

Program EVALPLOT
(Version 2021-1)

by

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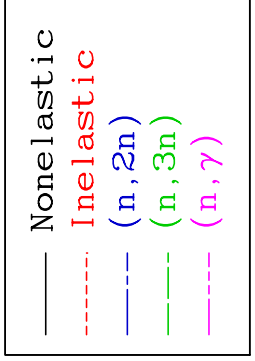
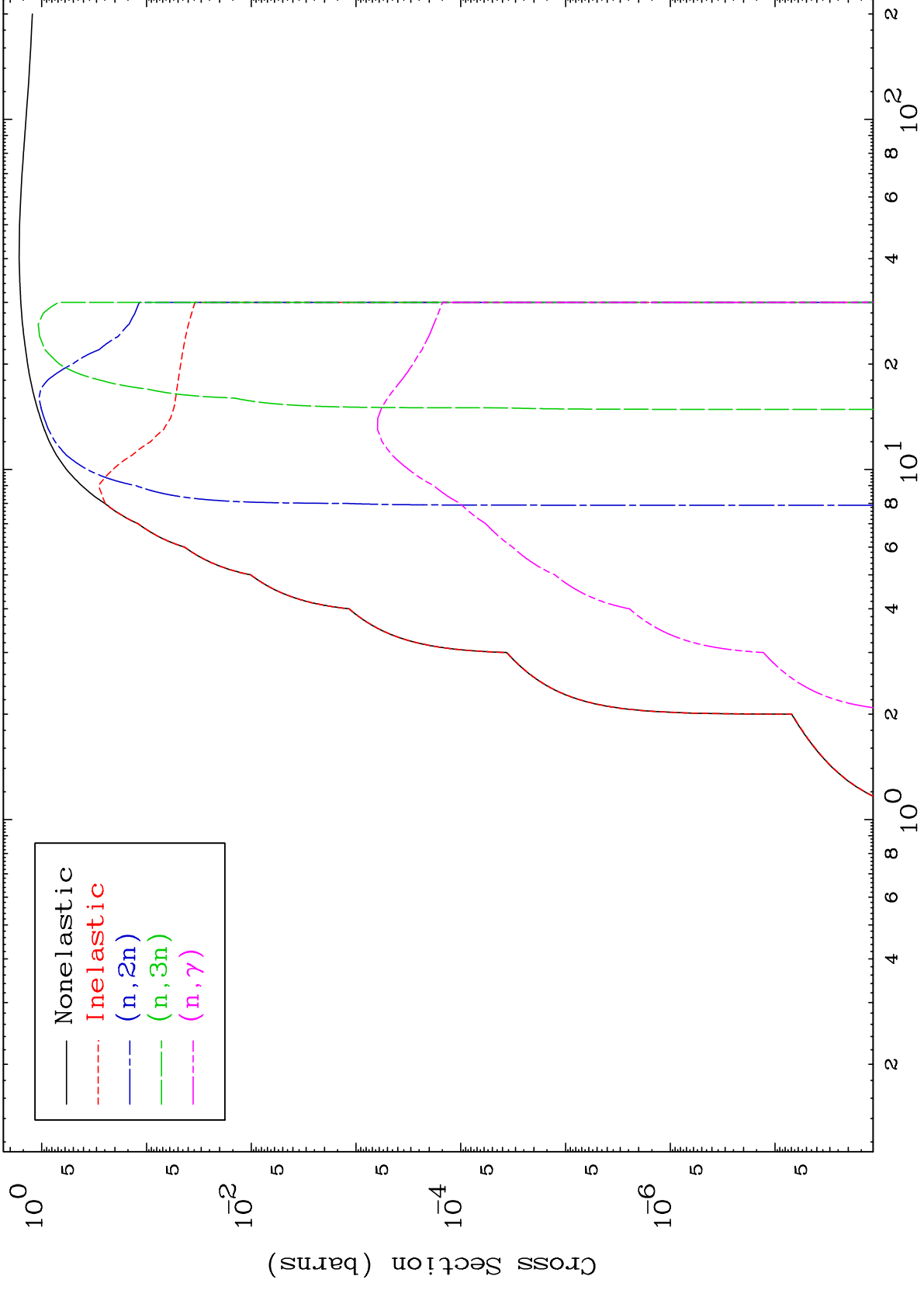
Press Mouse Button to Start

MAT 5459

Proton Major

54-Xe-135m

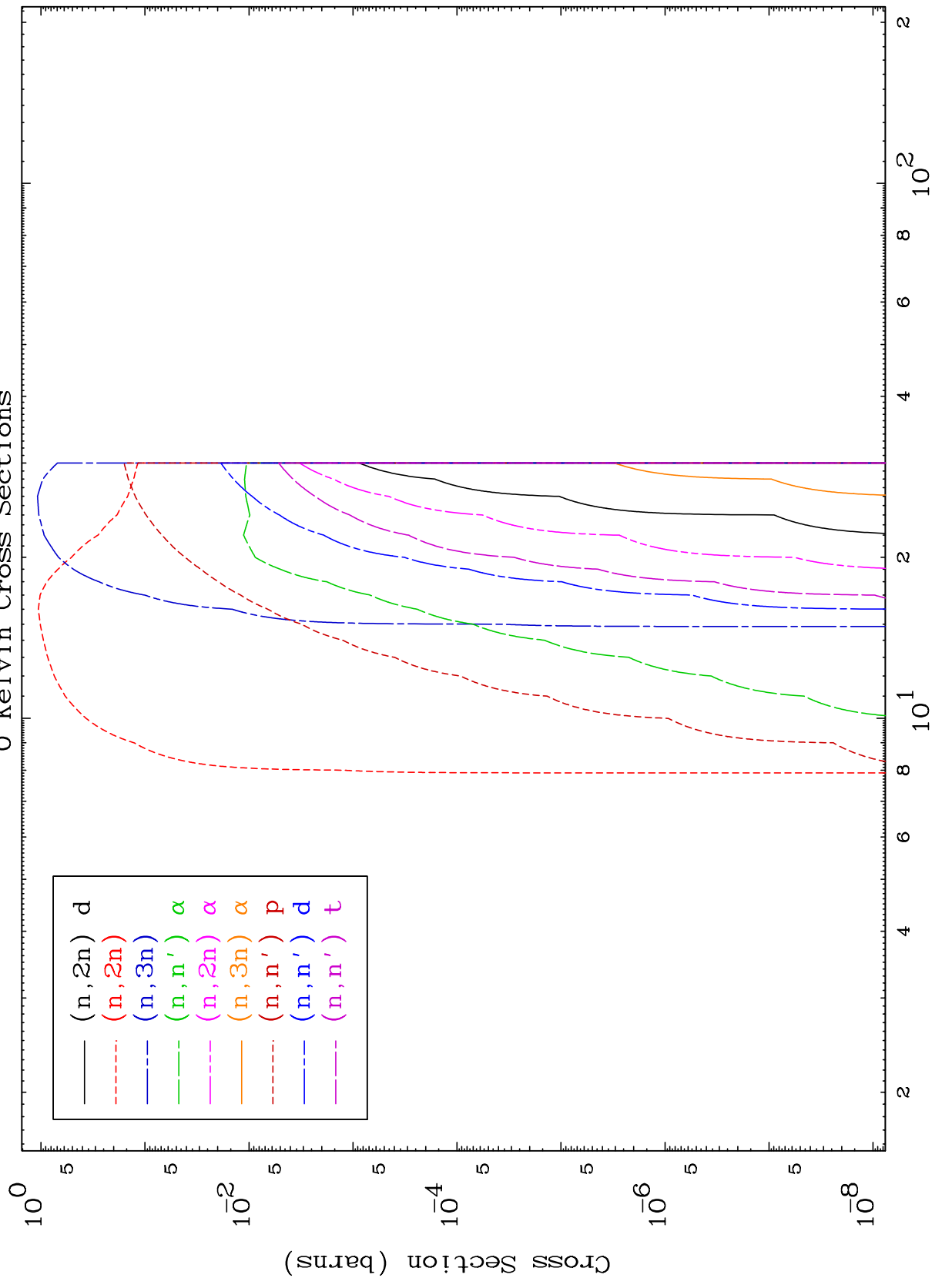
0 Kelvin Cross Sections



MAT 5459

Proton Neutron Absorption
0 Kelvin Cross Sections

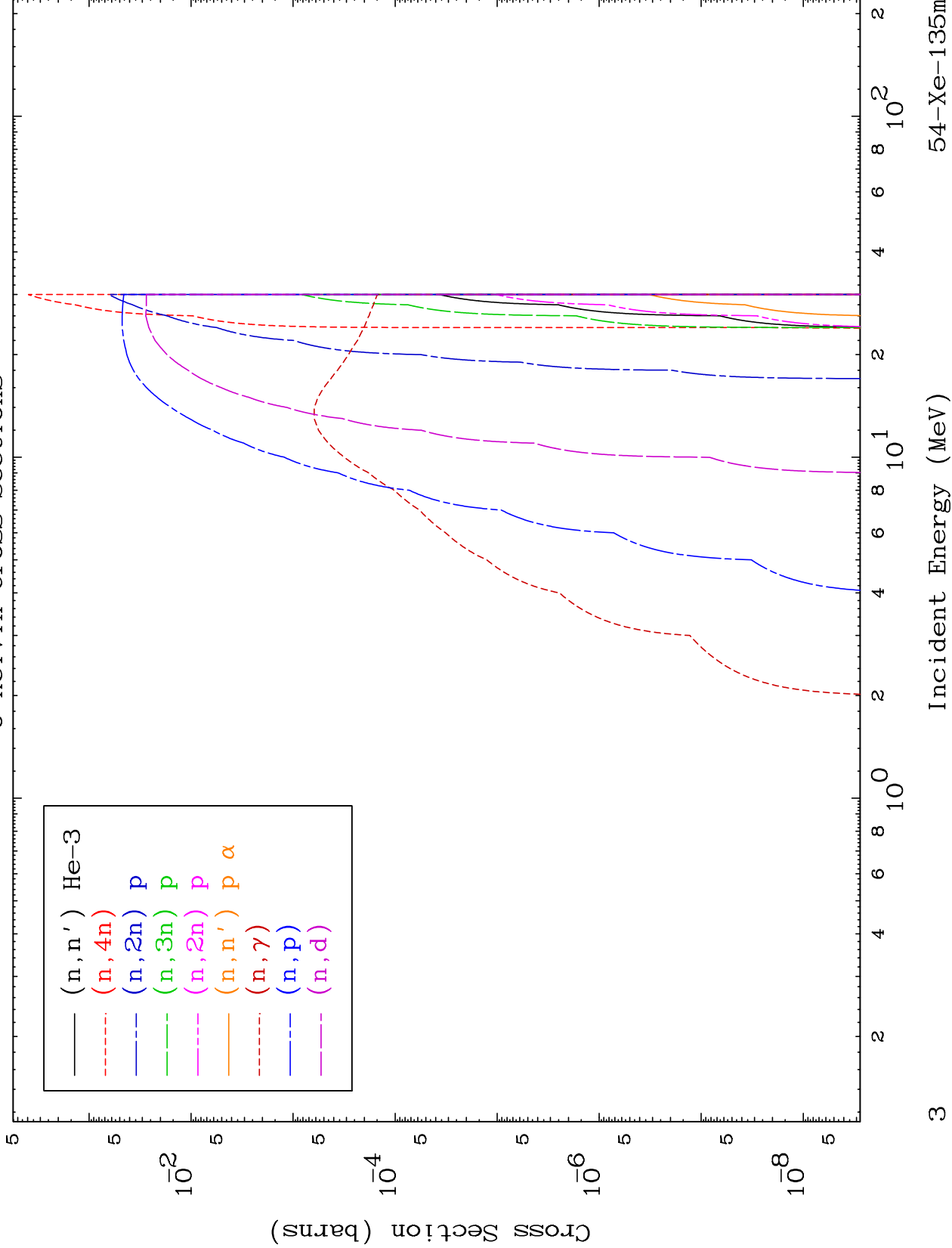
54-Xe-135m



2

Incident Energy (MeV)

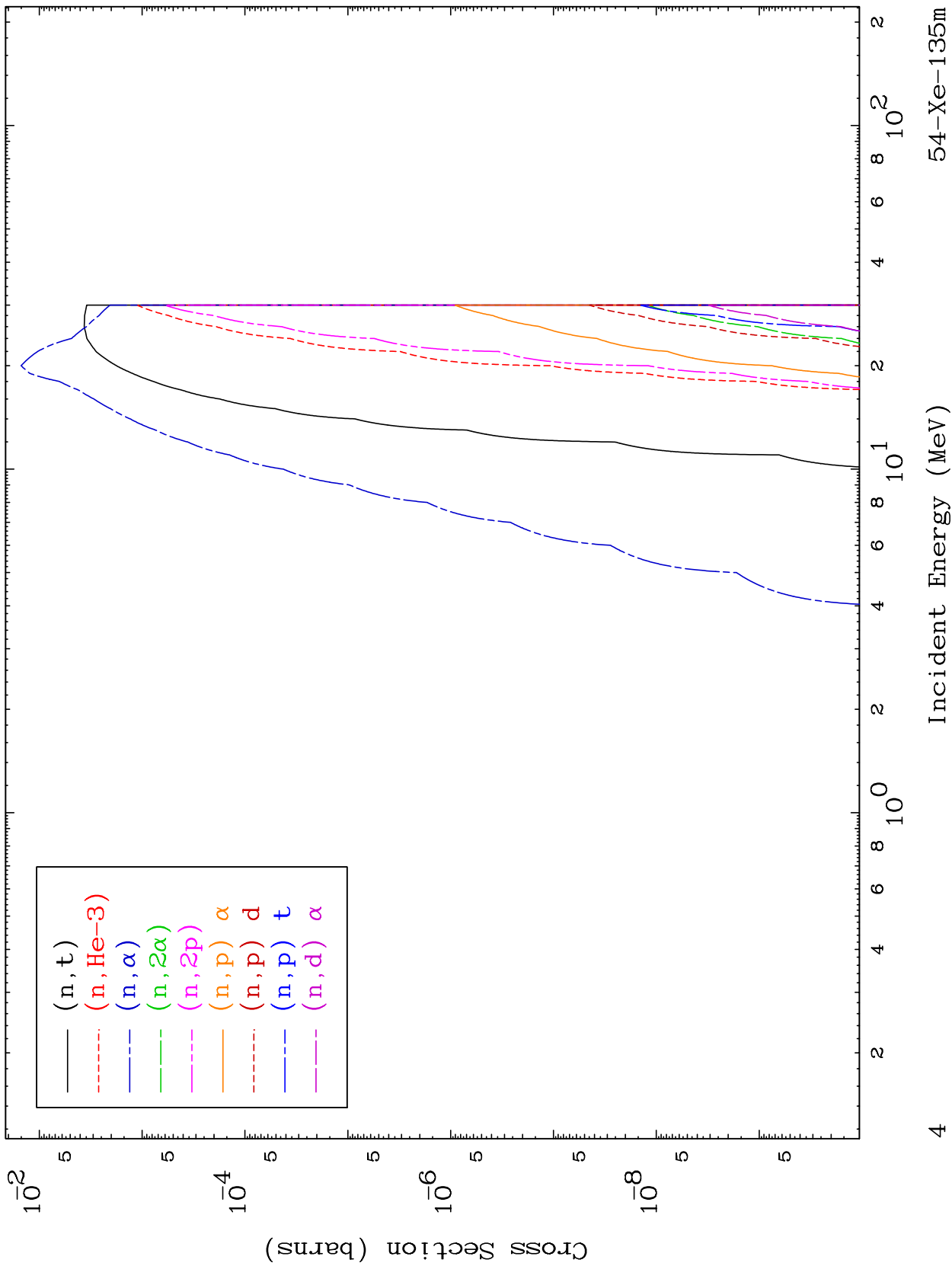
54-Xe-135m



MAT 5459

Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-135m

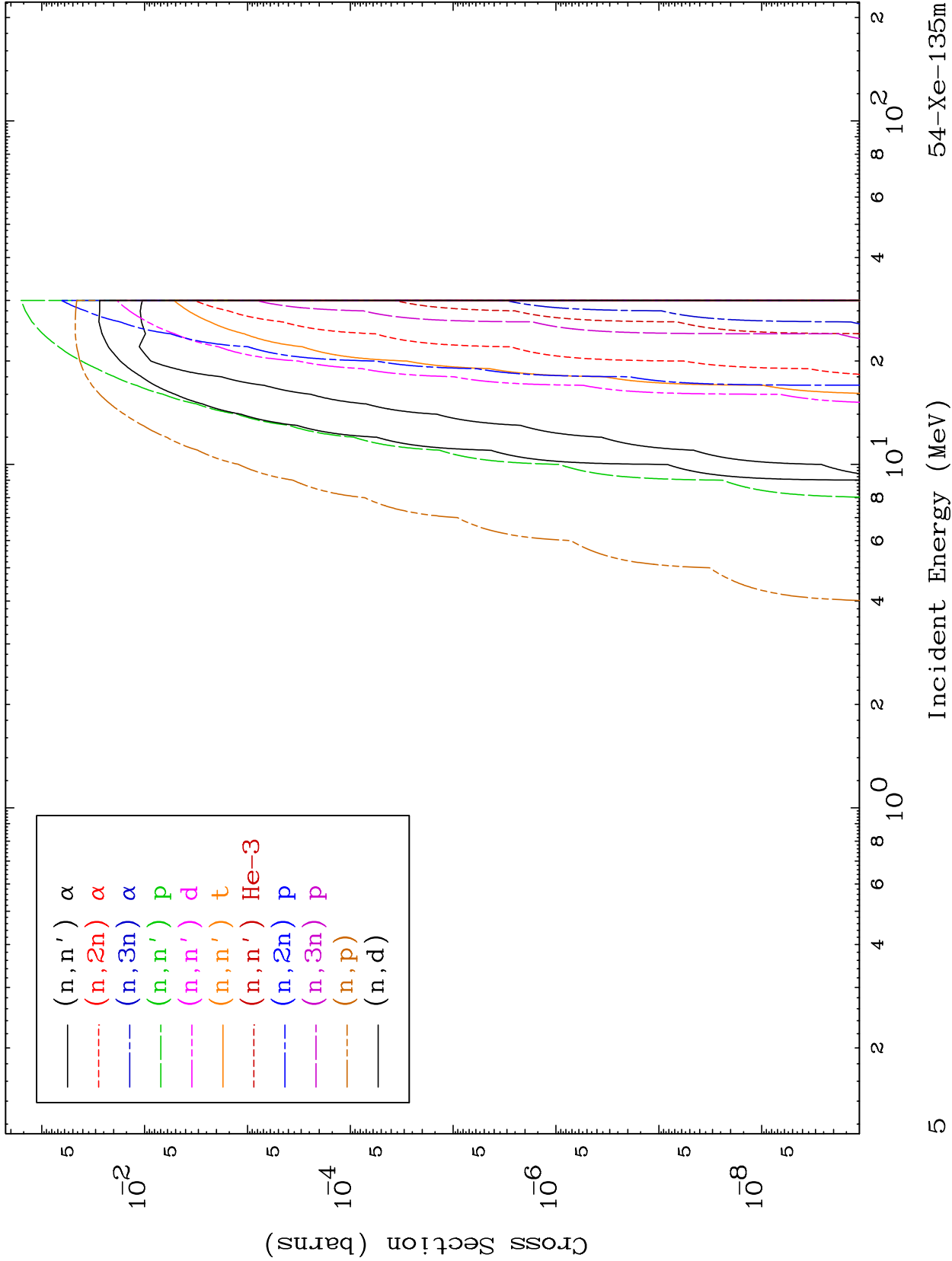


54-Xe-135m

MAT 5459

Proton Charged Particle
0 Kelvin Cross Sections

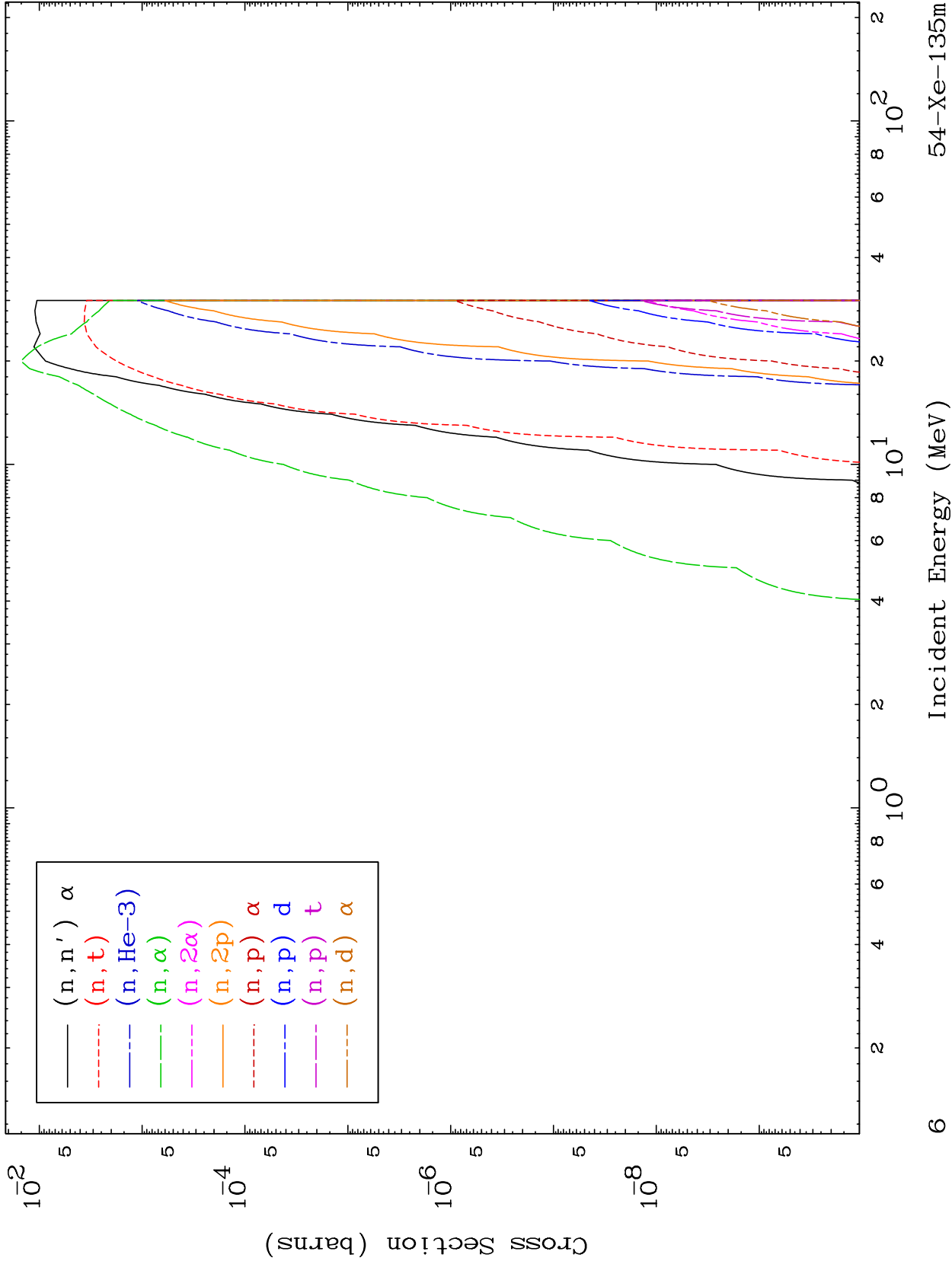
54-Xe-135m



MAT 5459

Proton Charged Particle
0 Kelvin Cross Sections

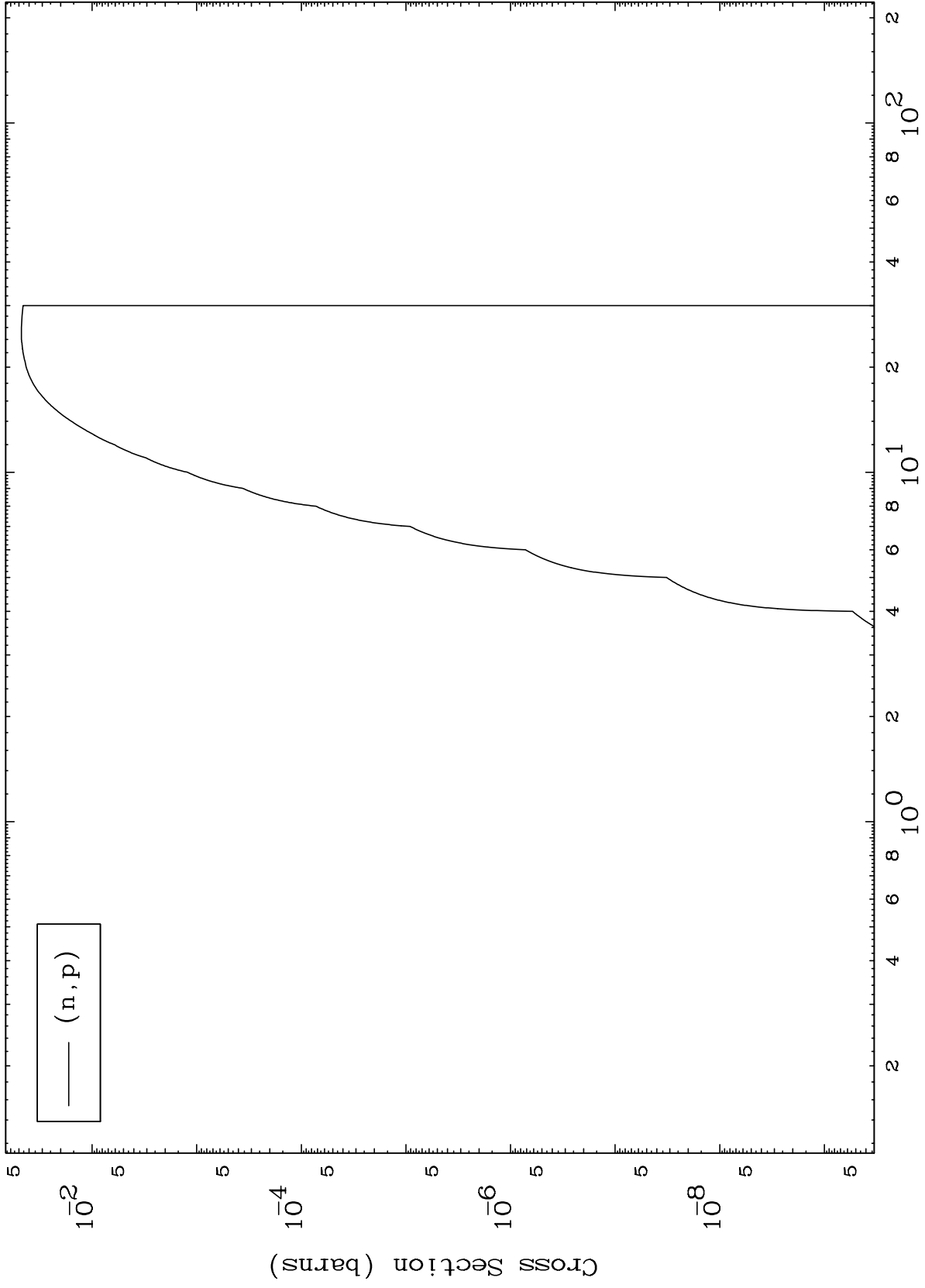
54-Xe-135m



MAT 5459

(p,p) Levels
0 Kelvin Cross Sections

54-Xe-135m



7

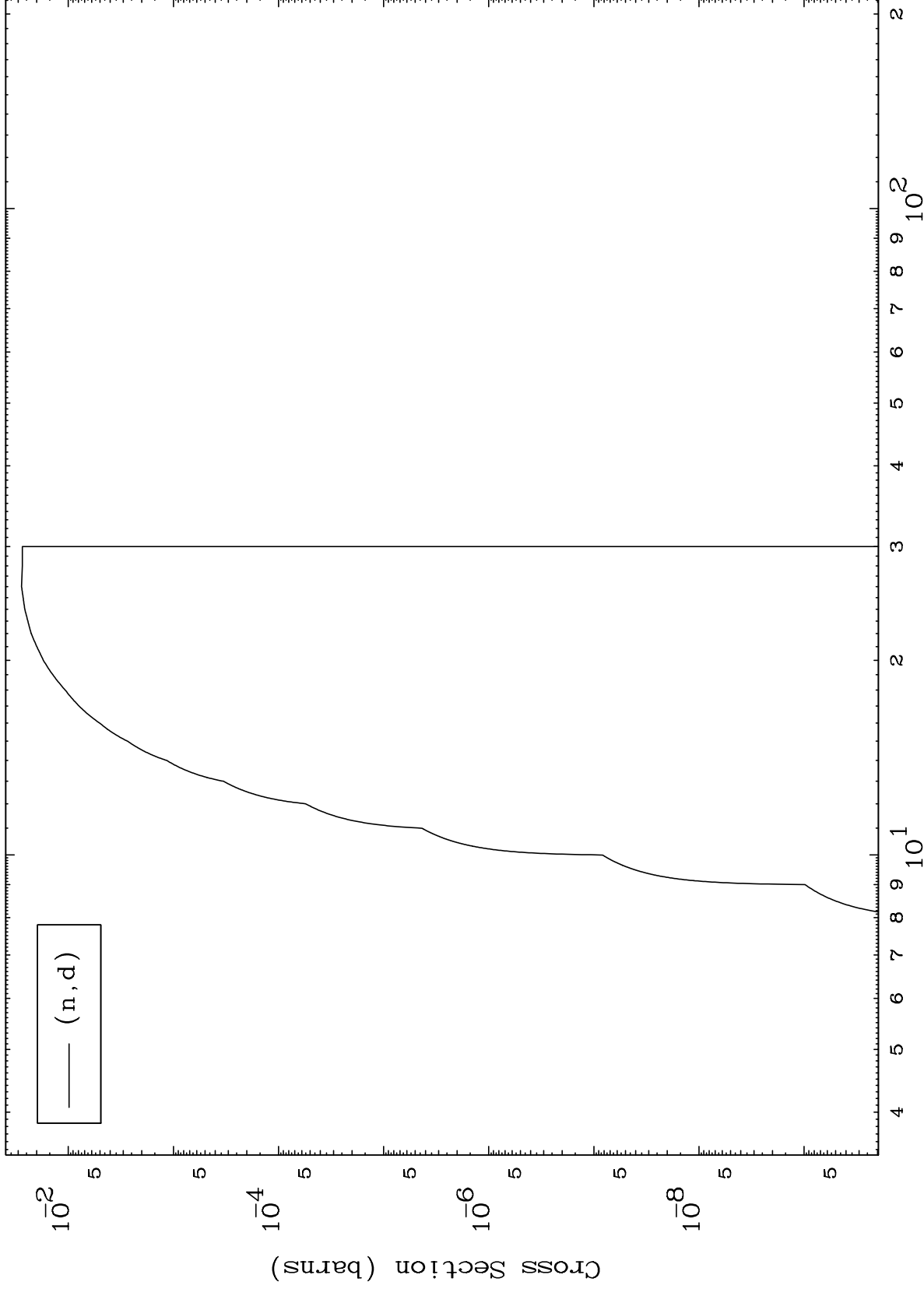
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-135m



8

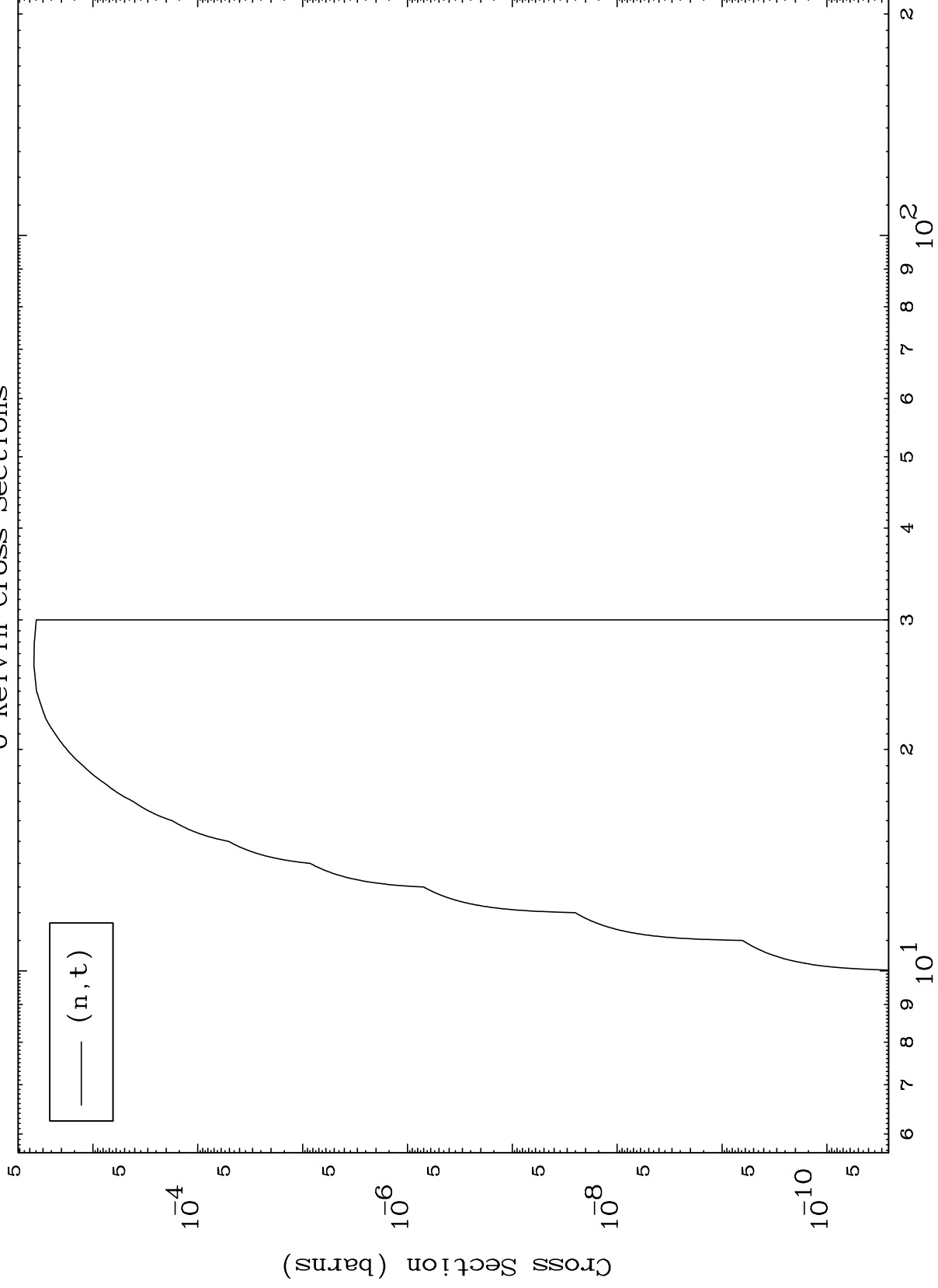
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(p, t) Levels
0 Kelvin Cross Sections

54-Xe-135m



9

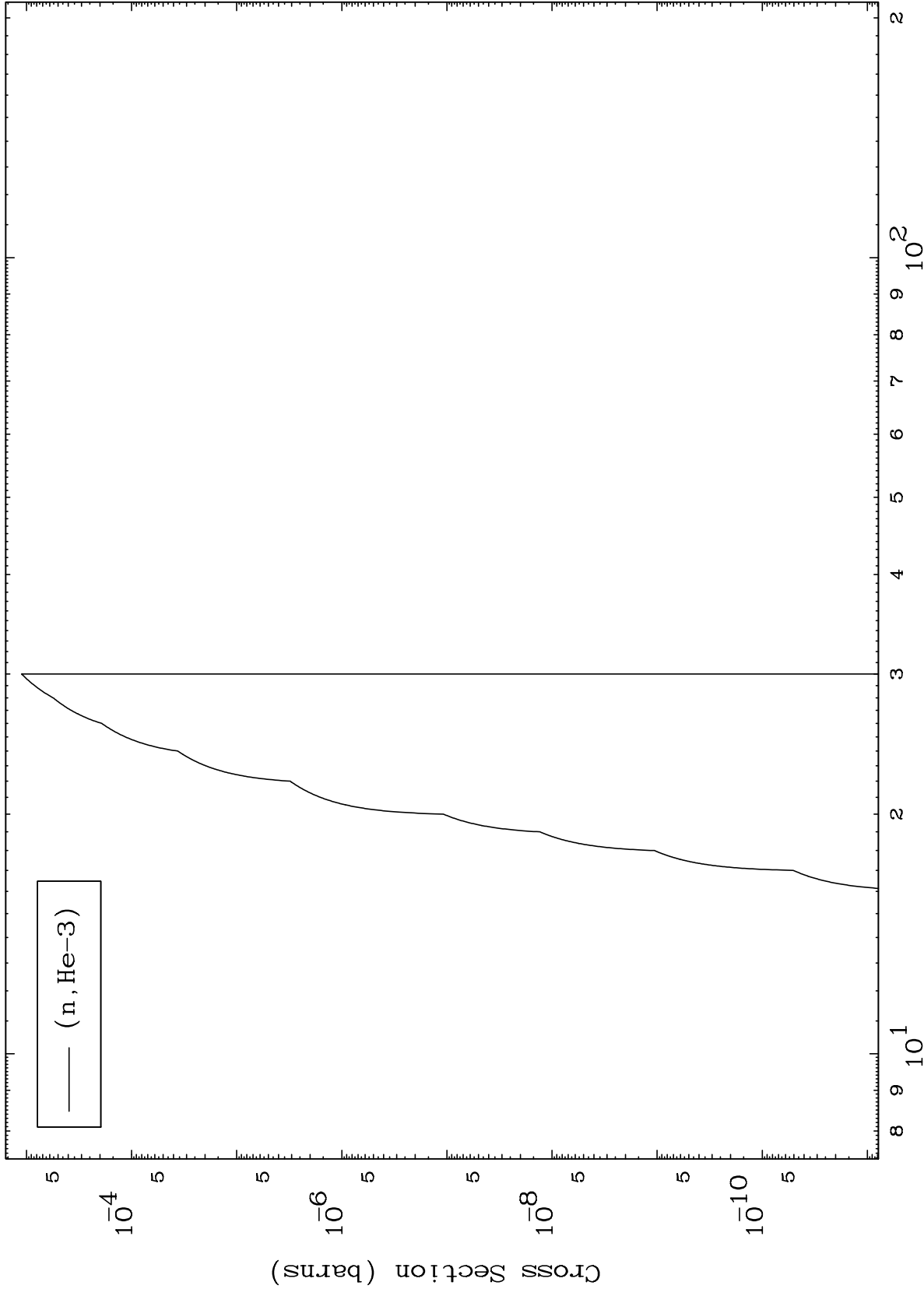
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-135m



10

Incident Energy (MeV)

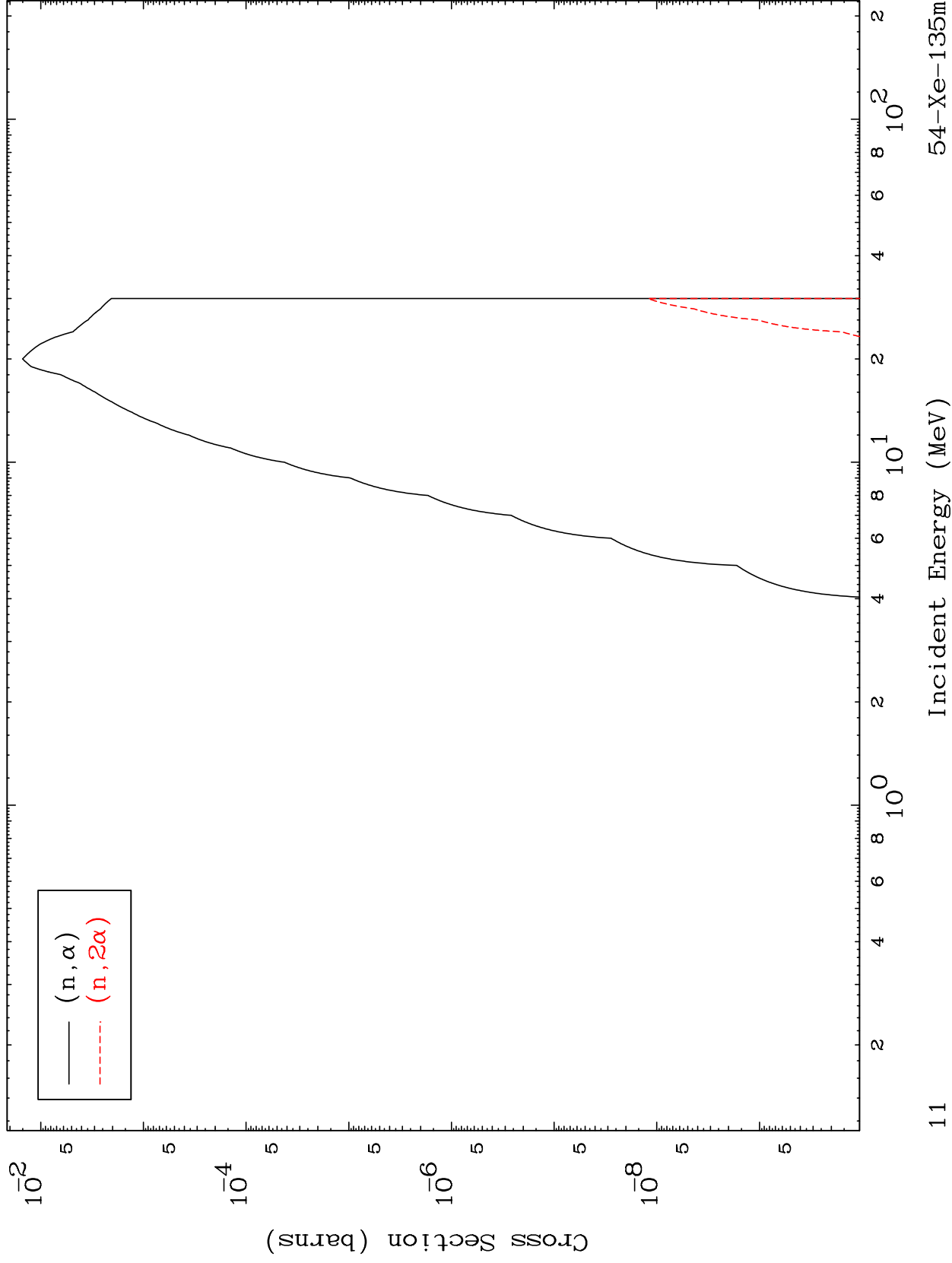
54-Xe-135m

MAT 5459

(p, α) Levels

54-Xe-135m

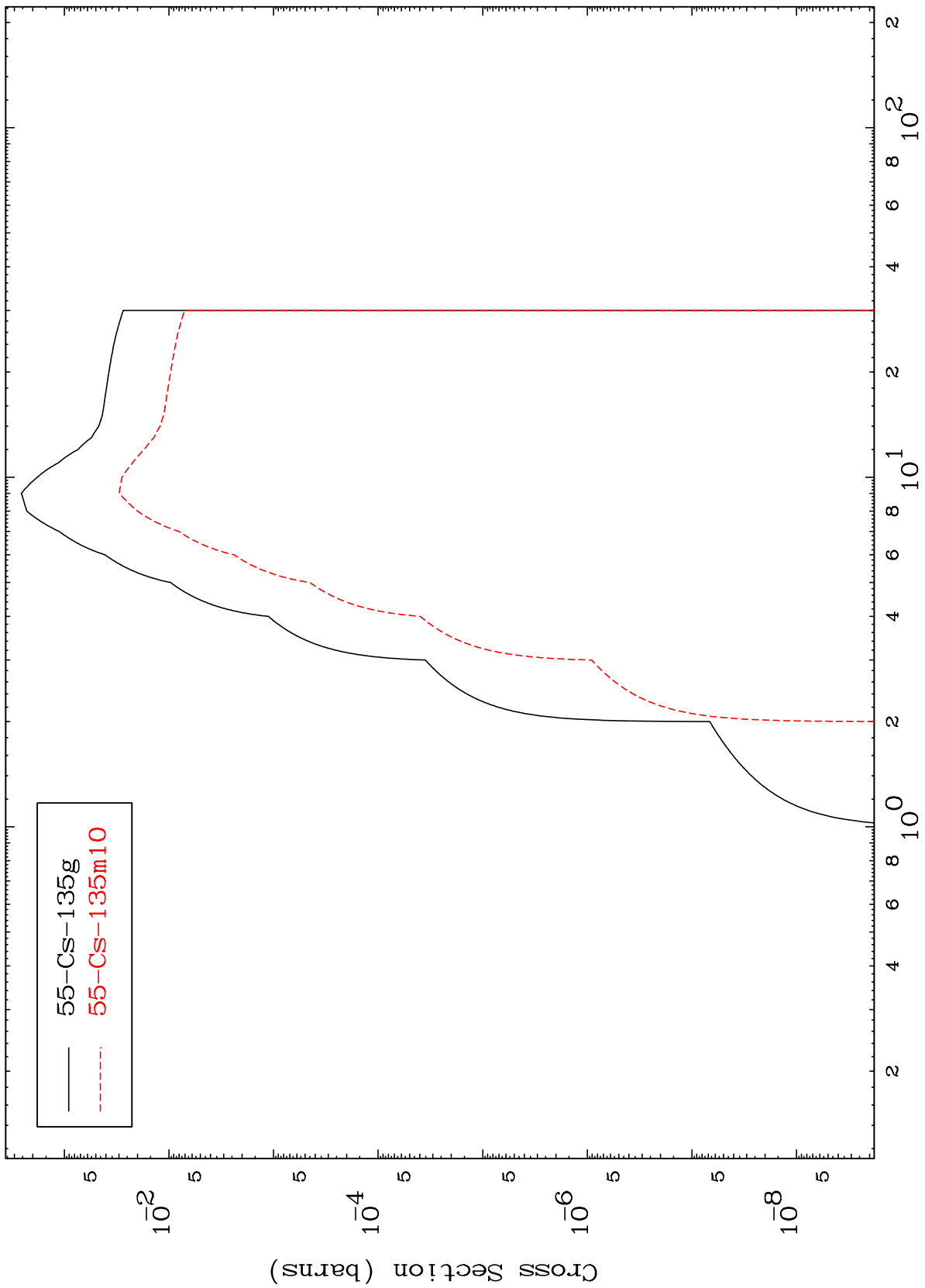
0 Kelvin Cross Sections



MAT 5459

54-Xe-135m

Radionuclide Production Cross Section



54-Xe-135m

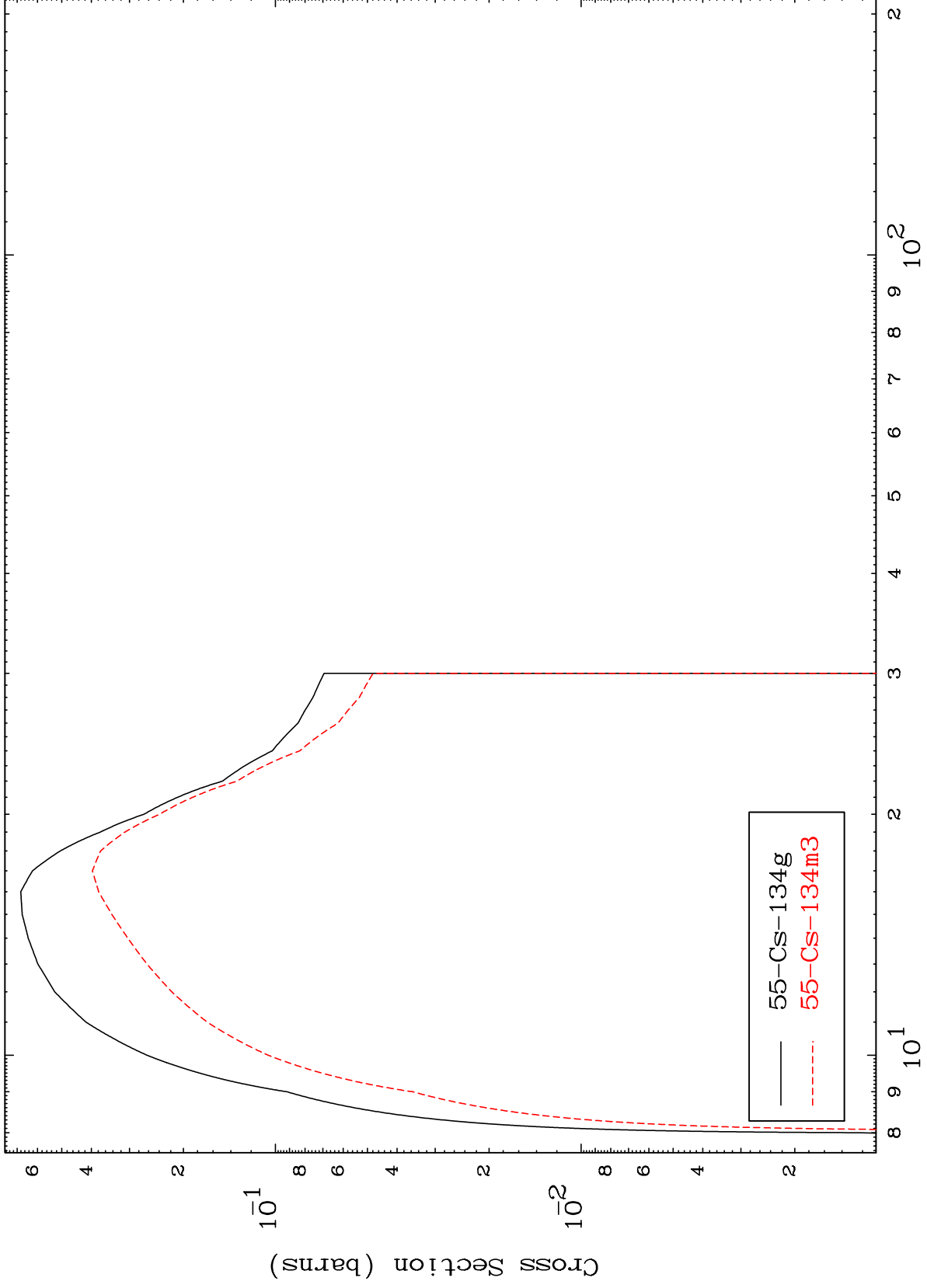
Incident Energy (MeV)

MAT 5459

(n,2n)

54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

13

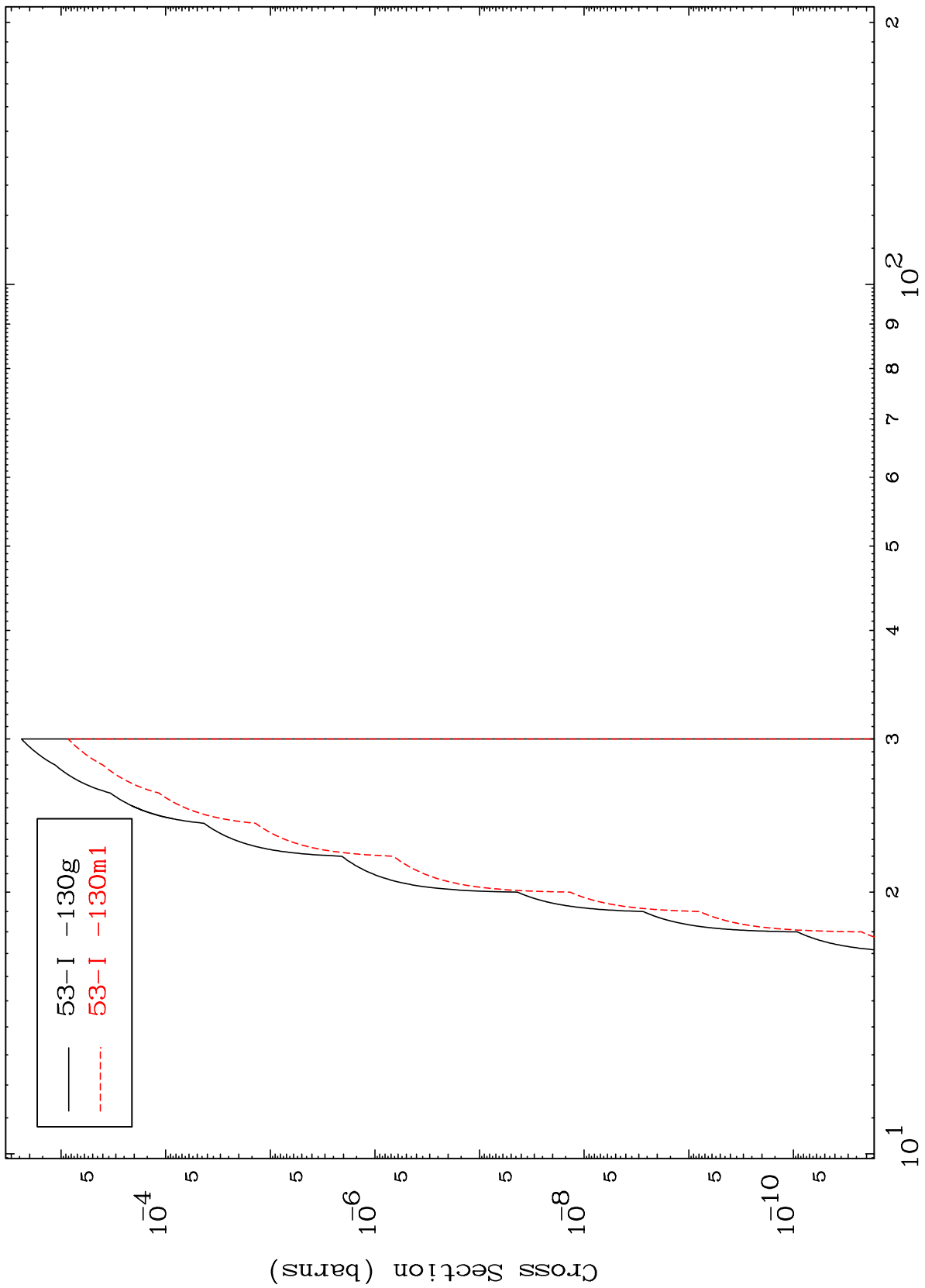
54-Xe-135m

MAT 5459

(n,2n) α

54-Xe-135m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

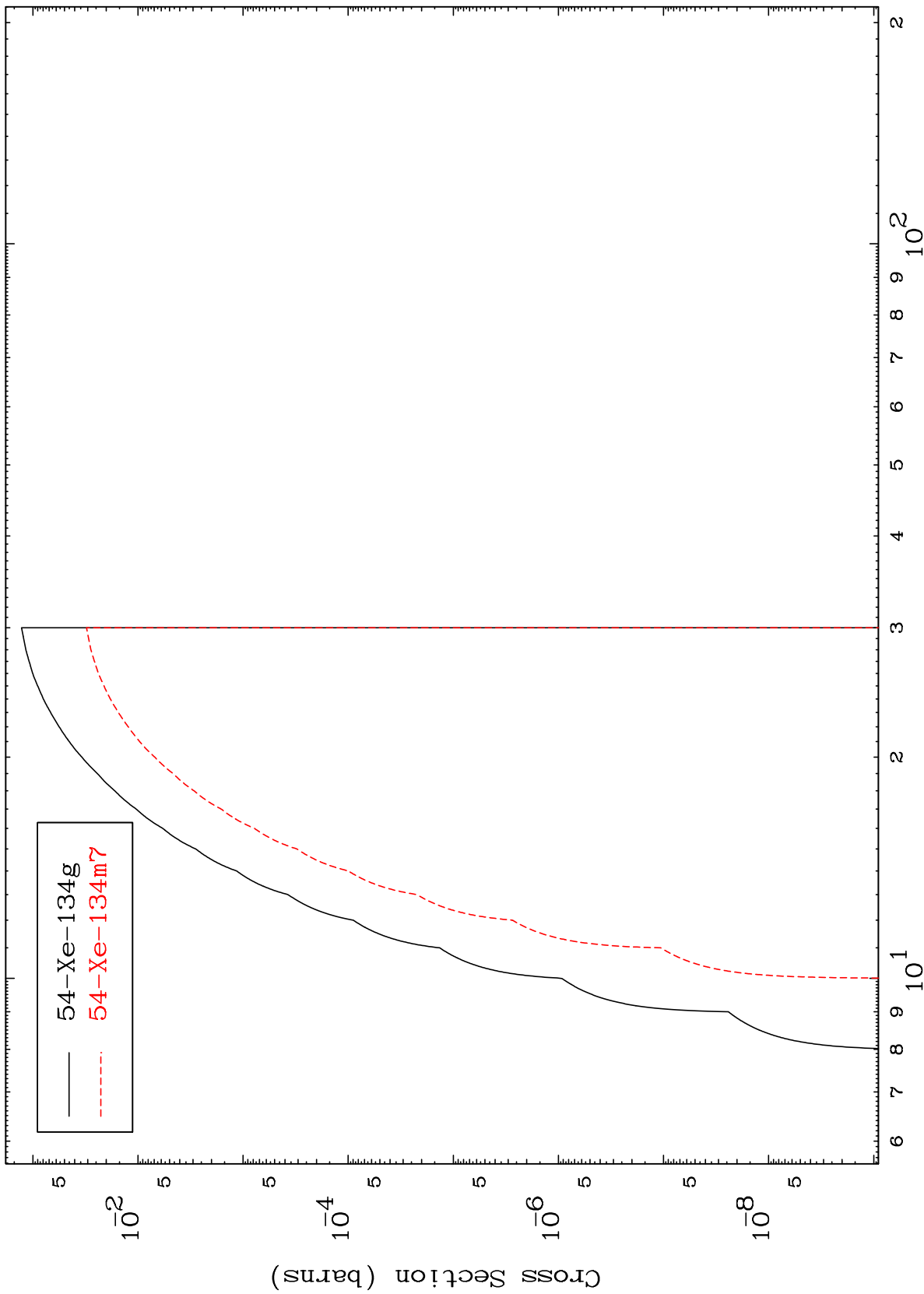
54-Xe-135m

MAT 5459

(n,n') p

54-Xe-135m

Radionuclide Production Cross Section



15

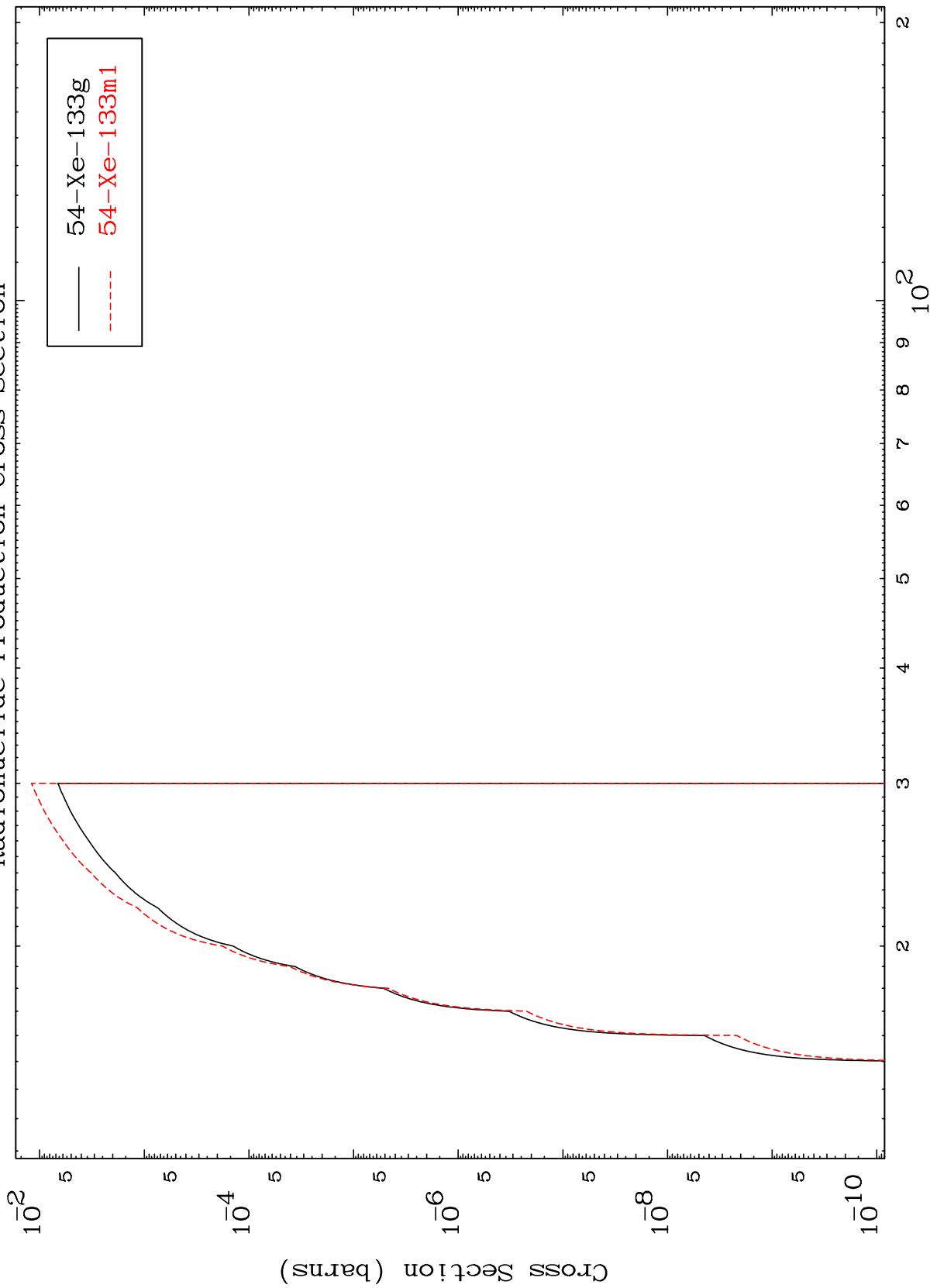
Incident Energy (MeV)

54-Xe-135m

MAT 5459

54-Xe-135m

(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

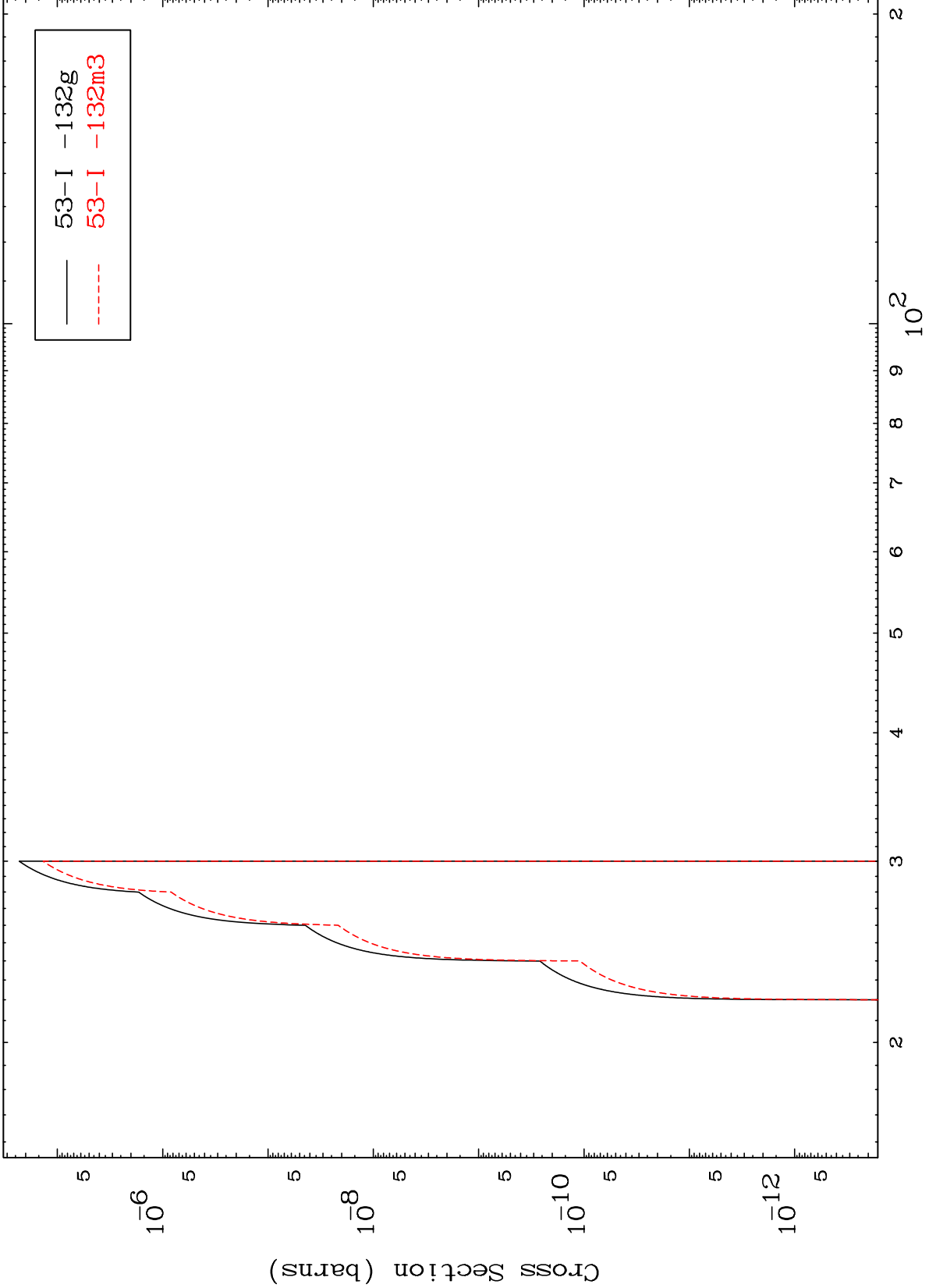
54-Xe-135m

MAT 5459

(n,n') He-3

54-Xe-135m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

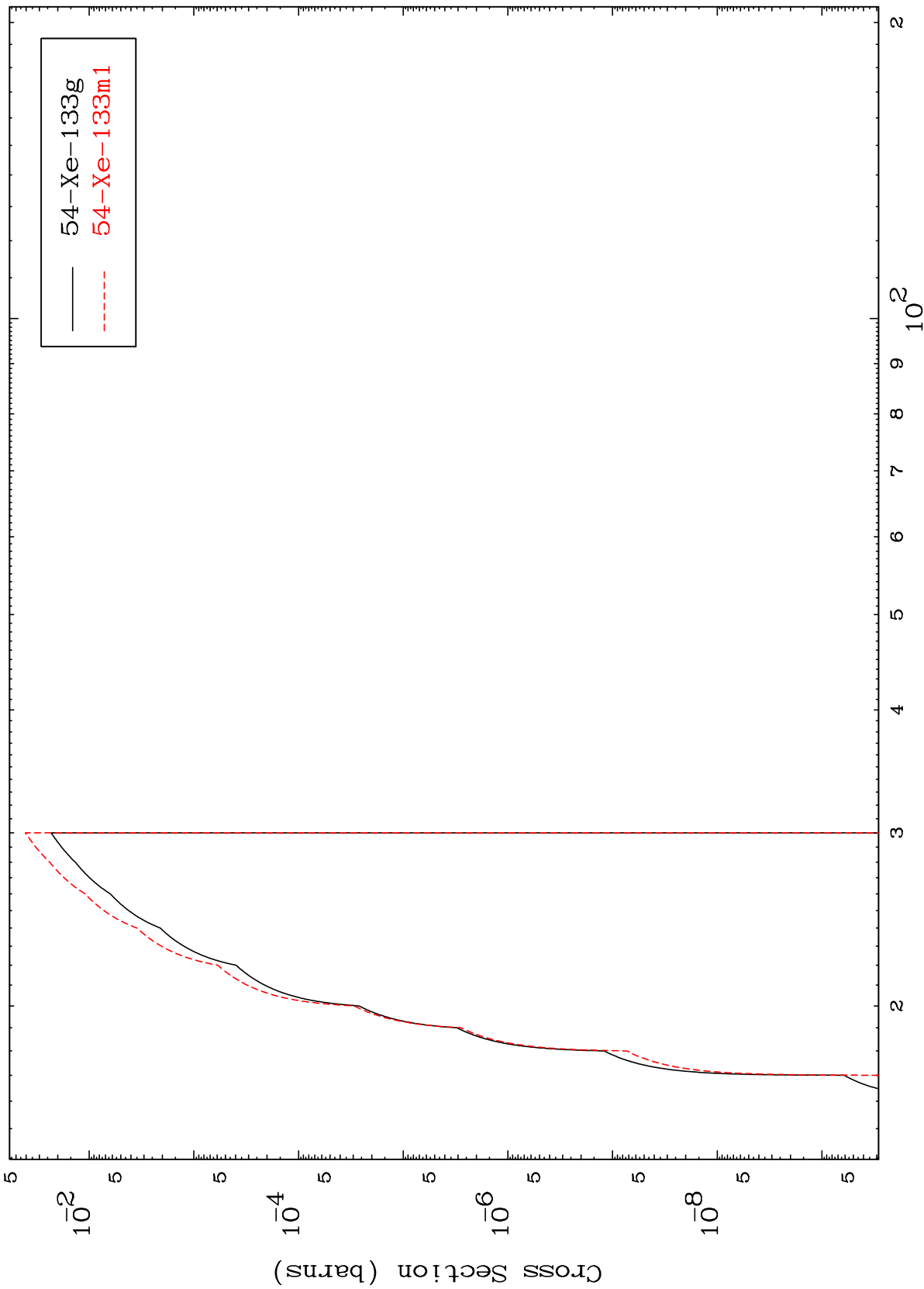
54-Xe-135m

MAT 5459

(n,2n) p

54-Xe-135m

Radionuclide Production Cross Section

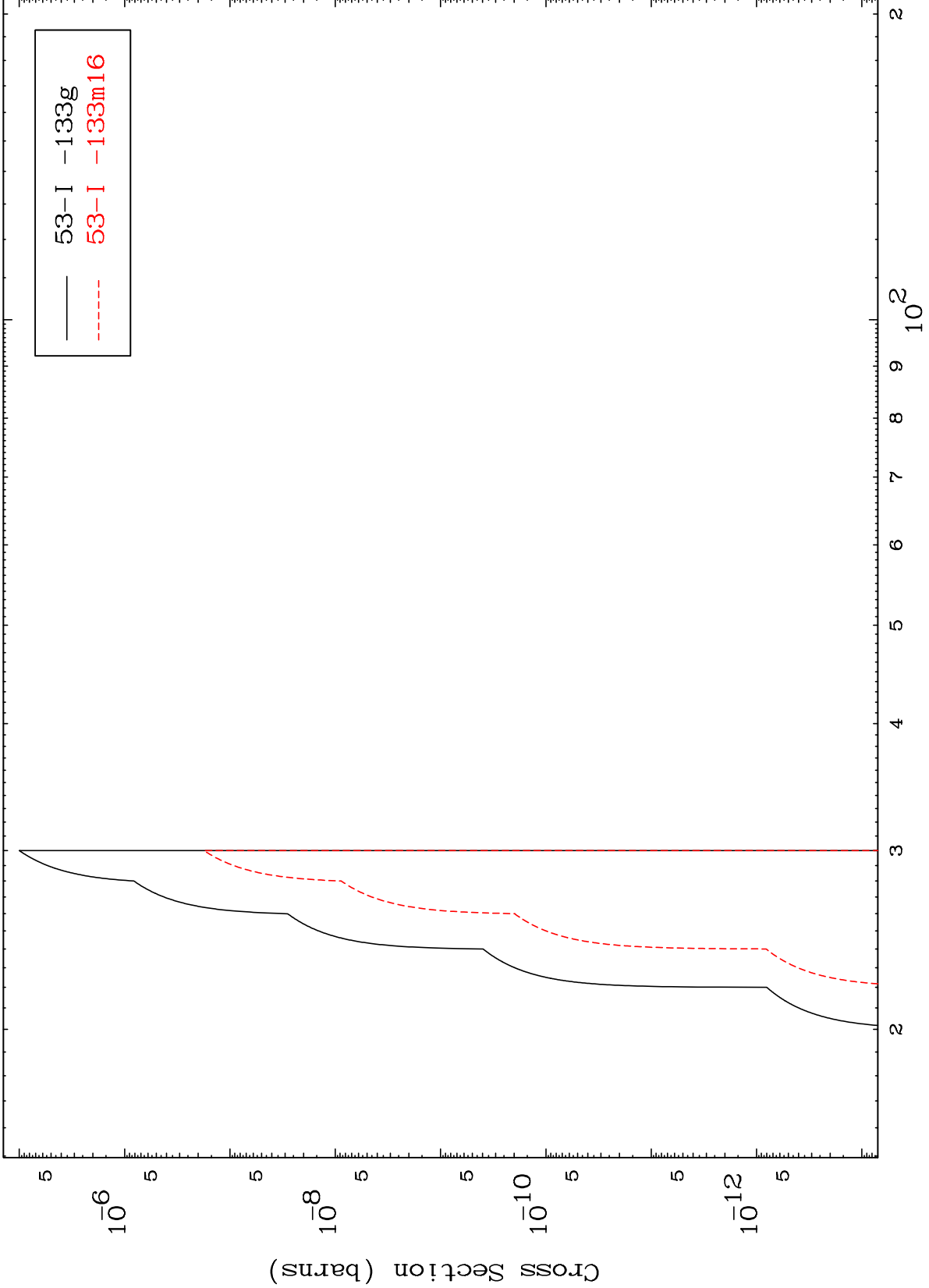


18

Incident Energy (MeV)

54-Xe-135m

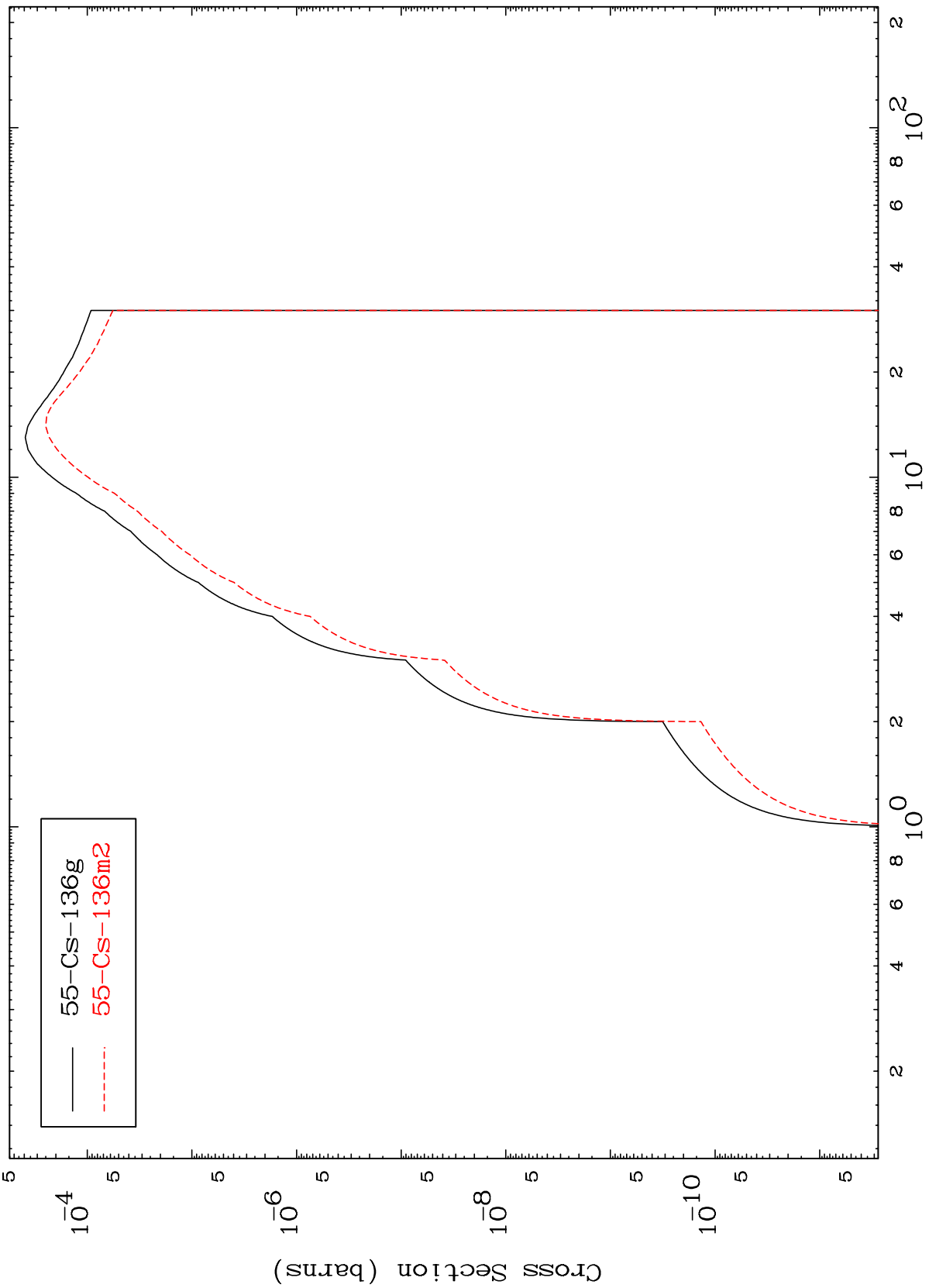
Radionuclide Production Cross Section



MAT 5459

54-Xe-135m

(n, γ)
Radionuclide Production Cross Section



— 55-Cs-136g
- - - 55-Cs-136m2

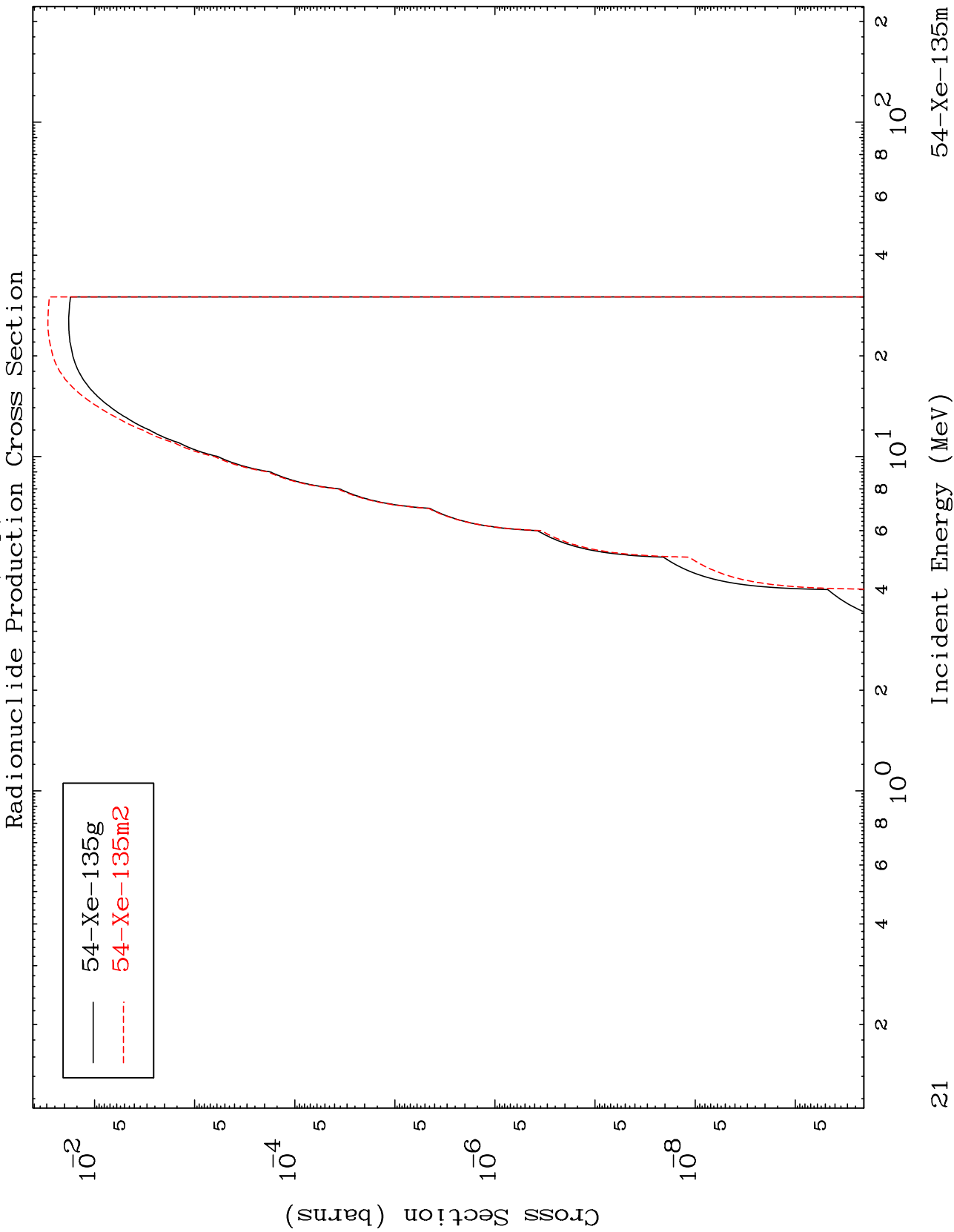
54-Xe-135m

Incident Energy (MeV)

20

MAT 5459

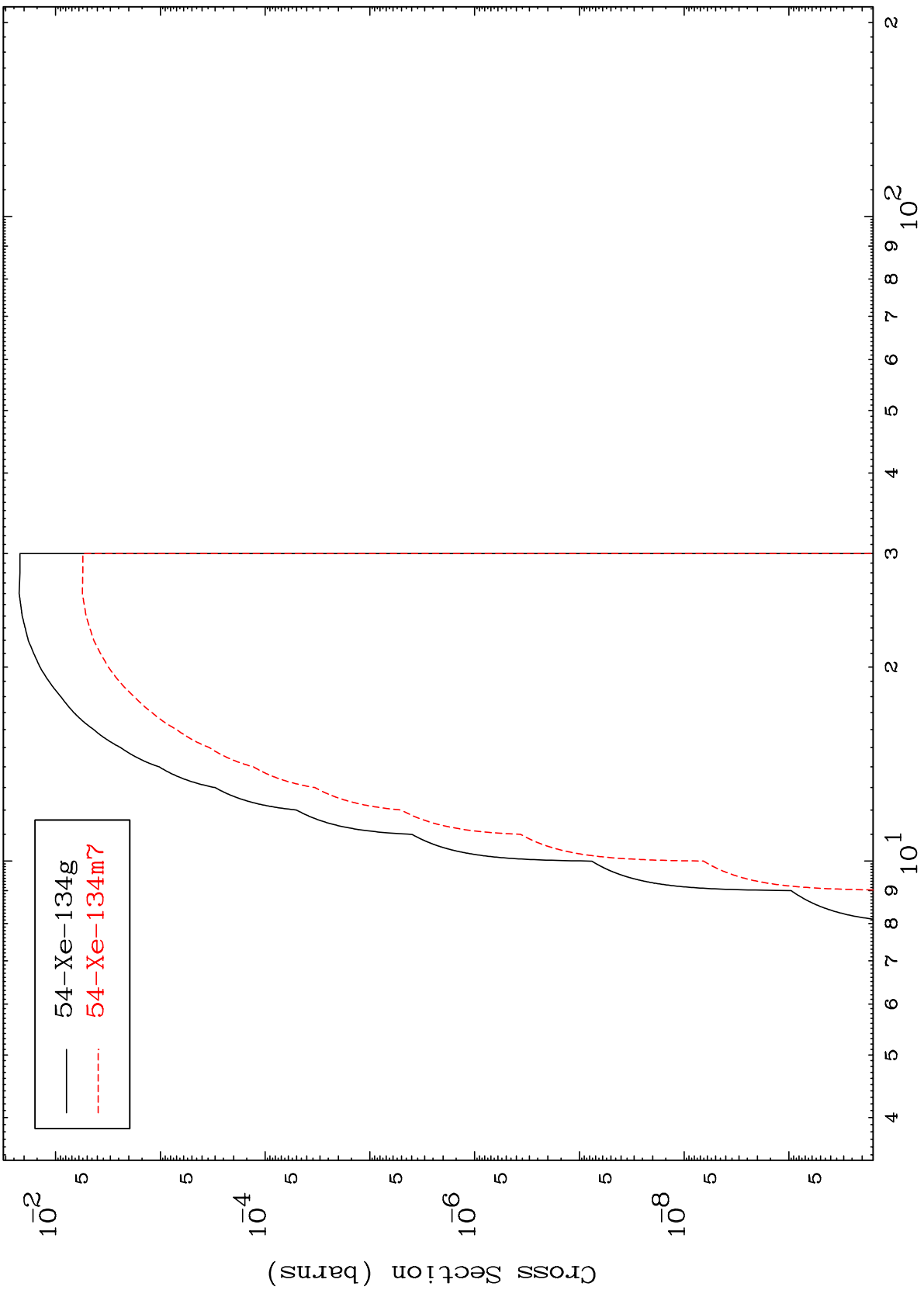
54-Xe-135m



MAT 5459

54-Xe-135m

(n,d)
Radionuclide Production Cross Section



22

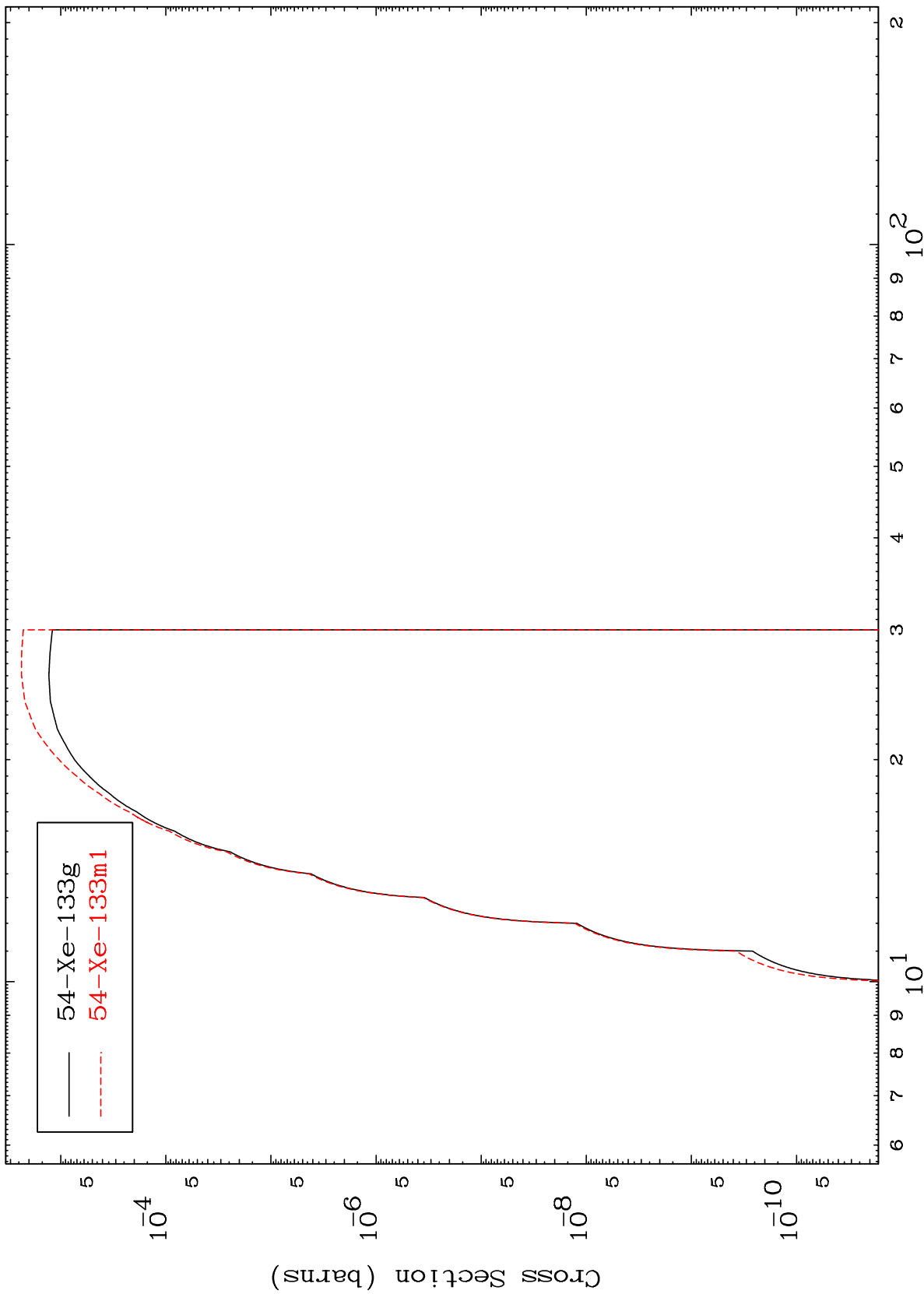
54-Xe-135m

Incident Energy (MeV)

MAT 5459

54-Xe-135m

(n,t)
Radionuclide Production Cross Section



54-Xe-135m

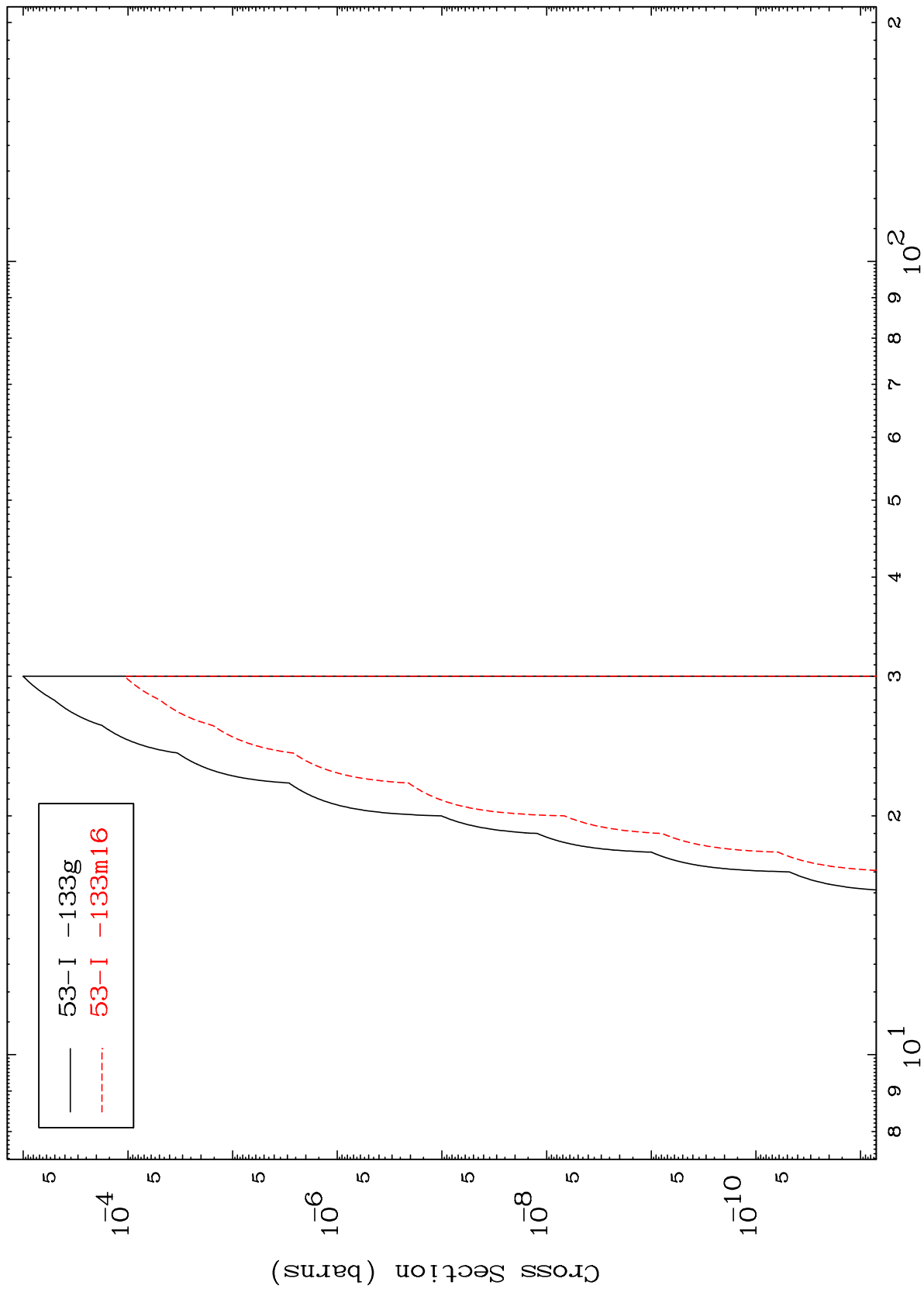
Incident Energy (MeV)

23

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54-Xe-135m

(n,He-3)
Radionuclide Production Cross Section



54-Xe-135m

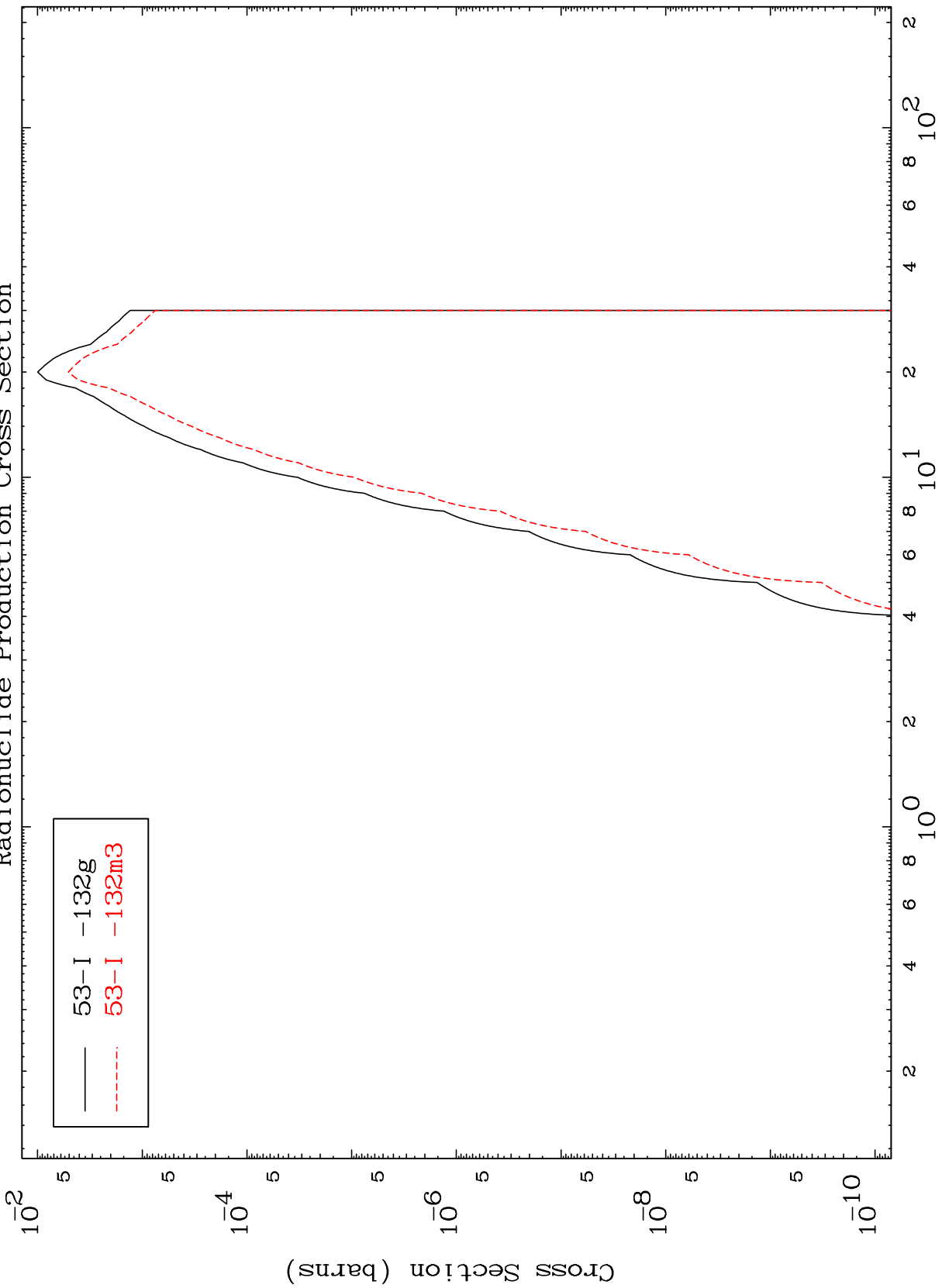
Incident Energy (MeV)

24

MAT 5459

54-Xe-135m

Radionuclide Production Cross Section



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

54-Xe-135m

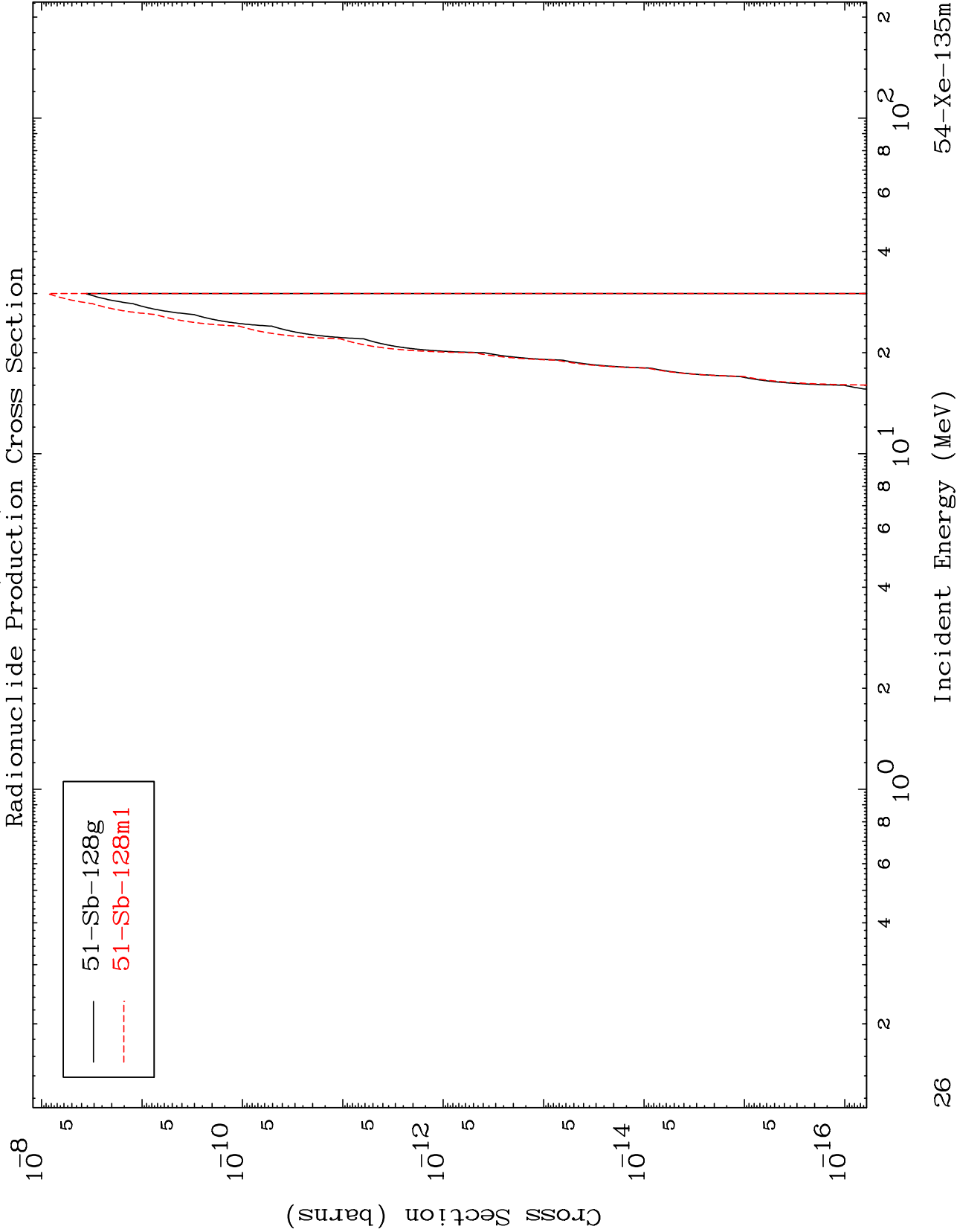
Incident Energy (MeV)

25

MAT 5459

(n,2α)

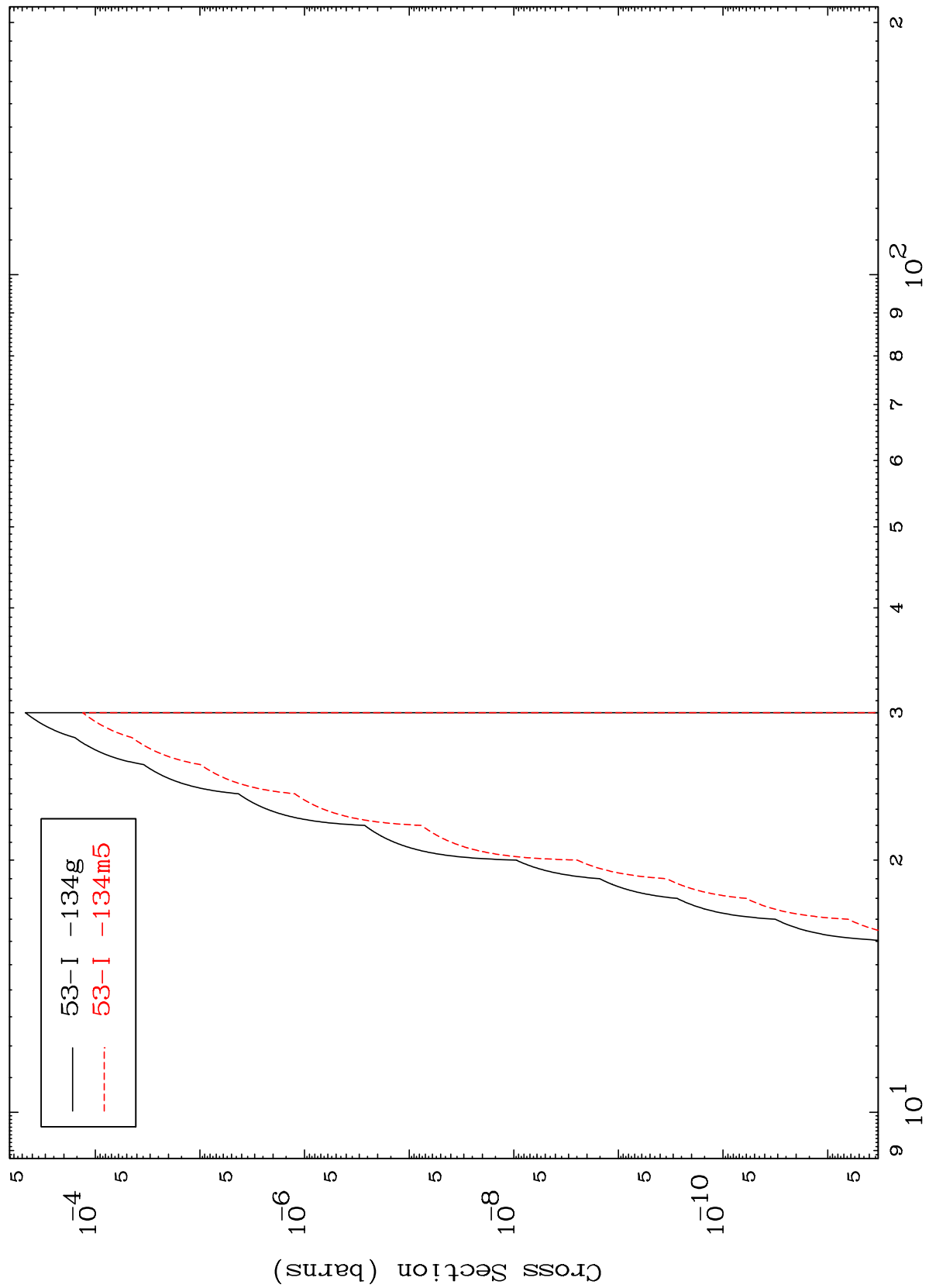
54-Xe-135m



MAT 5459

54-Xe-135m

(n,2p)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

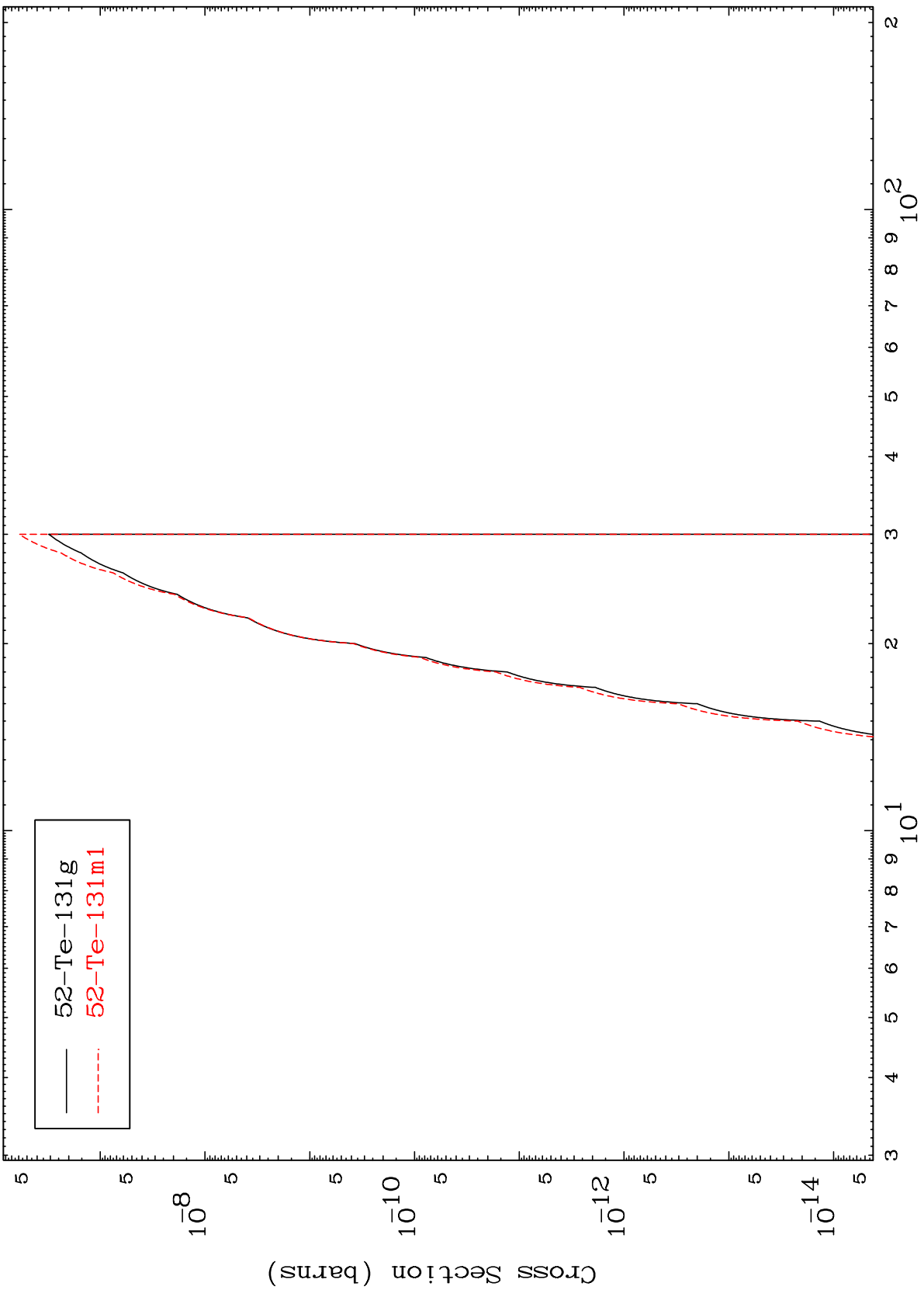
54-Xe-135m

MAT 5459

(n,p) α

54-Xe-135m

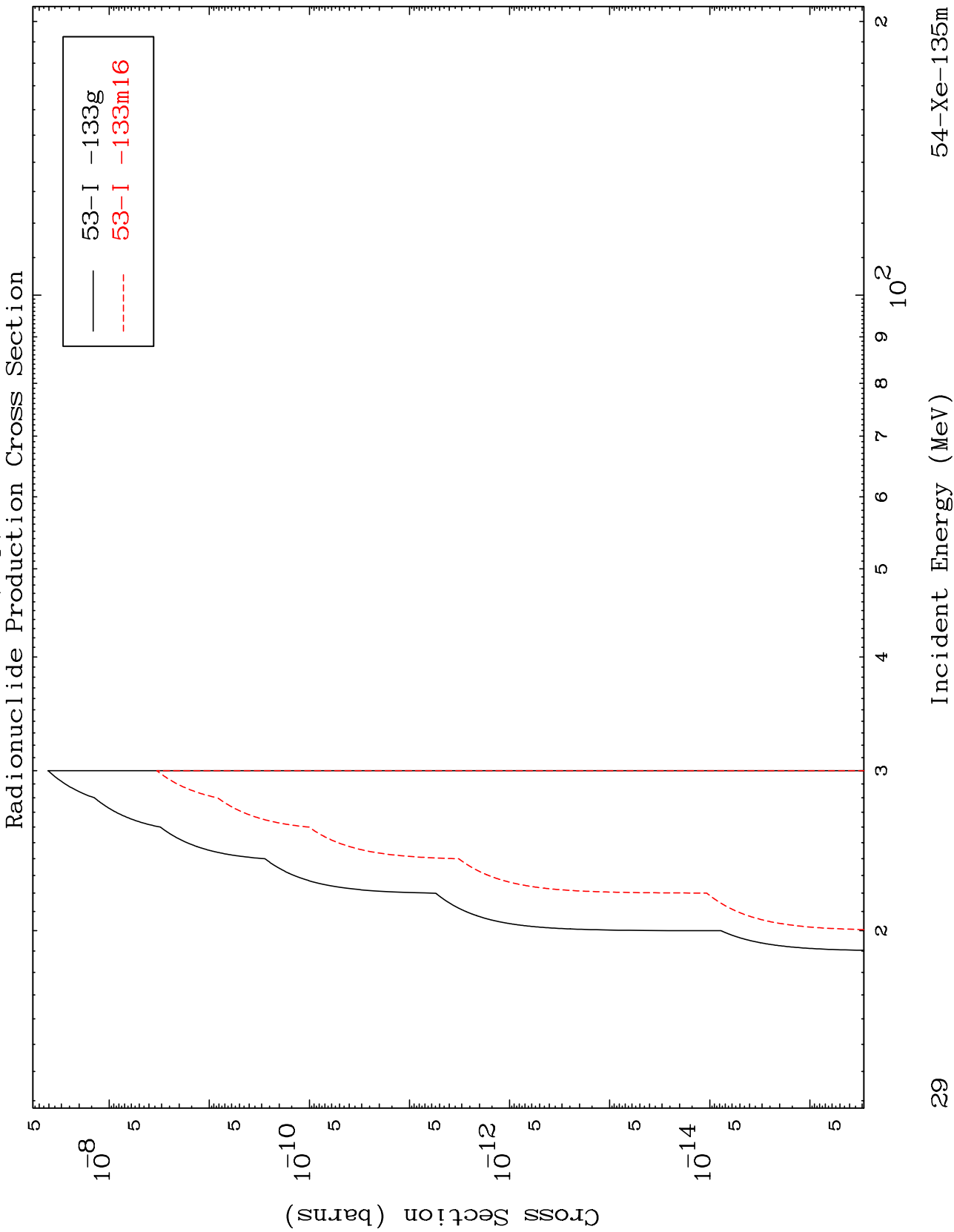
Radionuclide Production Cross Section



MAT 5459

(n,p) d

54-Xe-135m



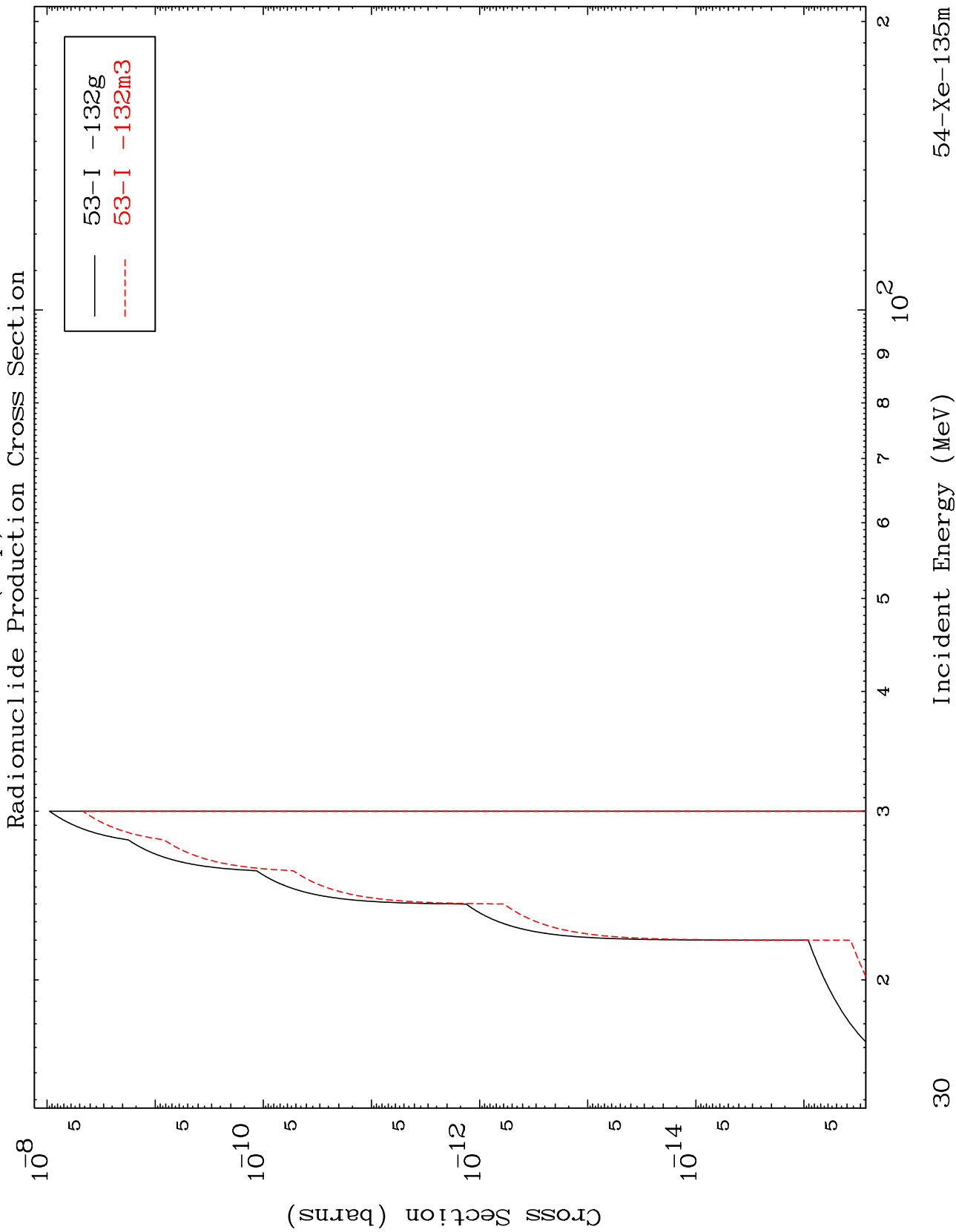
29

54-Xe-135m

MAT 5459

(n,p) t

54-Xe-135m



30

54-Xe-135m