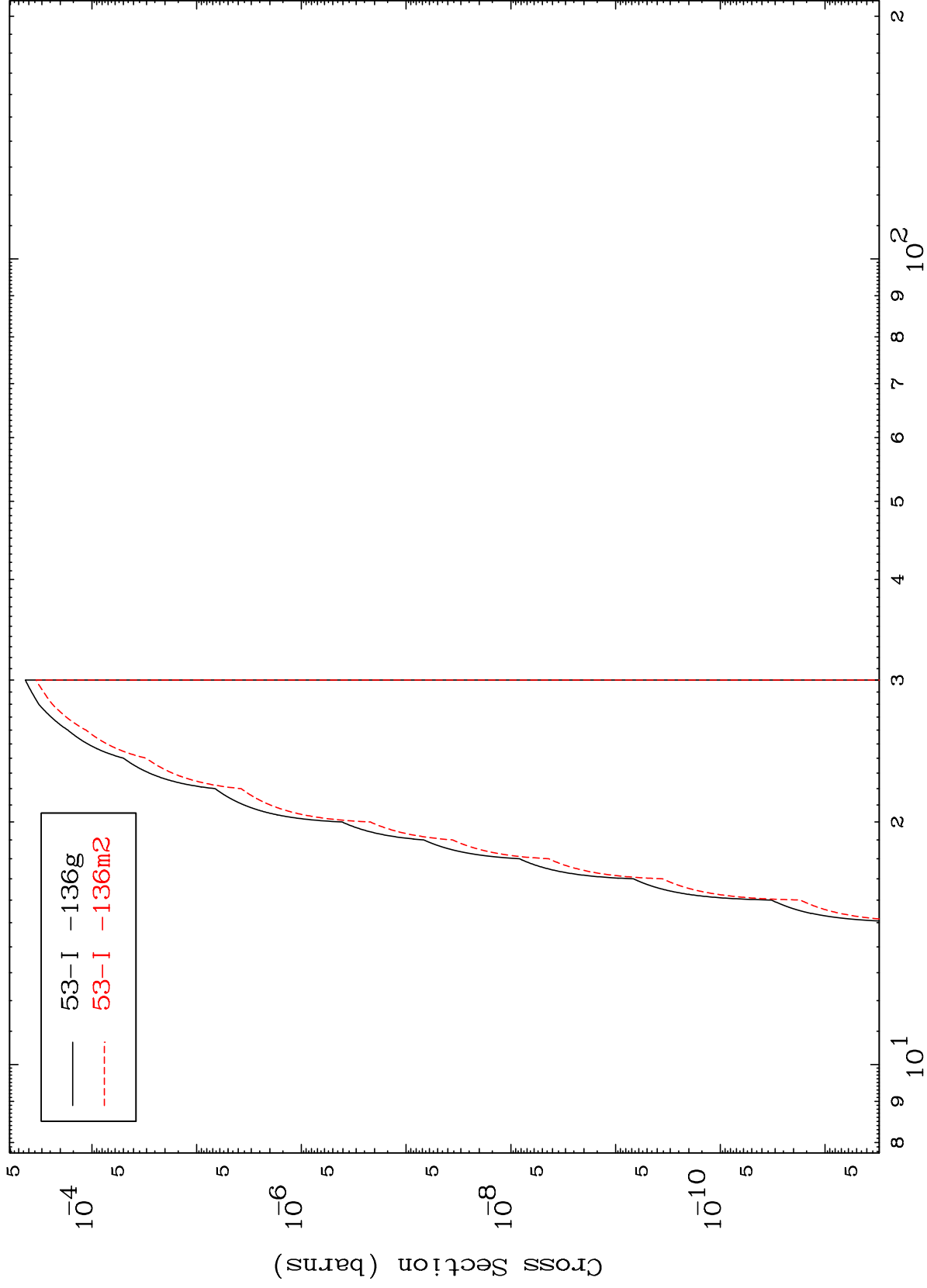
54-Xe-138

MAT 5467

(n,He-3)

54-Xe-138

Radionuclide Production Cross Section



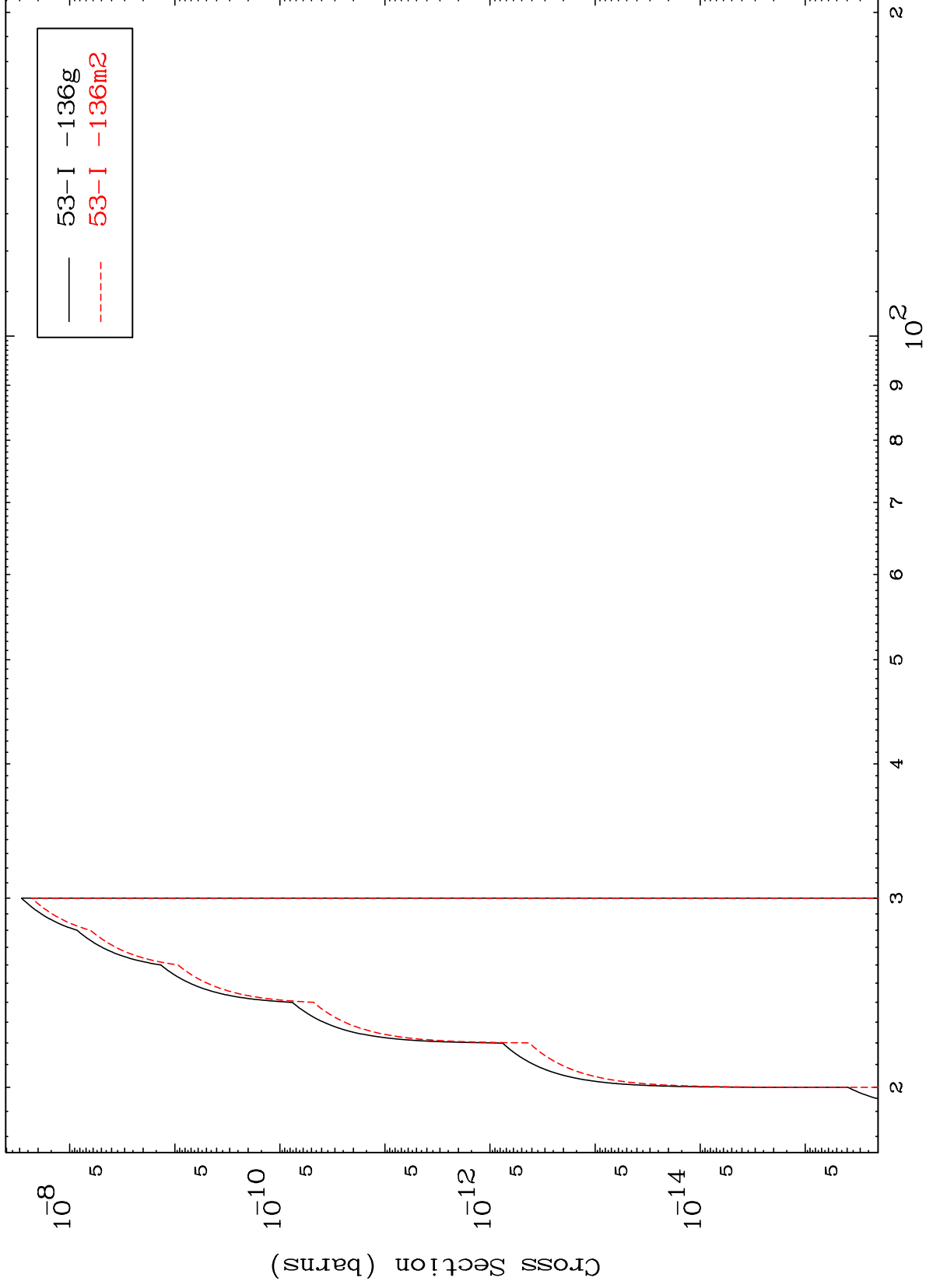
53-I-136g
53-I-136m2

24

Incident Energy (MeV)

54-Xe-138

Radionuclide Production Cross Section

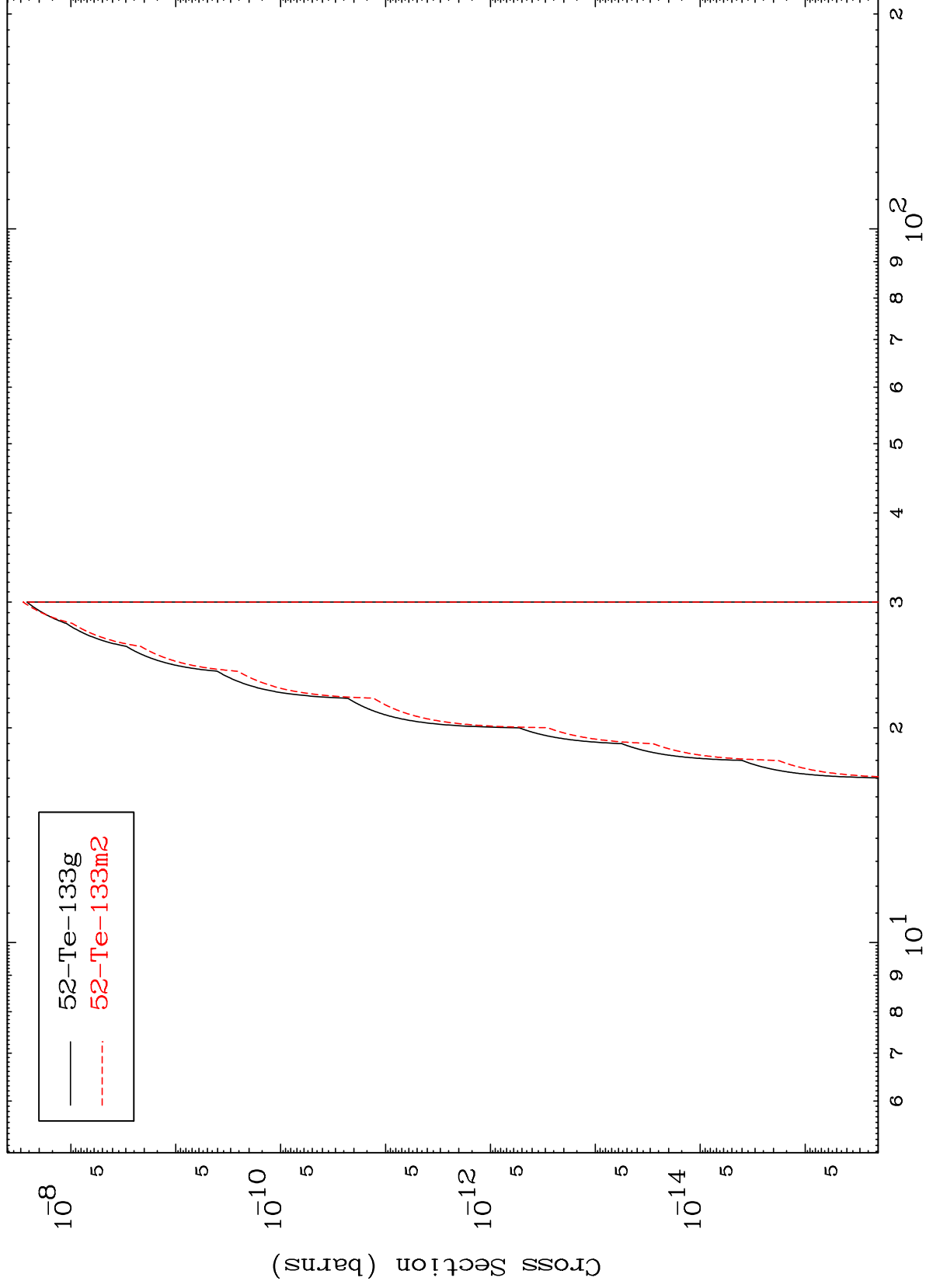


MAT 5467

(n,d) α

54-Xe-138

Radionuclide Production Cross Section



26

Incident Energy (MeV)

54-Xe-138