

Program EVALPLOT
(Version 2021-1)

by

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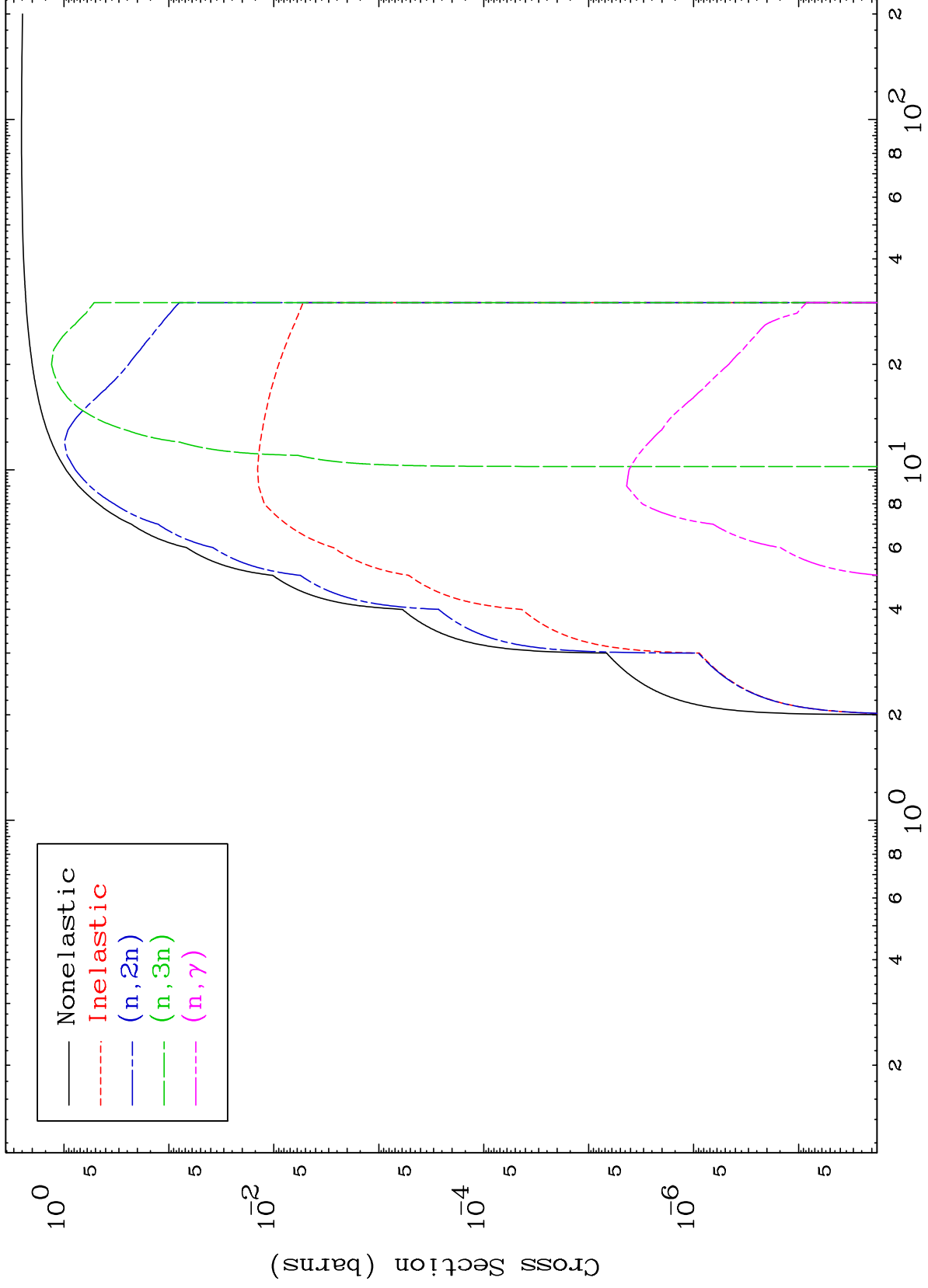
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5459

Deuteron Major
0 Kelvin Cross Sections

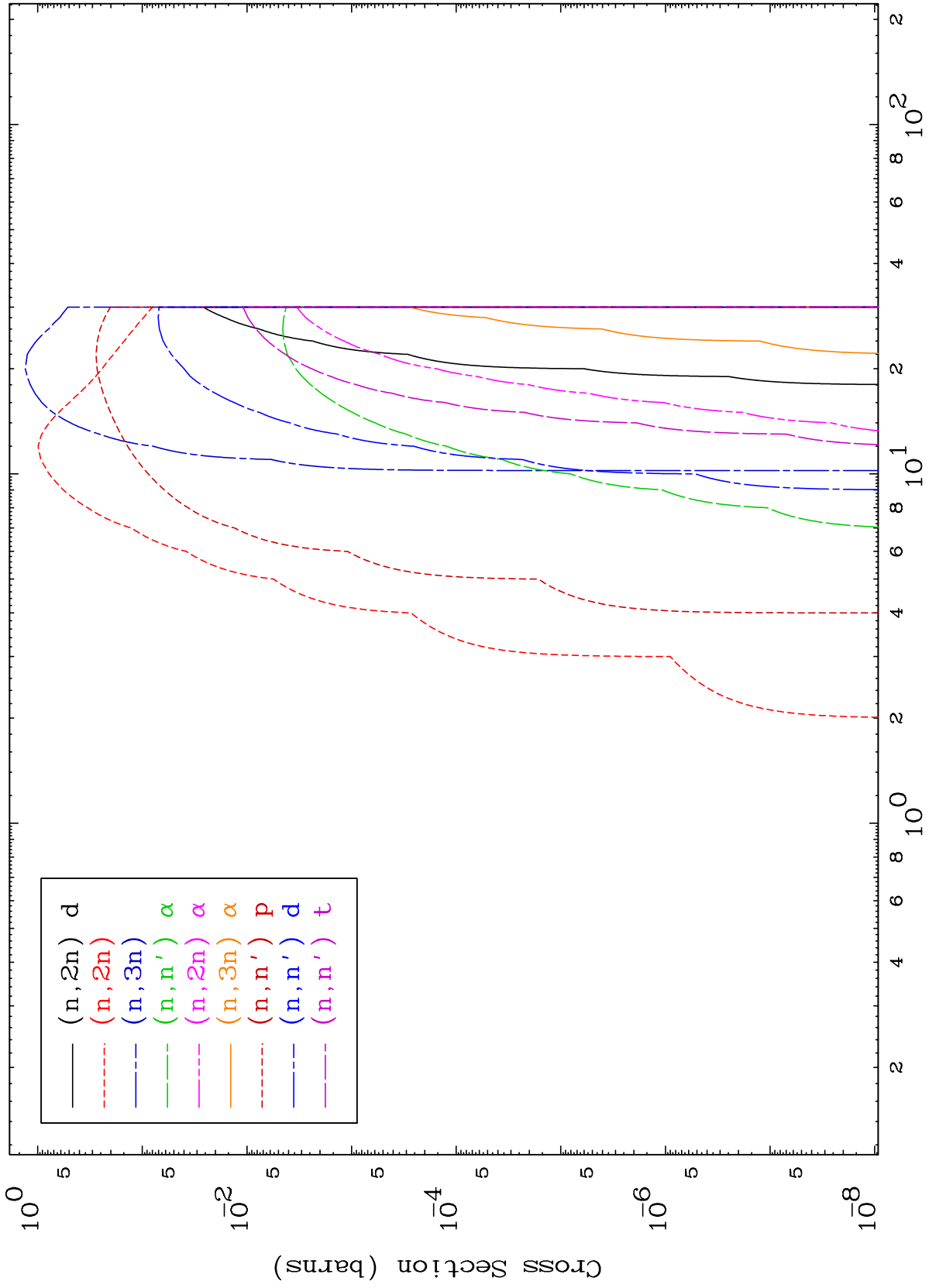
54-Xe-135m



MAT 5459

Deuteron Neutron Absorption
0 Kelvin Cross Sections

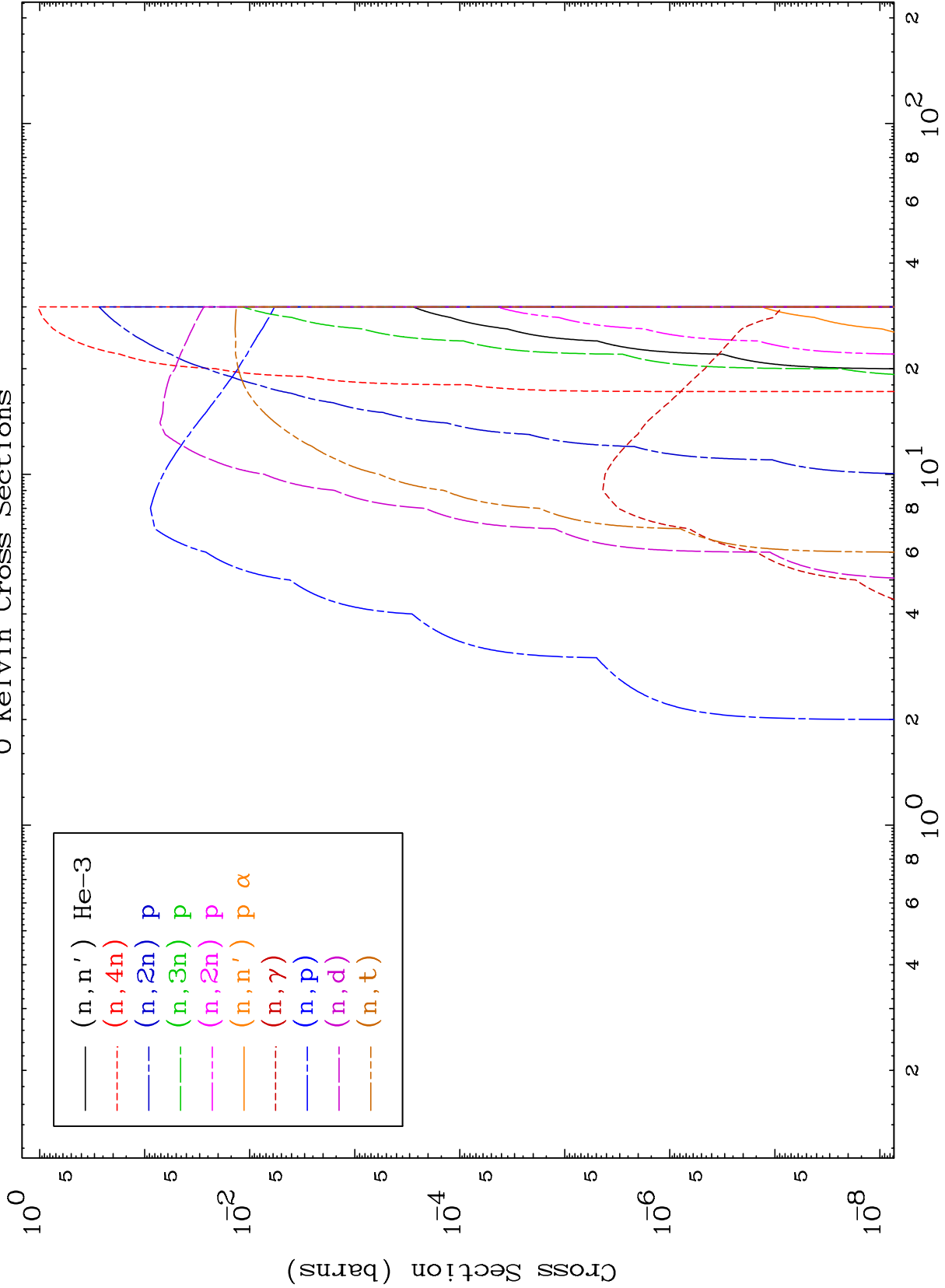
54-Xe-135m



MAT 5459

Deuteron Neutron Absorption
0 Kelvin Cross Sections

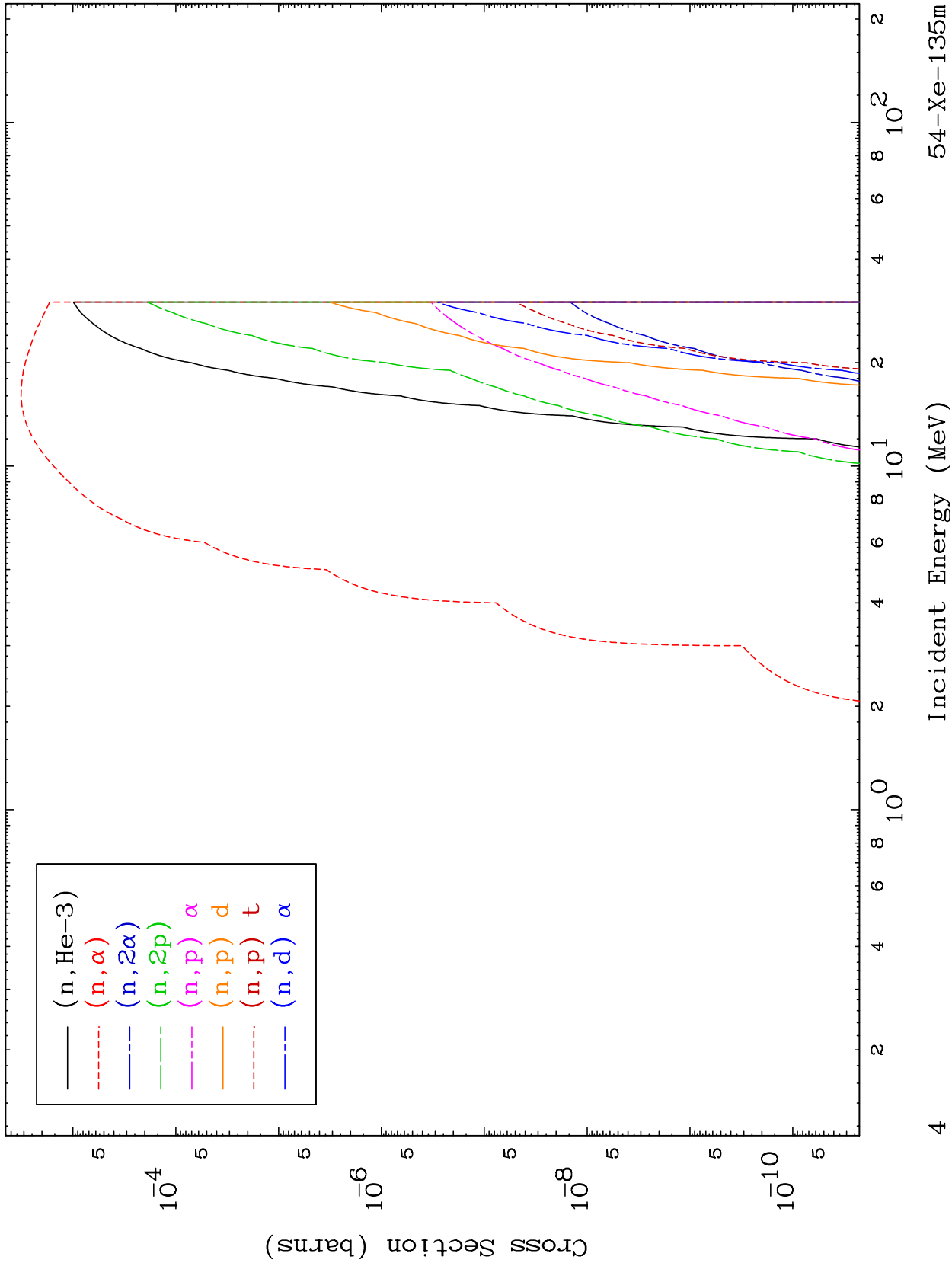
54-Xe-135m



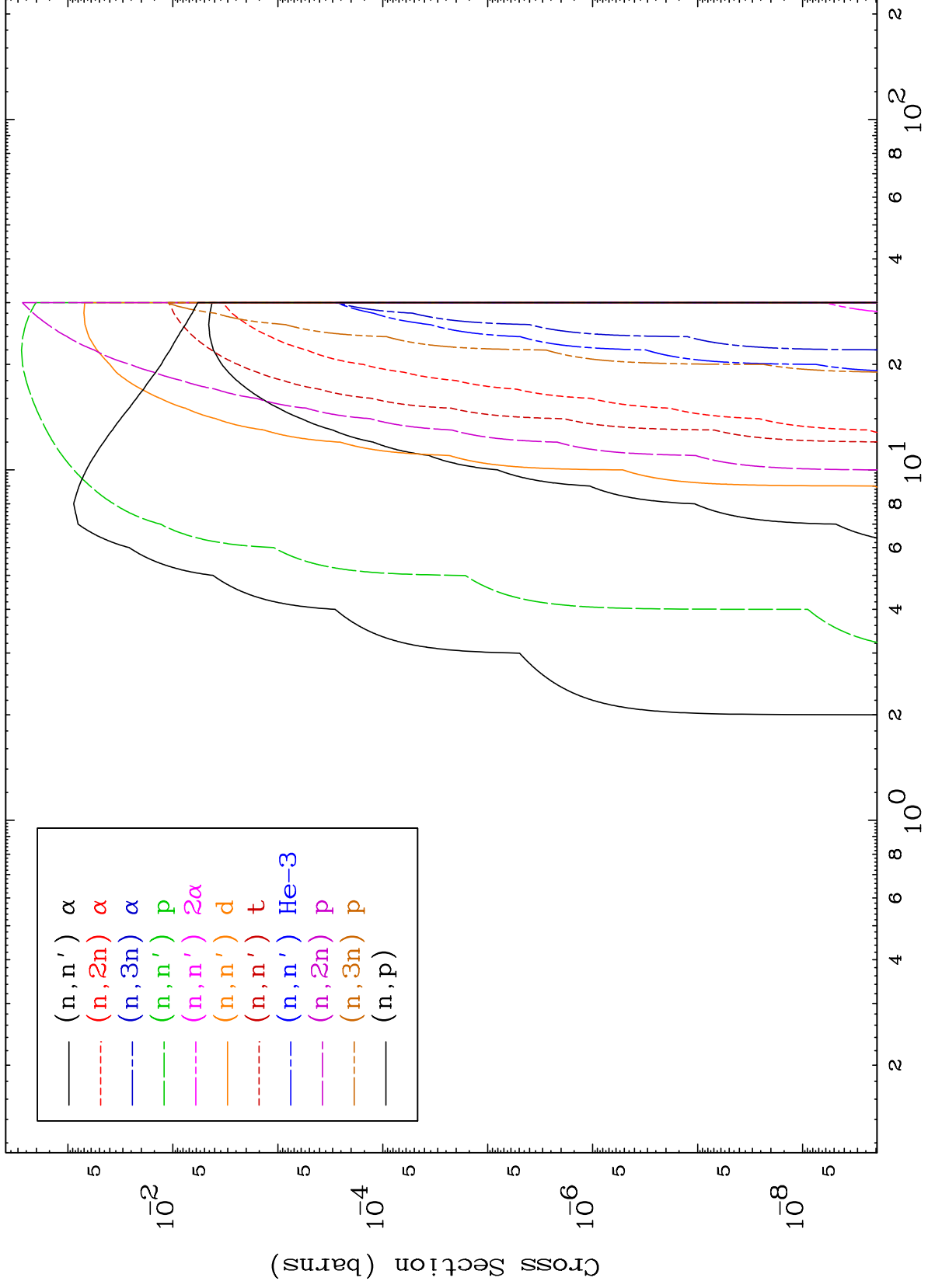
MAT 5459

Deuteron Neutron Absorption
0 Kelvin Cross Sections

54-Xe-135m



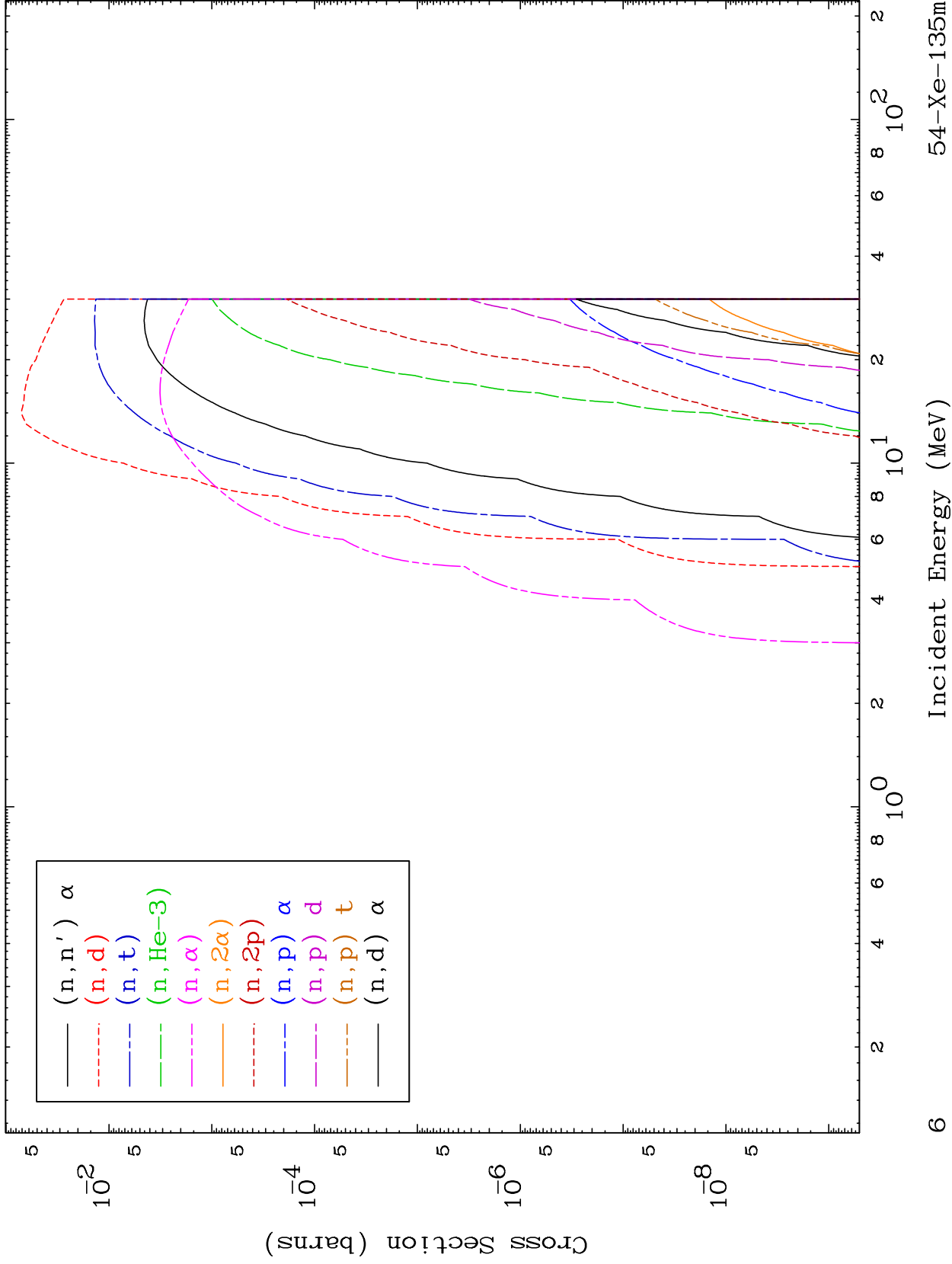
54-Xe-135m



MAT 5459

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-135m

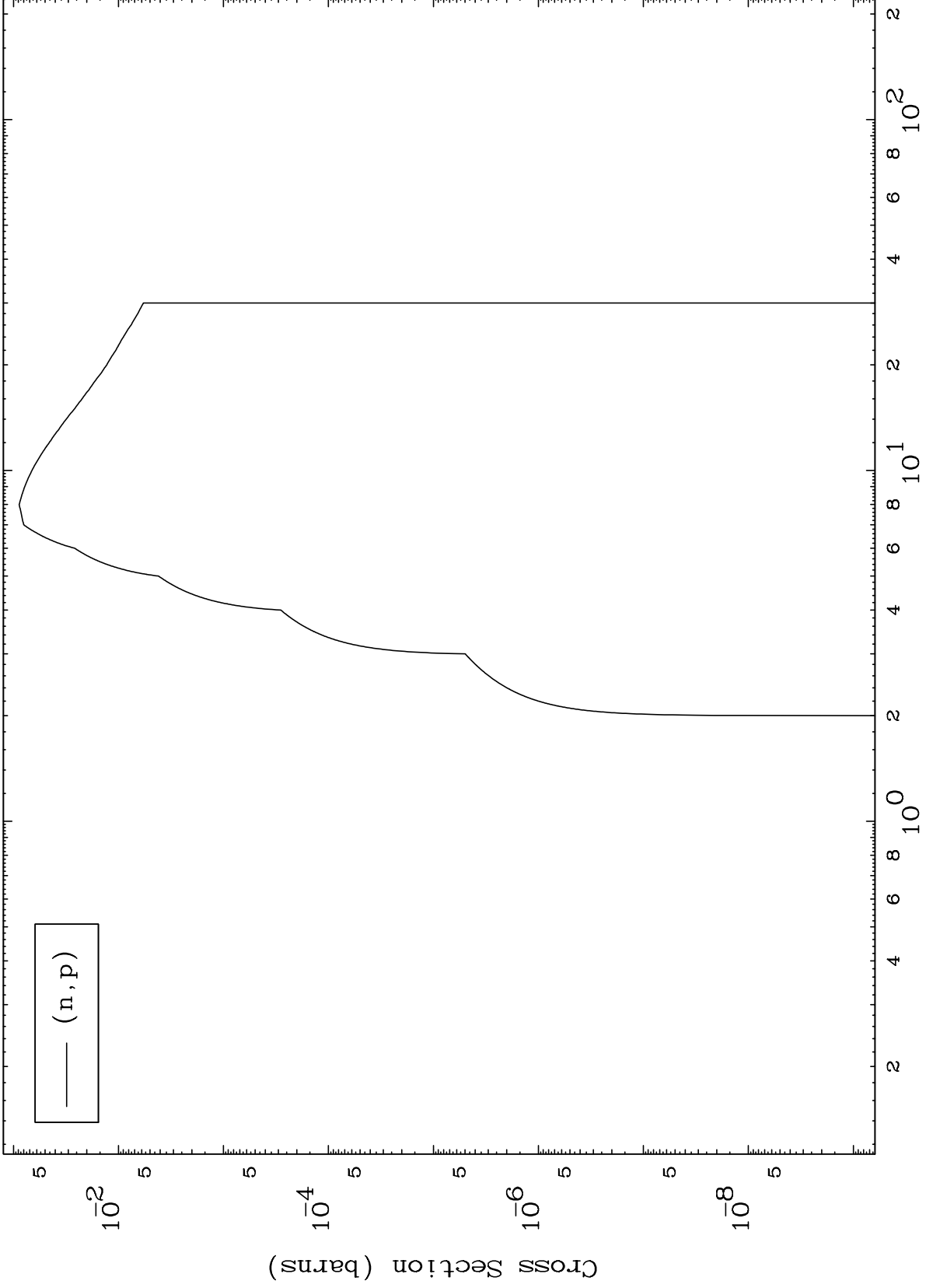


MAT 5459

(d,p) Levels

54-Xe-135m

0 Kelvin Cross Sections

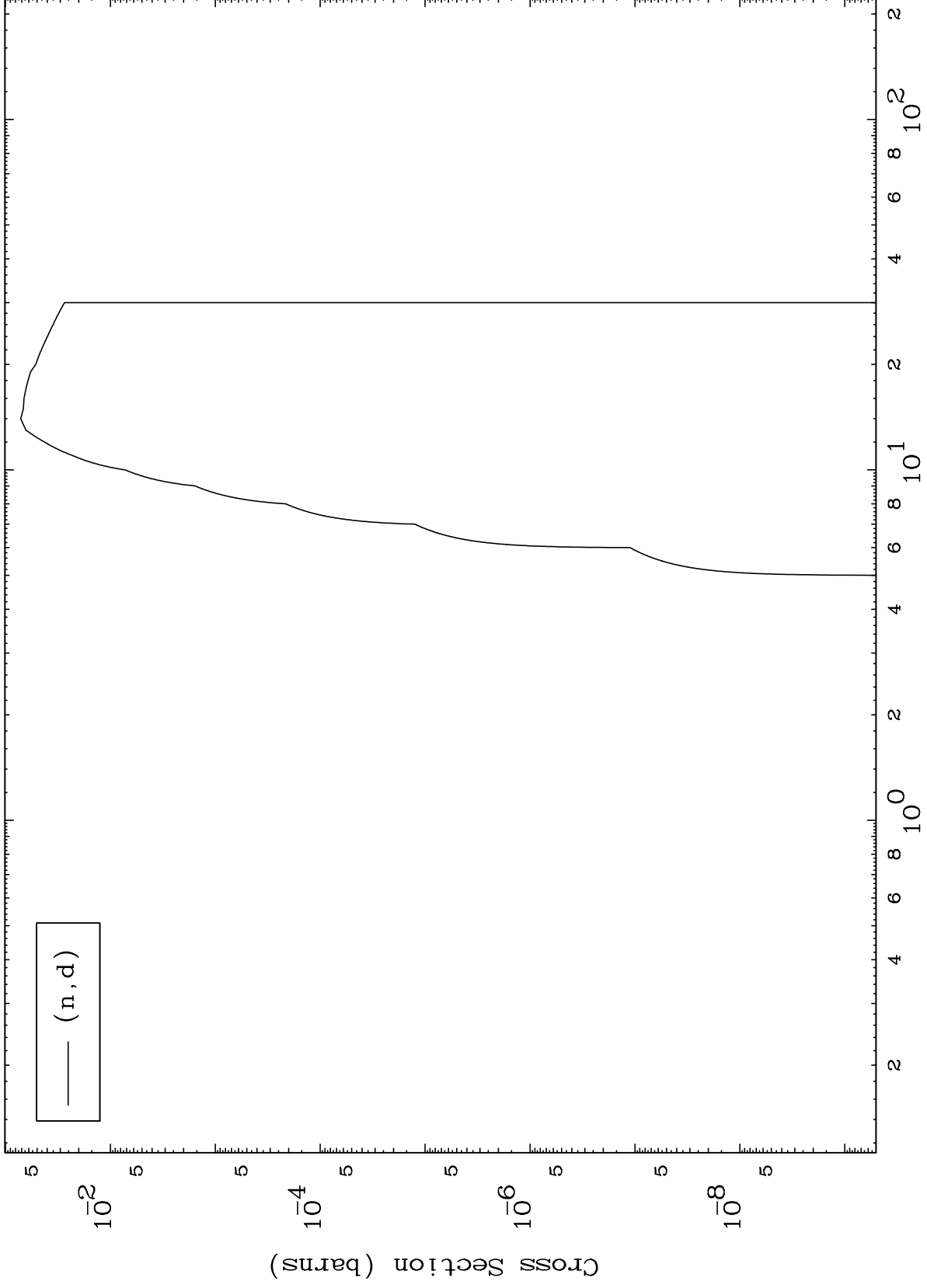


MAT 5459

(d,d) Levels

0 Kelvin Cross Sections

54-Xe-135m



8

Incident Energy (MeV)

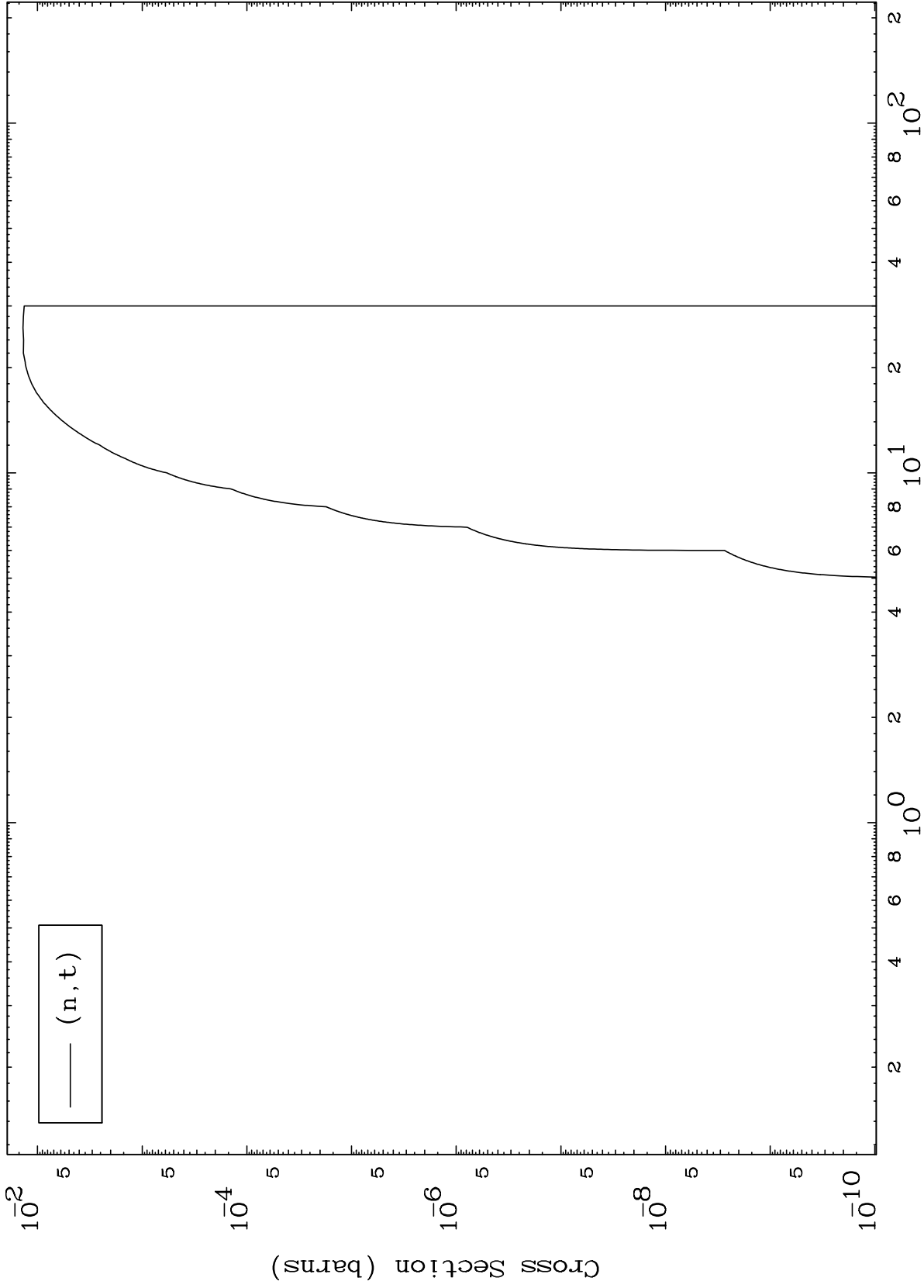
54-Xe-135m

MAT 5459

(d,t) Levels

54-Xe-135m

0 Kelvin Cross Sections

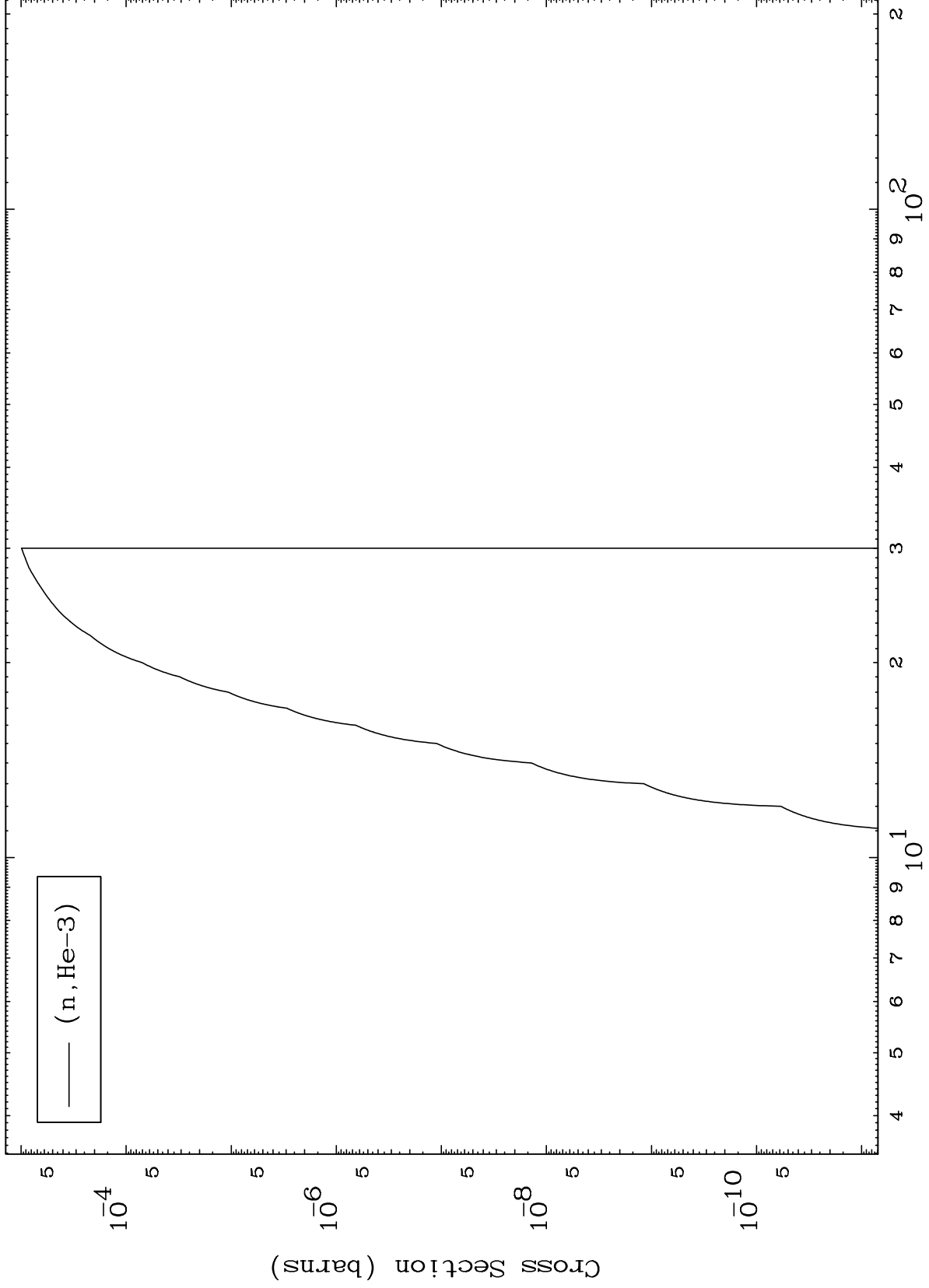


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(d,He3) Levels

54-Xe-135m

0 Kelvin Cross Sections



10

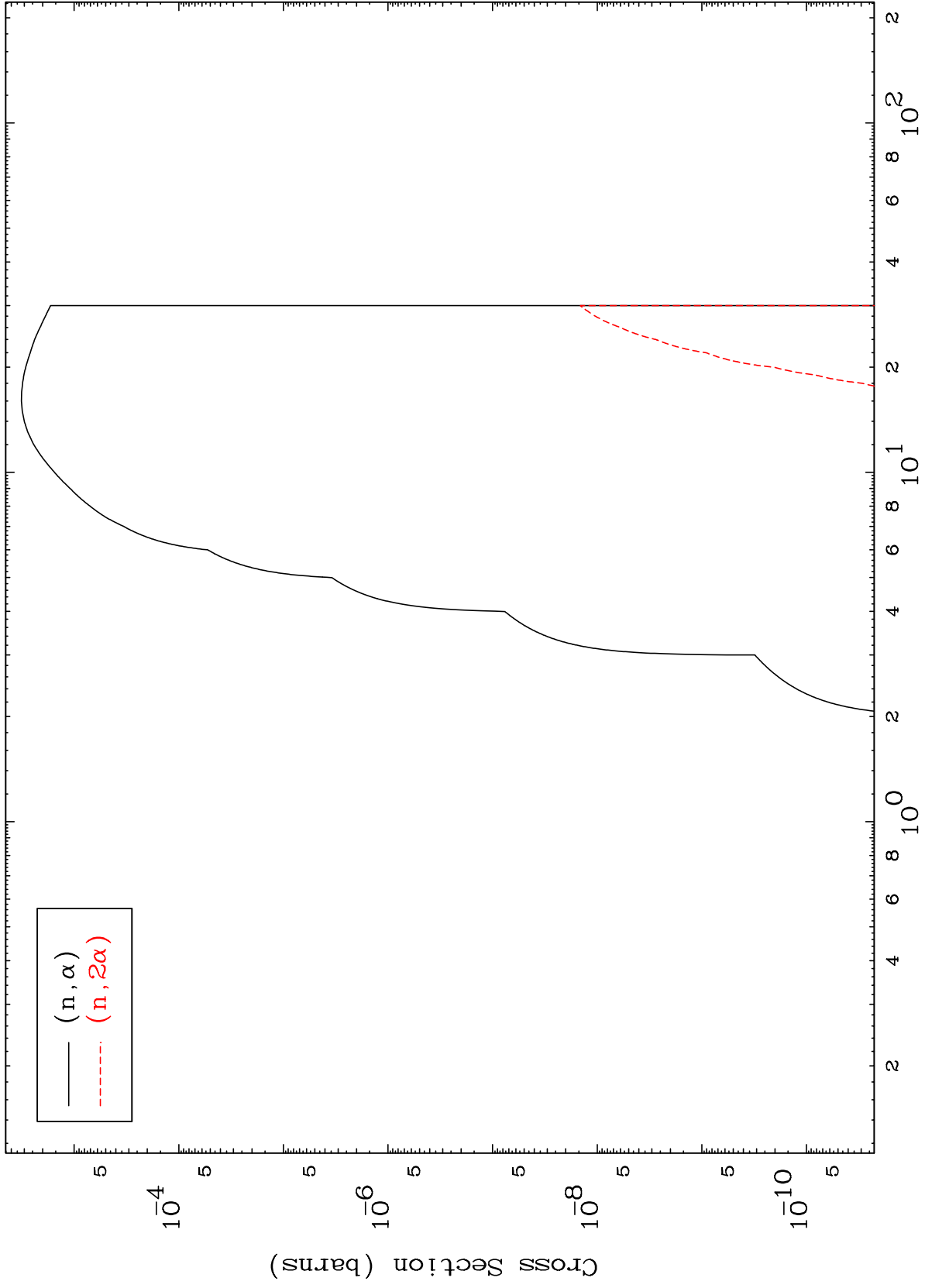
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(d, α) Levels
0 Kelvin Cross Sections

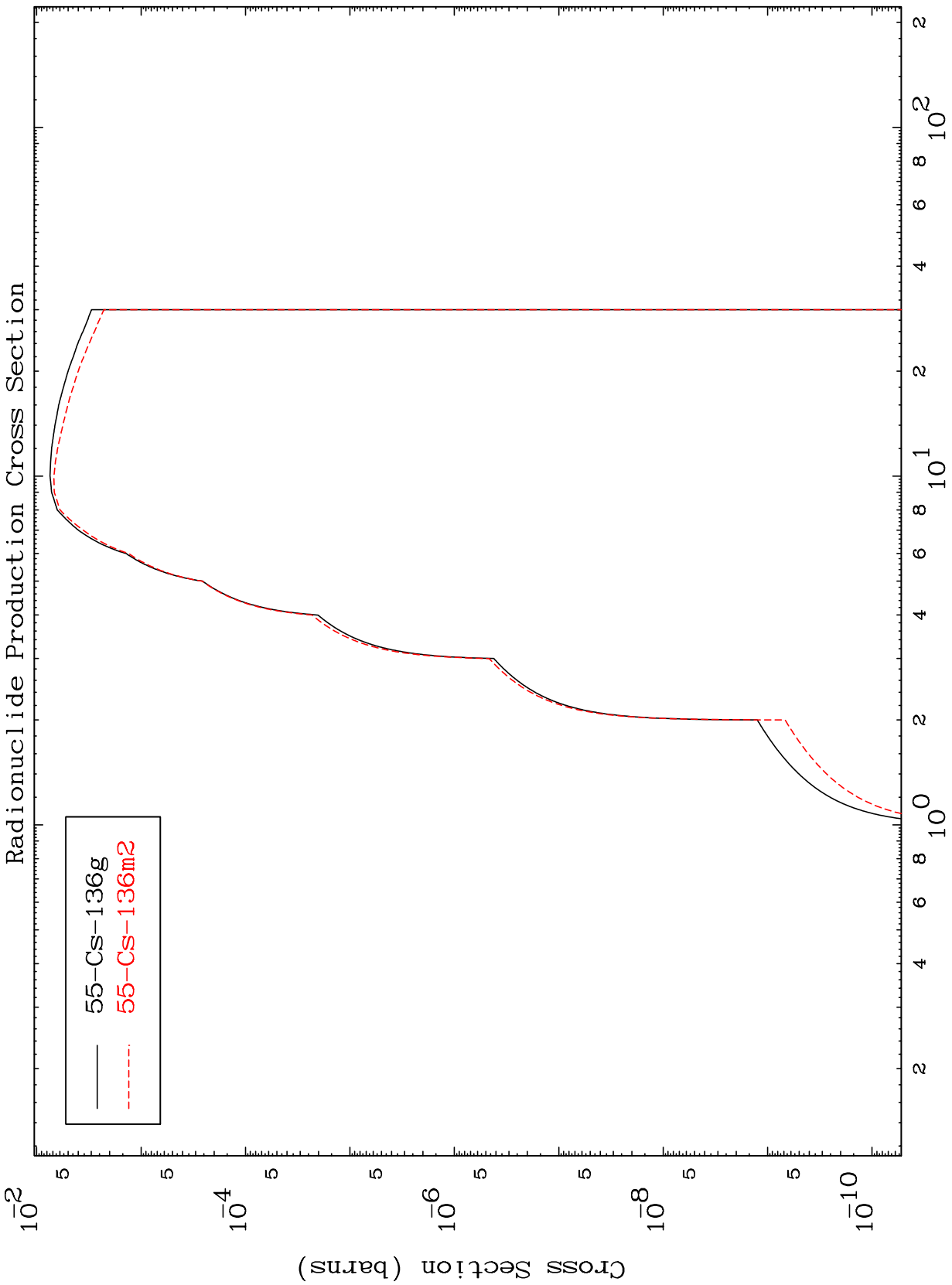
54-Xe-135m



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54-Xe-135m

Inelastic
Radionuclide Production Cross Section

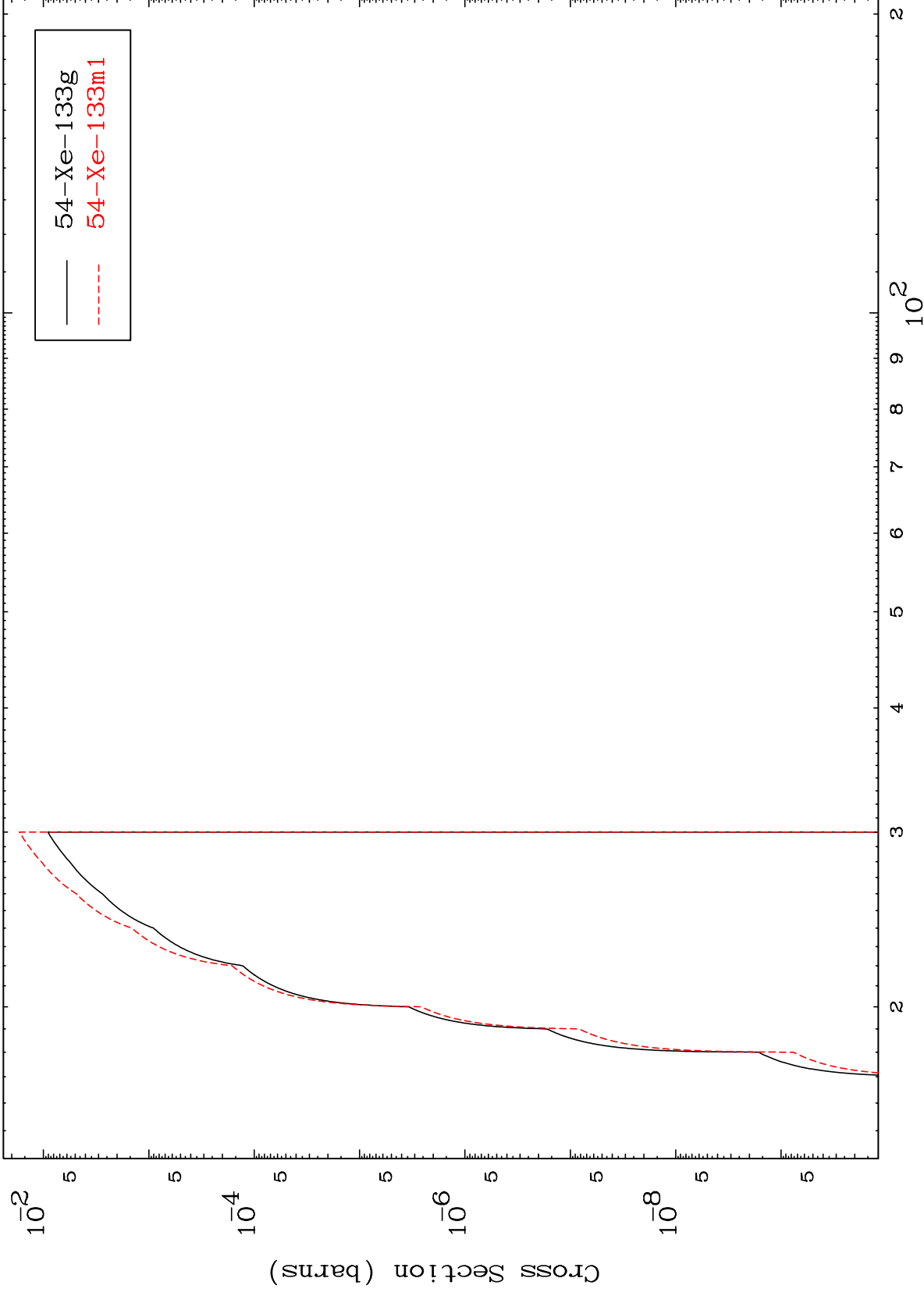


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(n,2n) d

54-Xe-135m

Radionuclide Production Cross Section



13

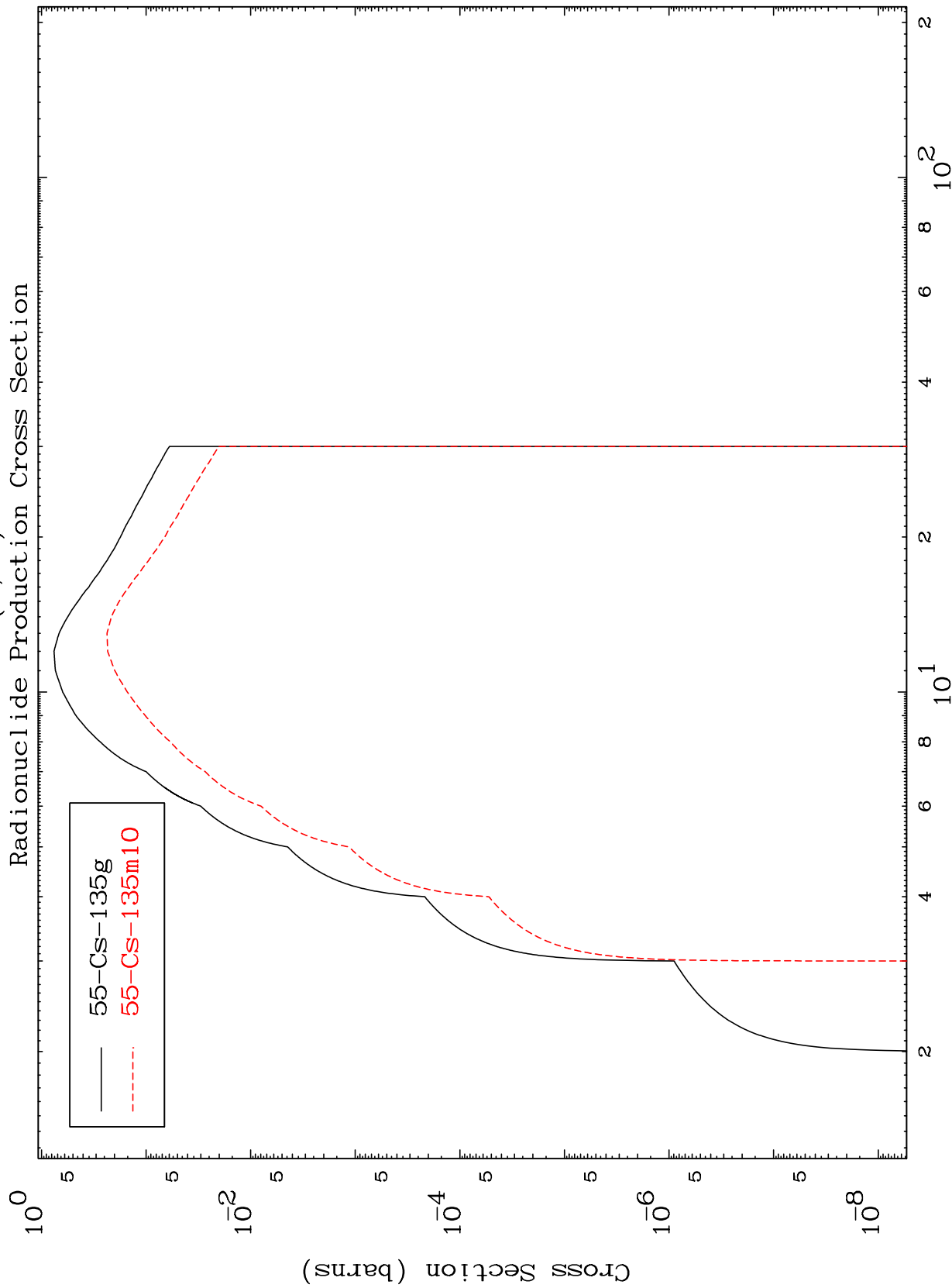
Incident Energy (MeV)

54-Xe-135m

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54-Xe-135m

Radionuclide Production Cross Section
(n,2n)



— 55-Cs-135g
- - - 55-Cs-135m10

54-Xe-135m

Incident Energy (MeV)

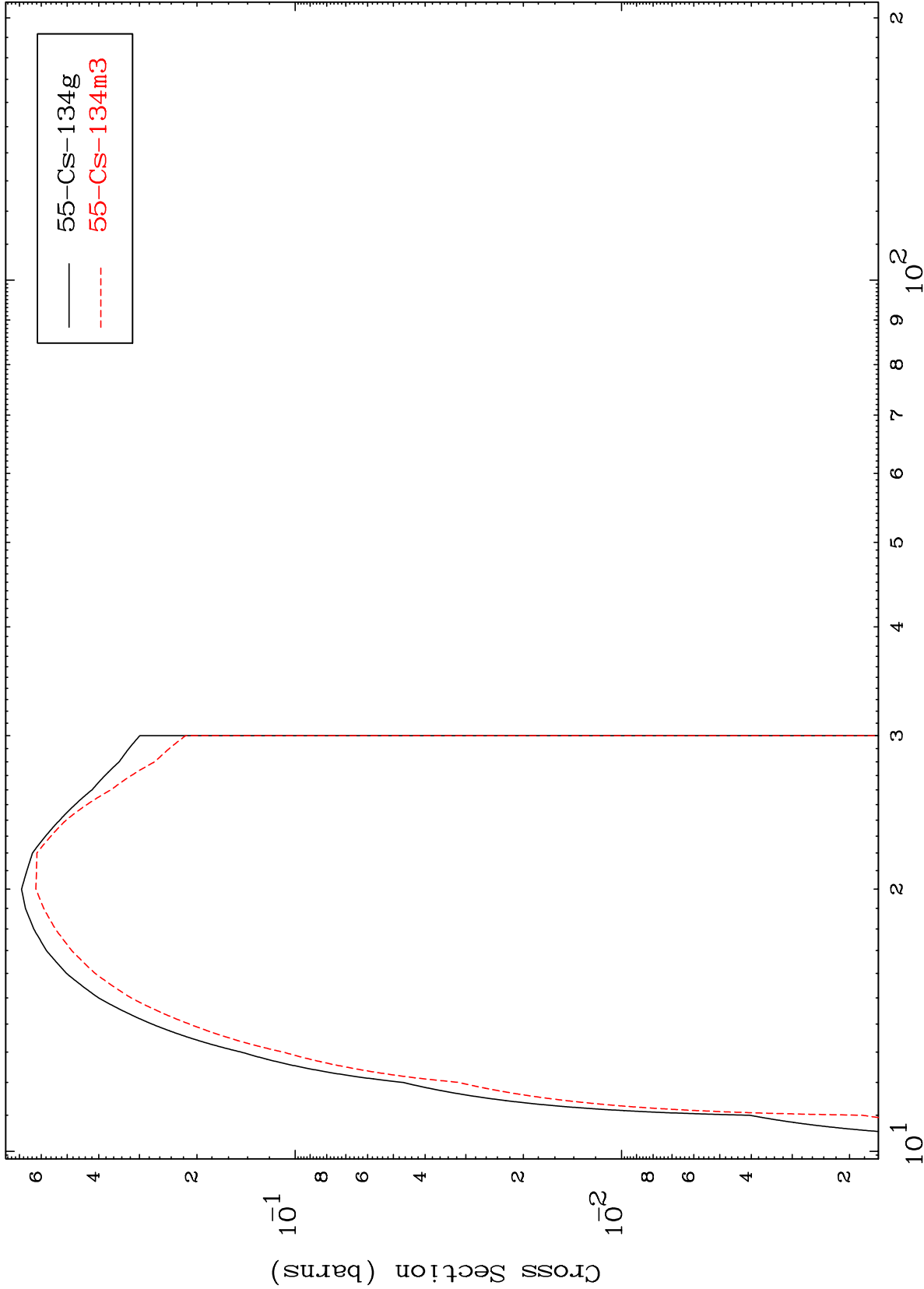
14

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(n,3n)

54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

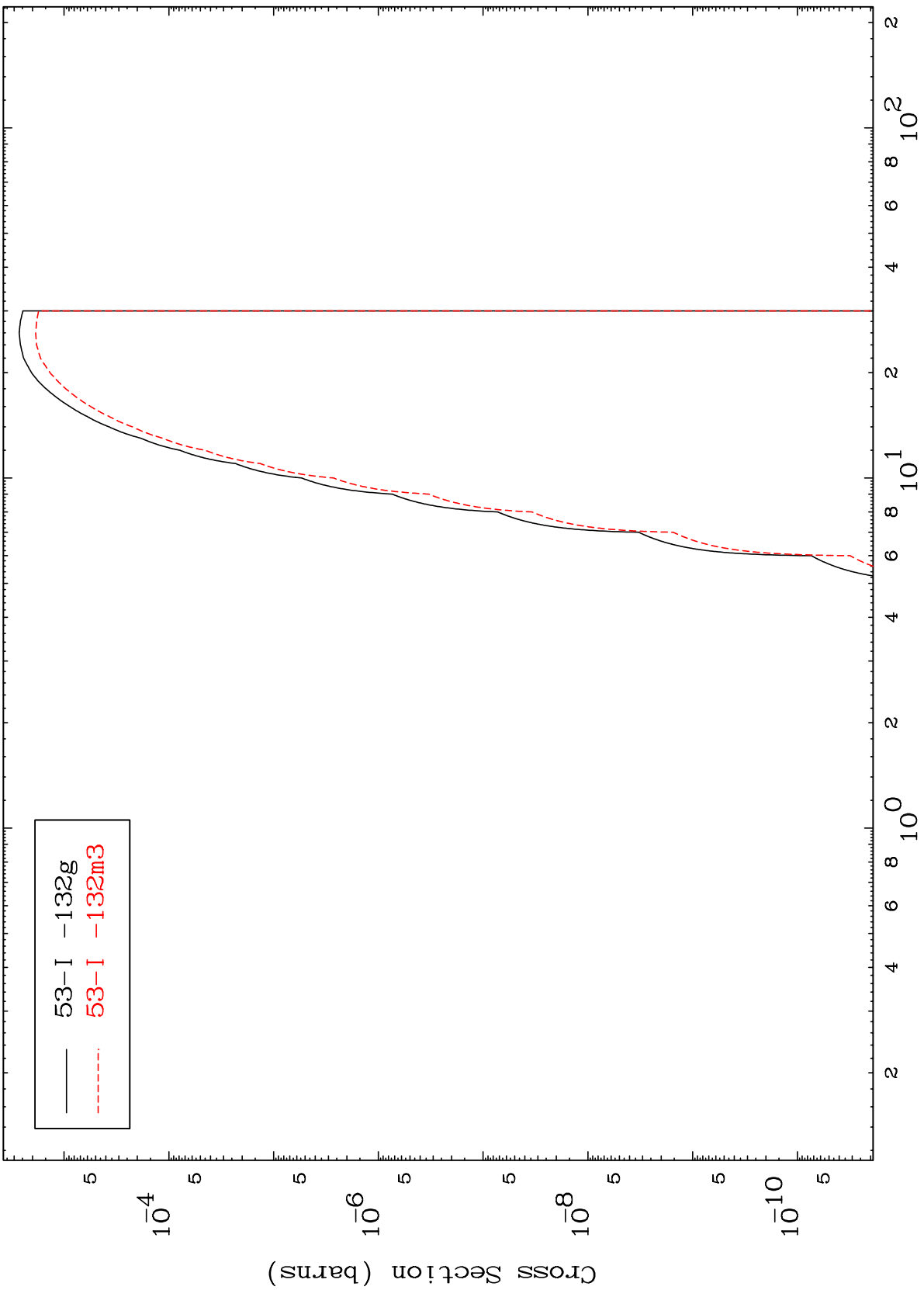
54-Xe-135m

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(n,n') α

54-Xe-135m

Radionuclide Production Cross Section



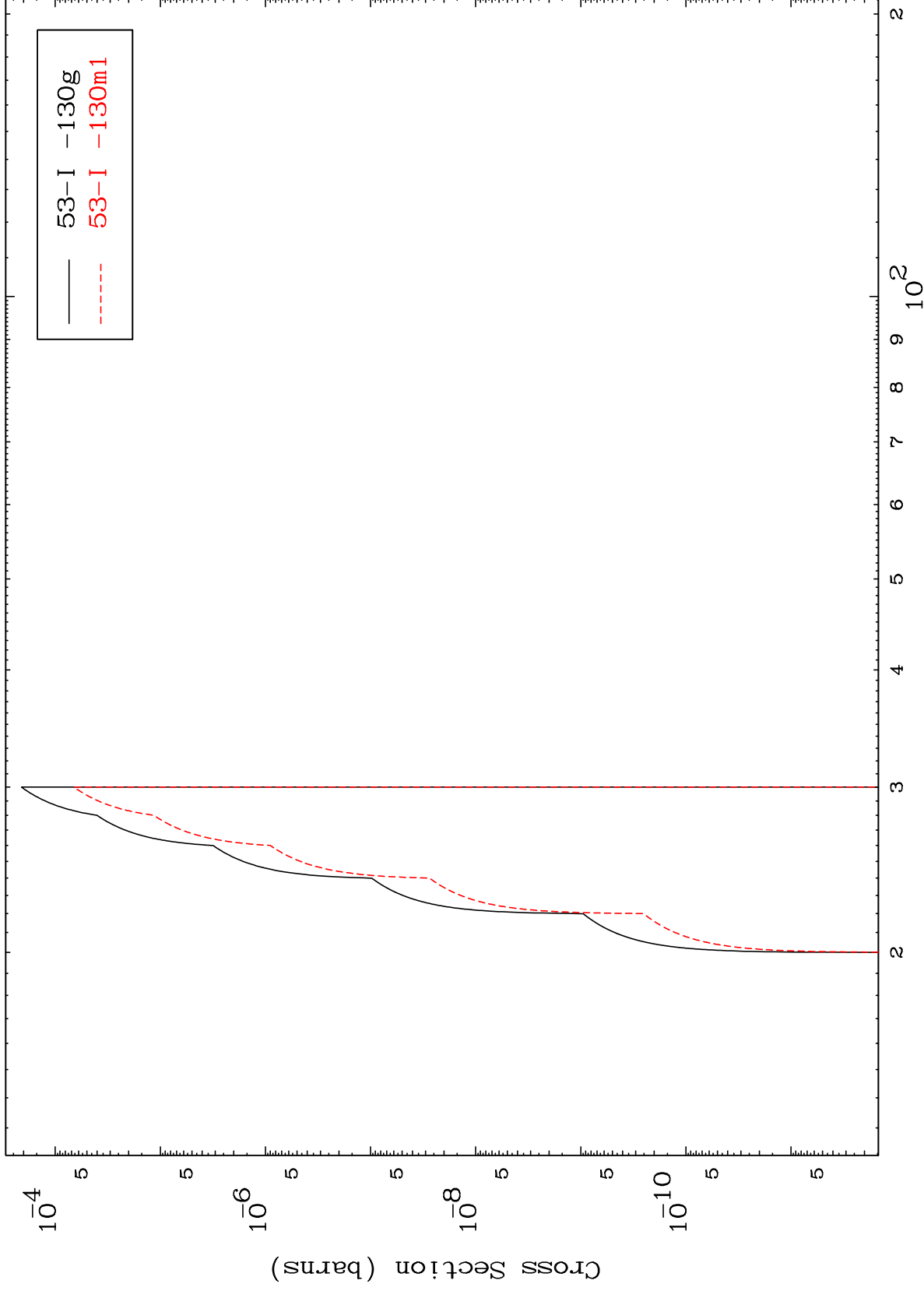
53-I -132g
53-I -132m3

MAT 5459

(n,3n) α

54-Xe-135m

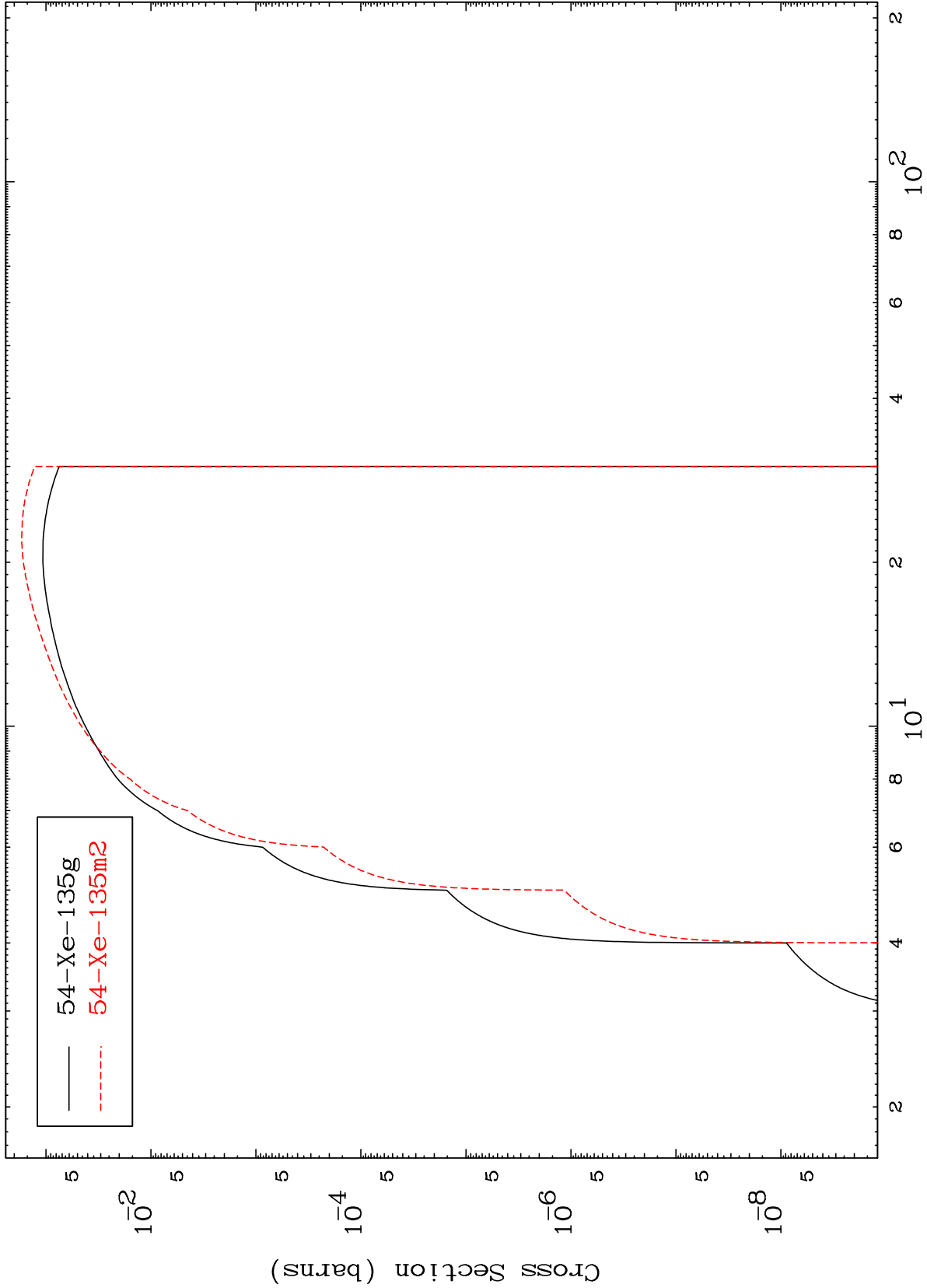
Radionuclide Production Cross Section



MAT 5459

54-Xe-135m

(n,n') p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

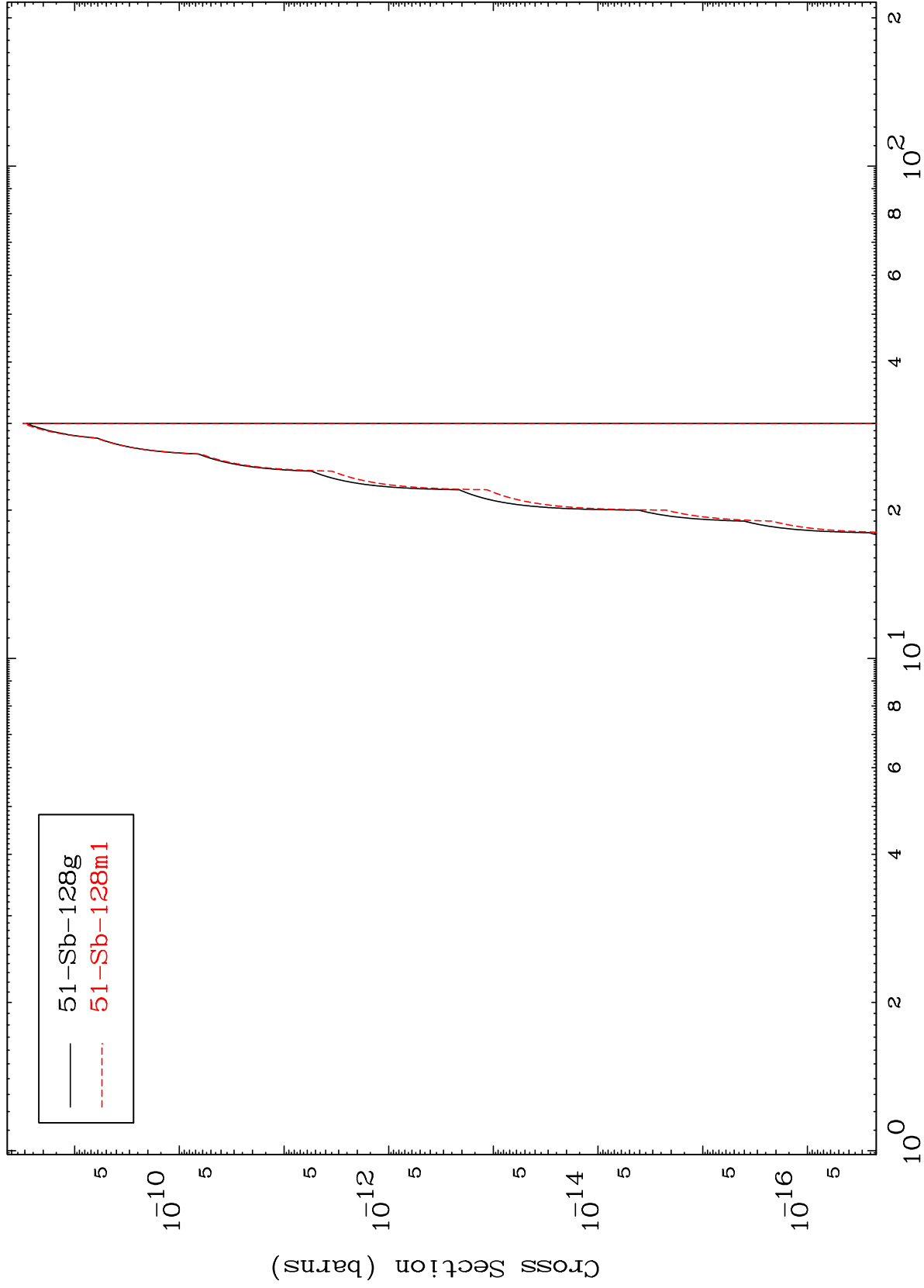
54-Xe-135m

MAT 5459

(n,n') 2α

54-Xe-135m

Radionuclide Production Cross Section



51-Sb-128g
51-Sb-128m1

19

Incident Energy (MeV)

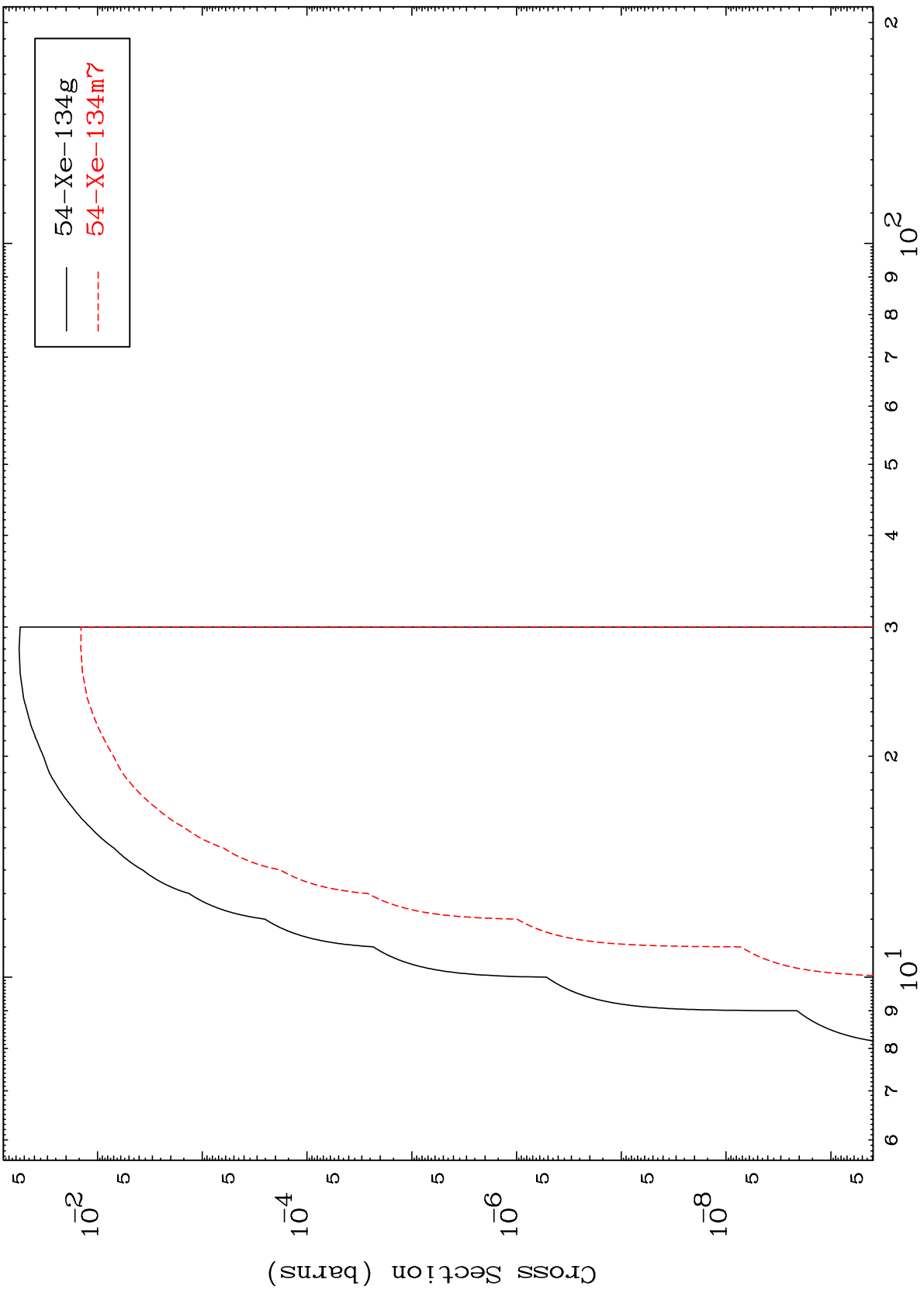
54-Xe-135m

MAT 5459

54-Xe-135m

(n,n') d

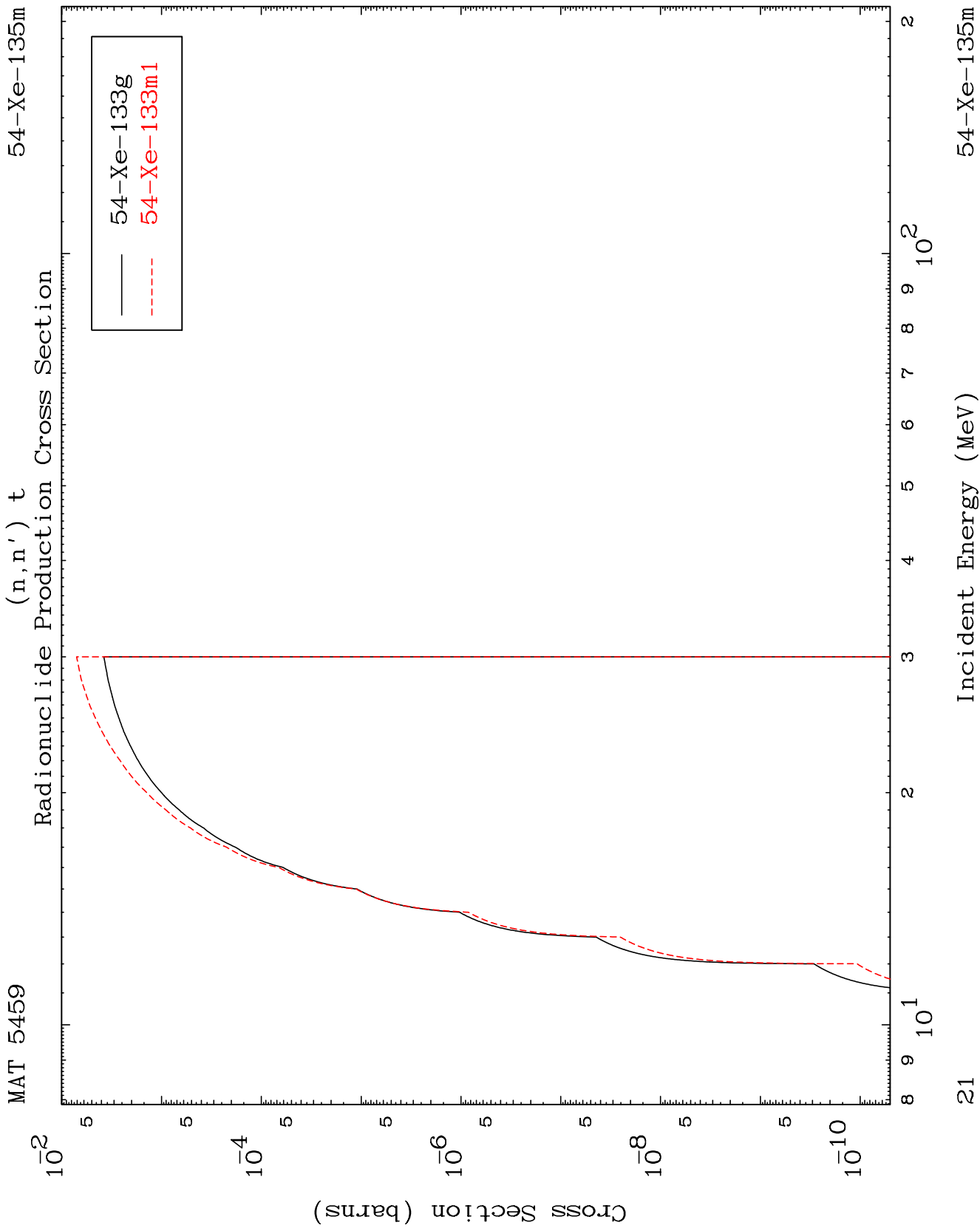
Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-135m

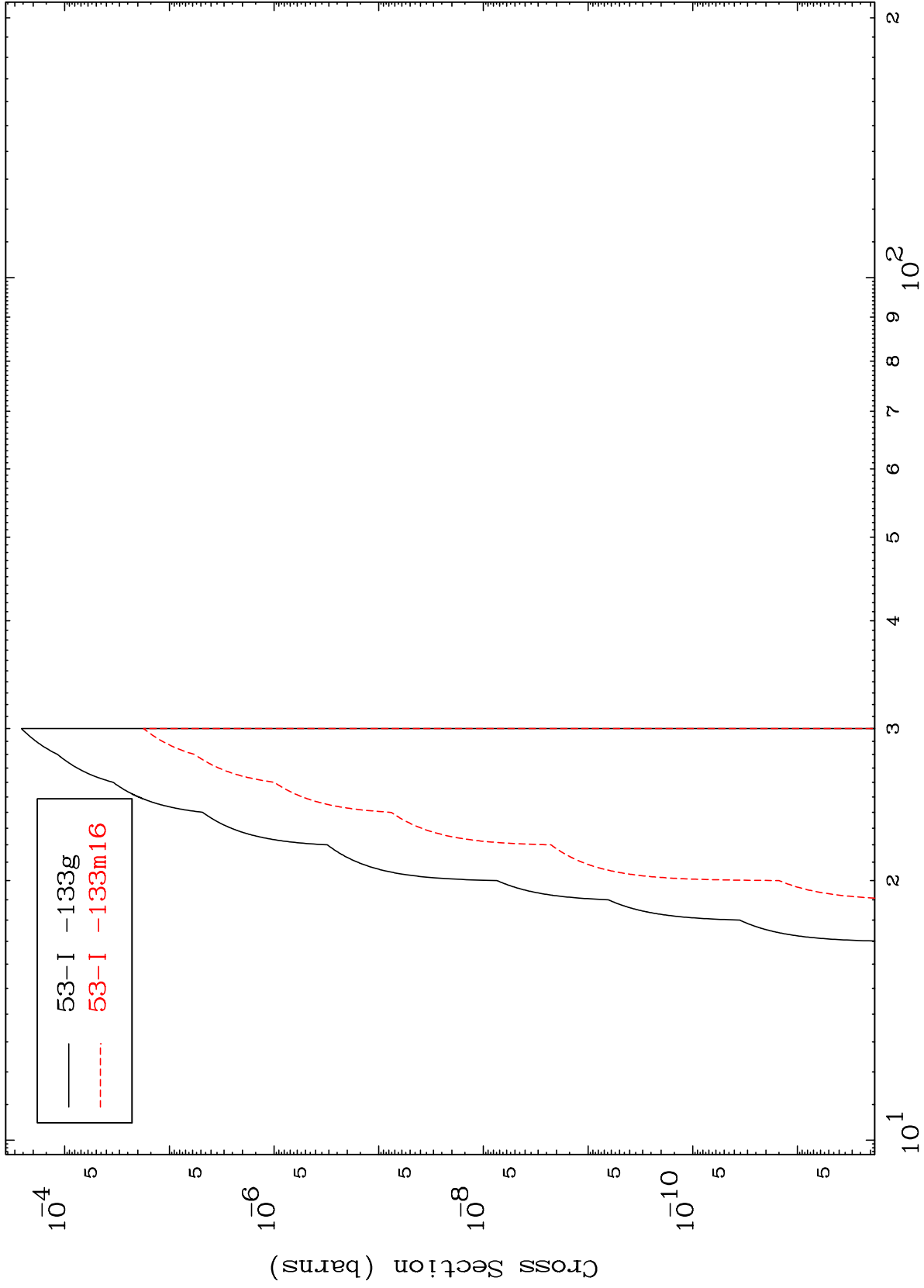


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(n,n') He-3

54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135m

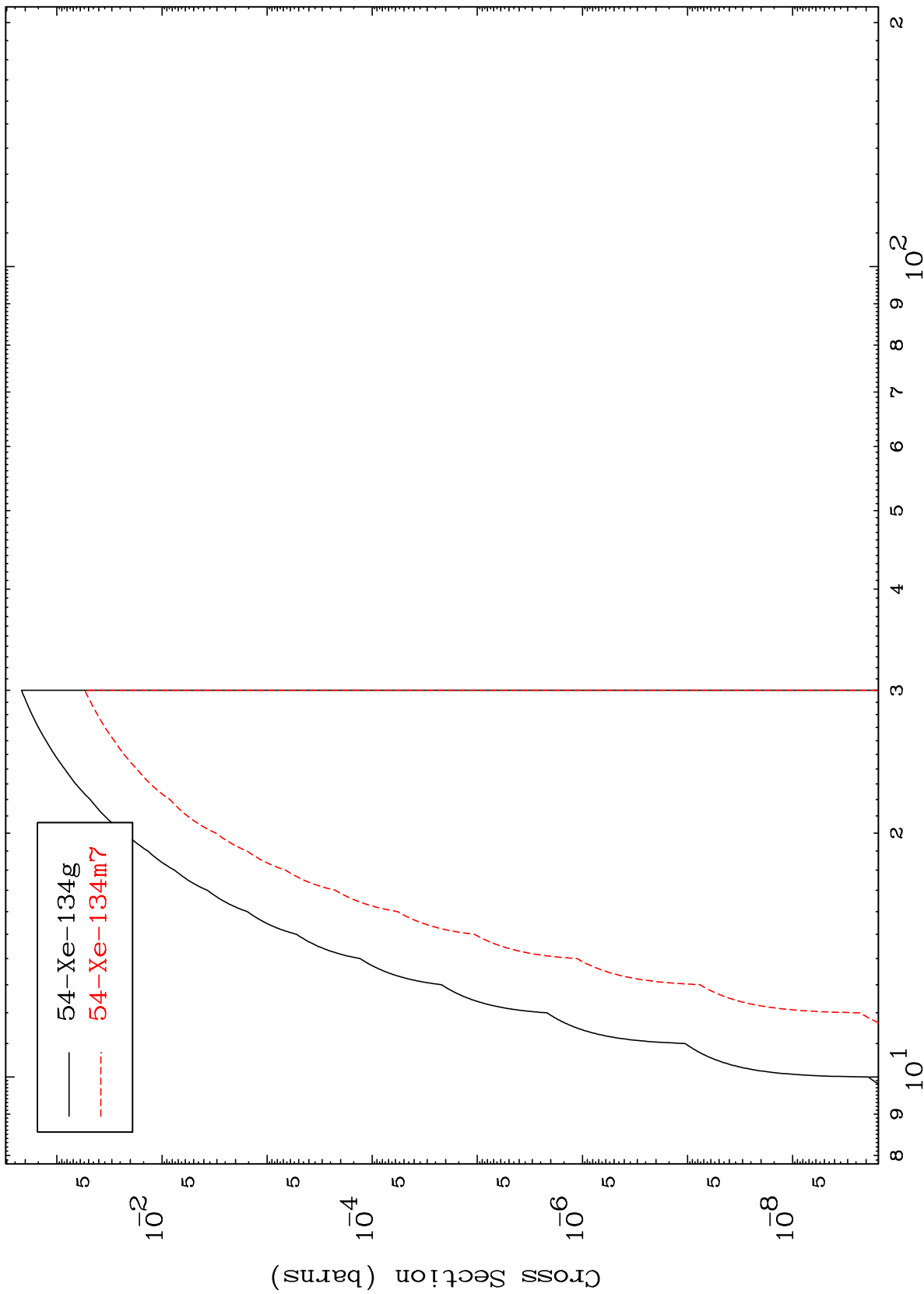
22

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(n,2n) p

54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

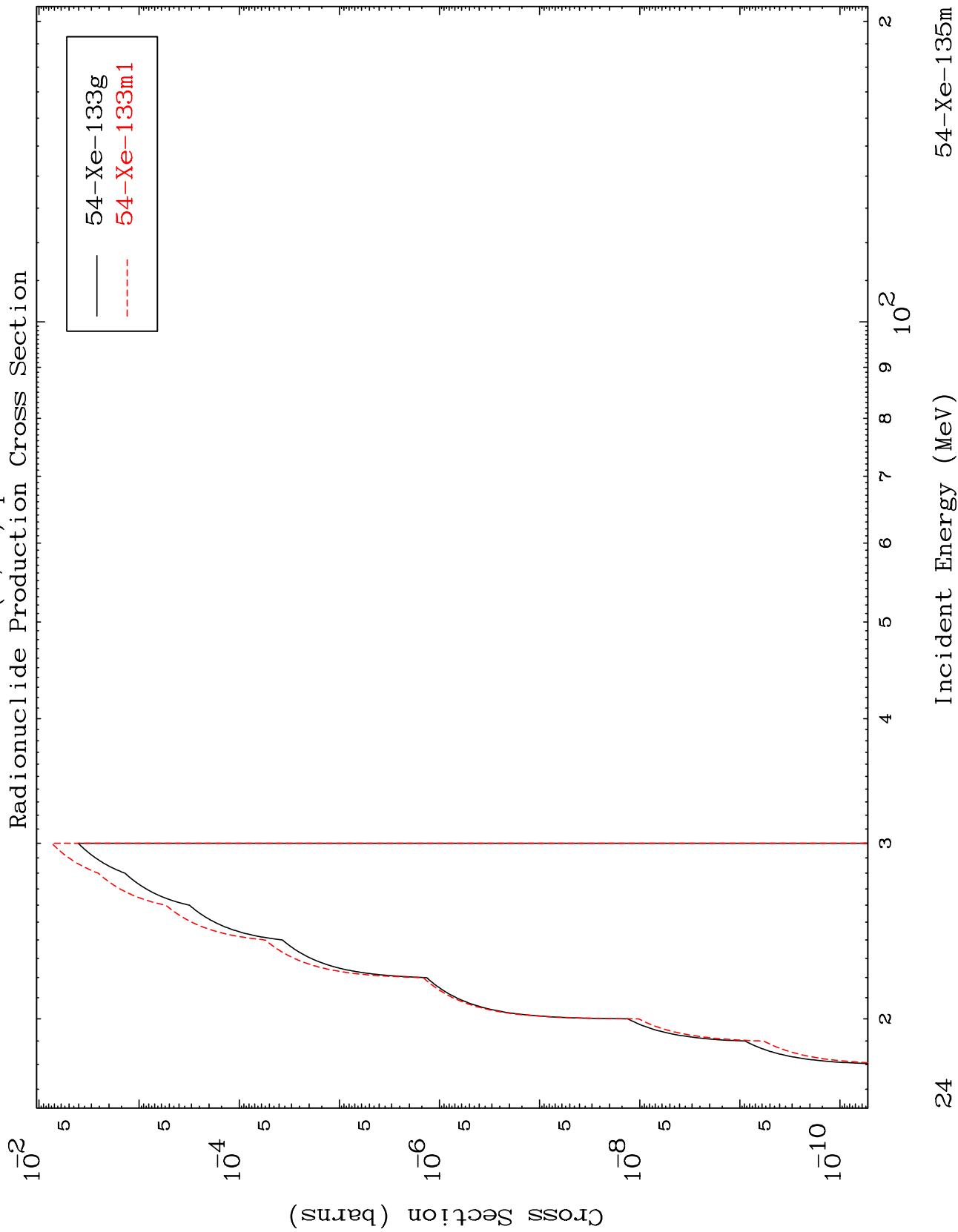
54-Xe-135m

23

MAT 5459

(n,3n) p

54-Xe-135m



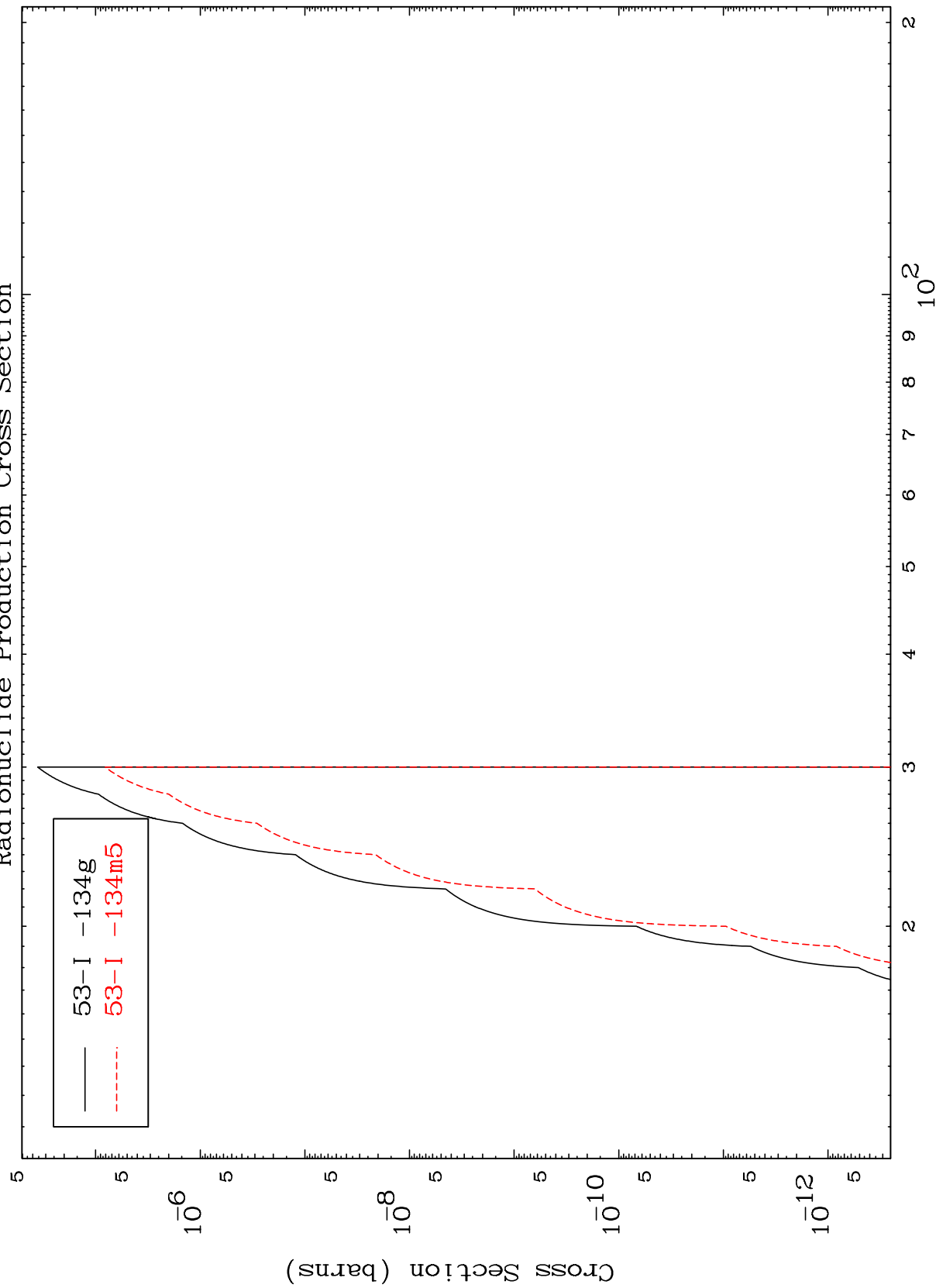
24

54-Xe-135m

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54-Xe-135m

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135m

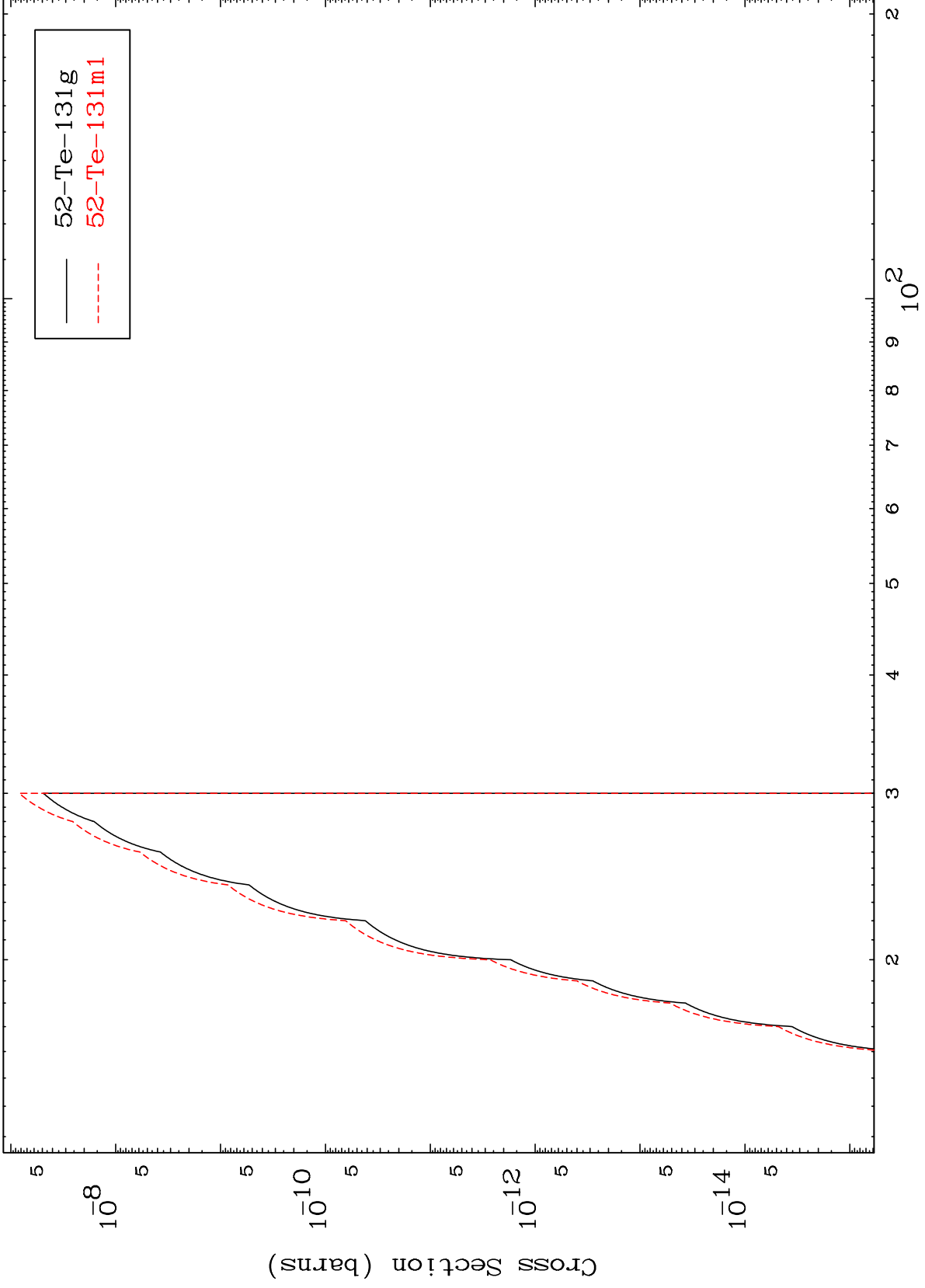
25

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(n,n') p α

54-Xe-135m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

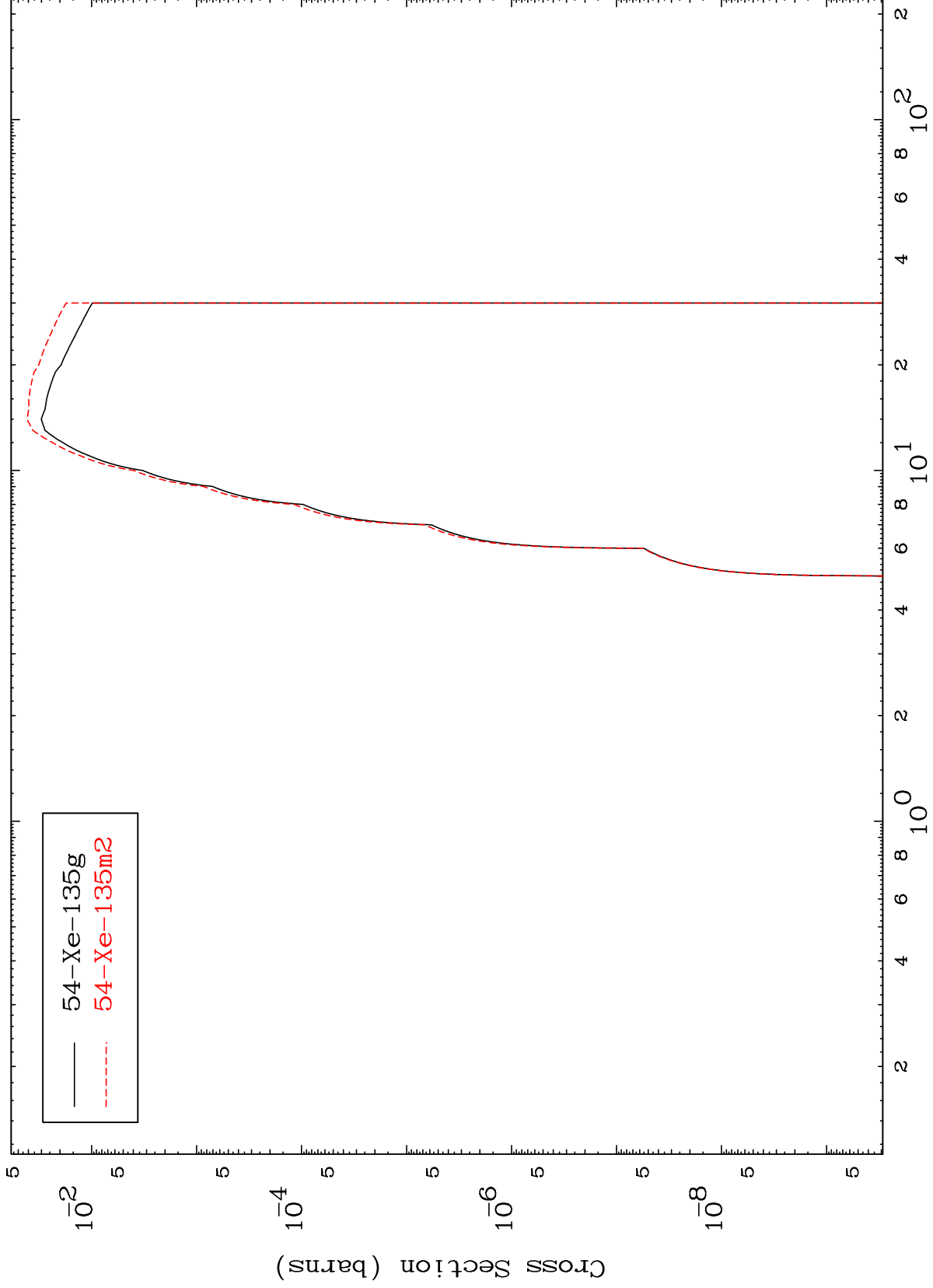
54-Xe-135m

MAT 5459

(n,d)

54-Xe-135m

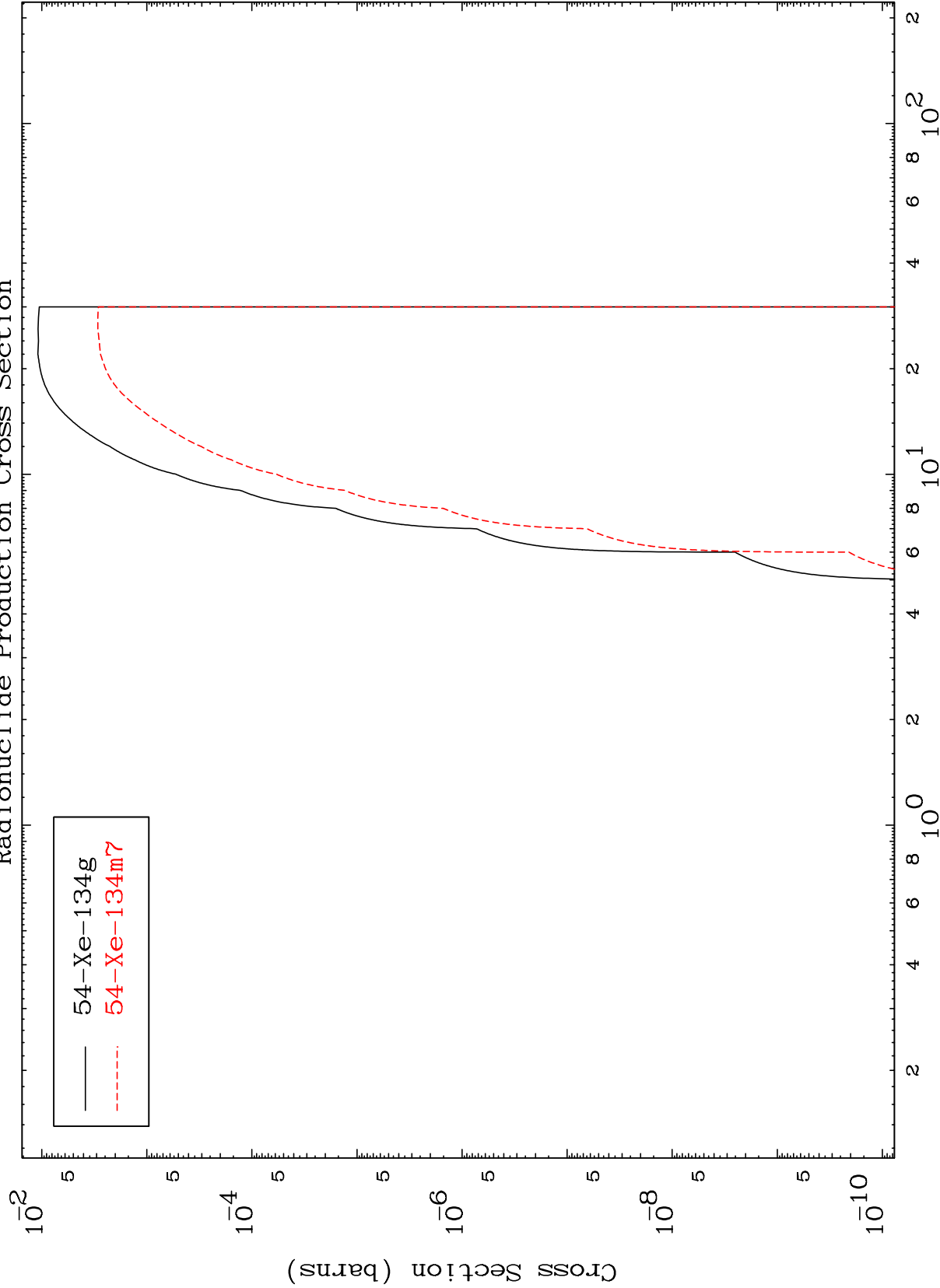
Radionuclide Production Cross Section



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54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

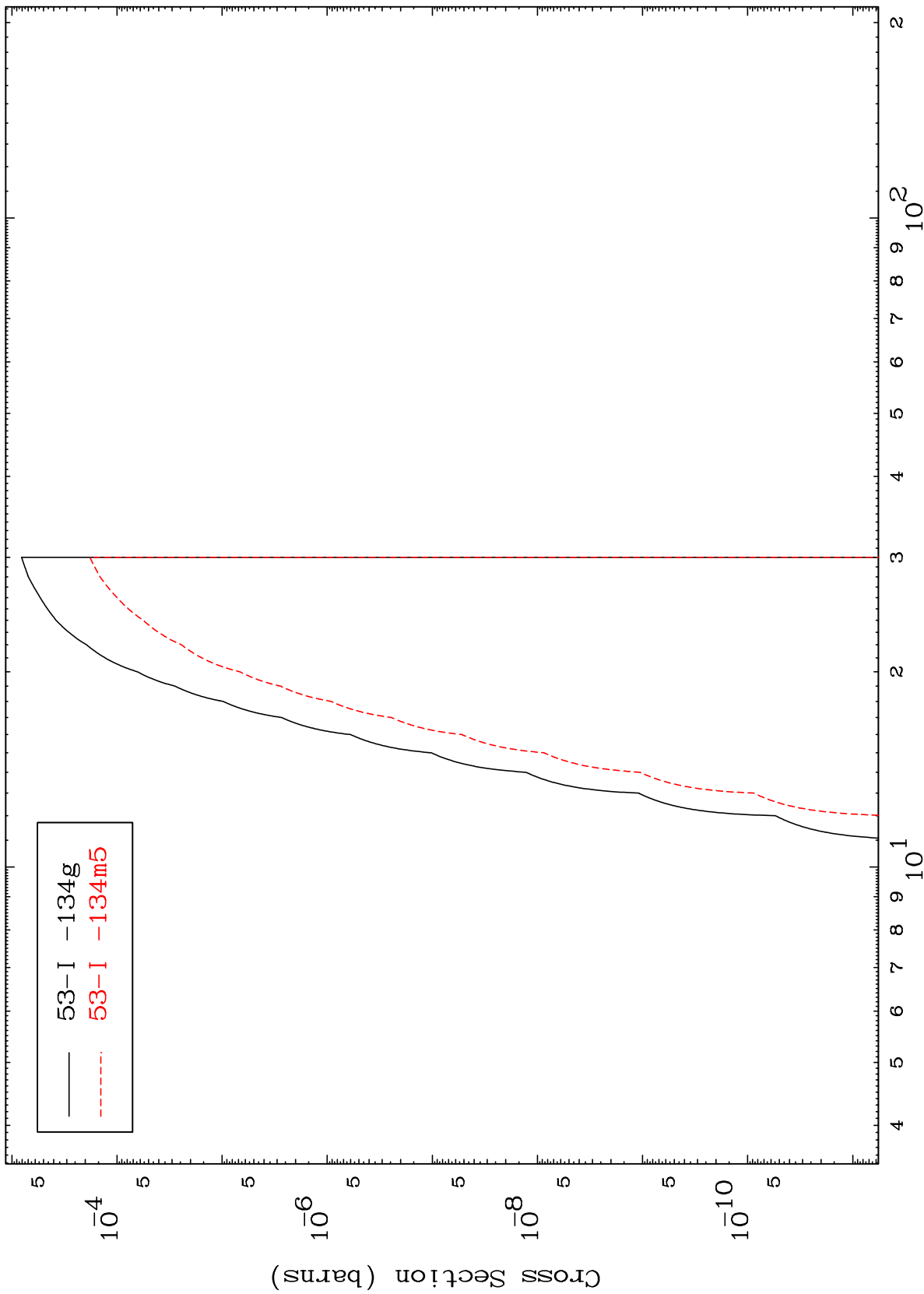
54-Xe-135m

28

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54-Xe-135m

(n,He-3)
Radionuclide Production Cross Section



29

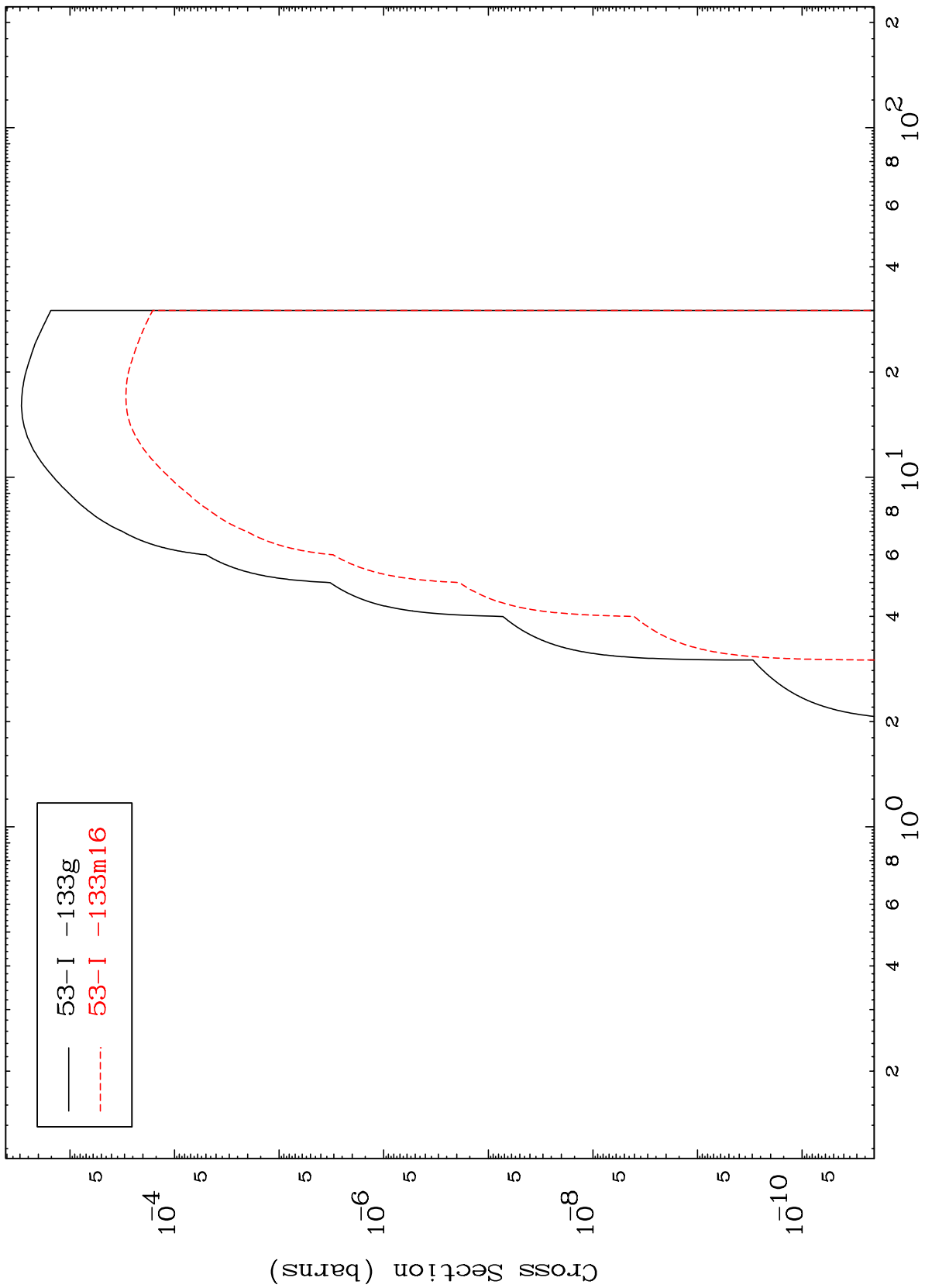
54-Xe-135m

Incident Energy (MeV)

MAT 5459

54-Xe-135m

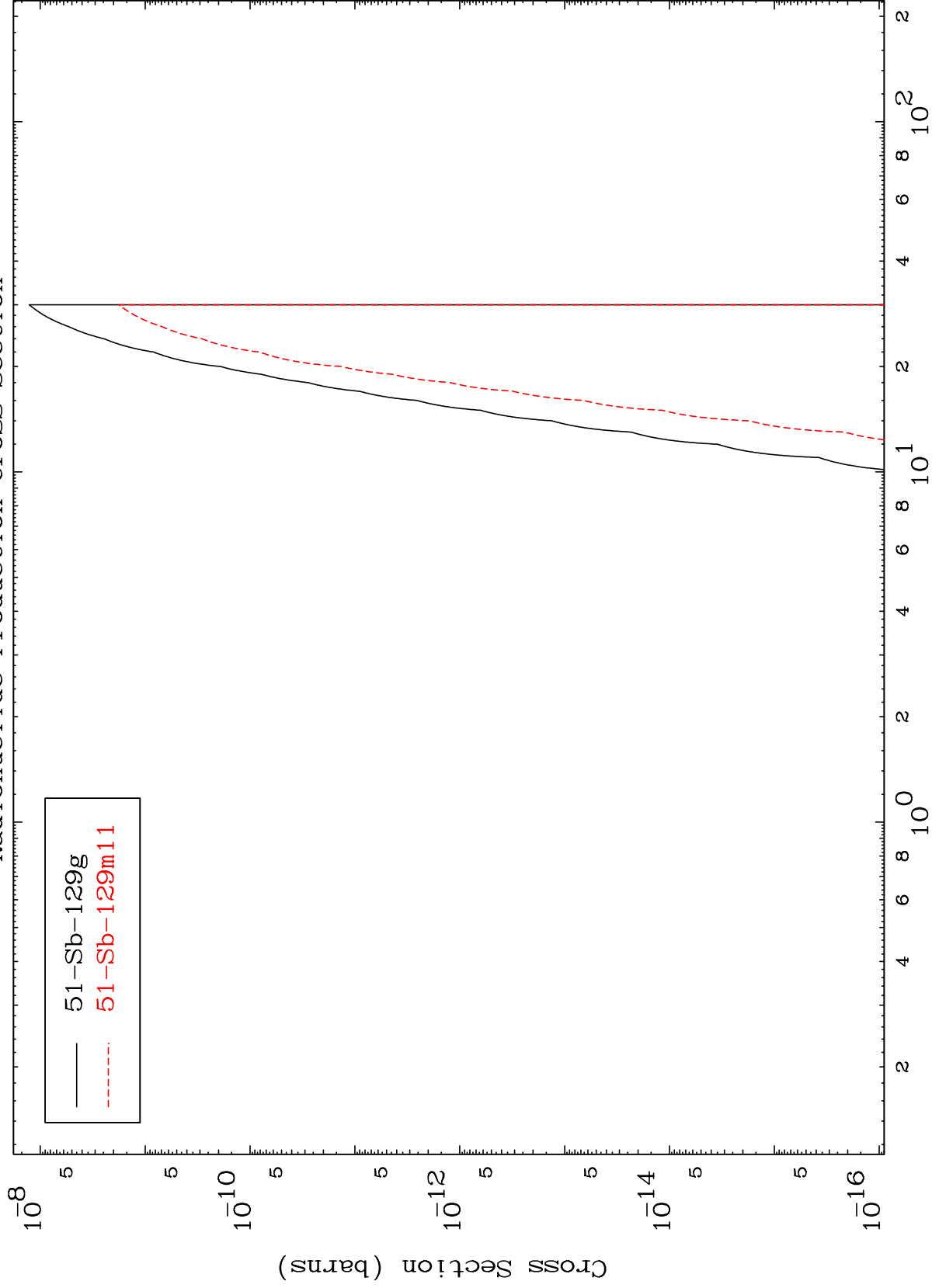
Radionuclide Production Cross Section



MAT 5459

54-Xe-135m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

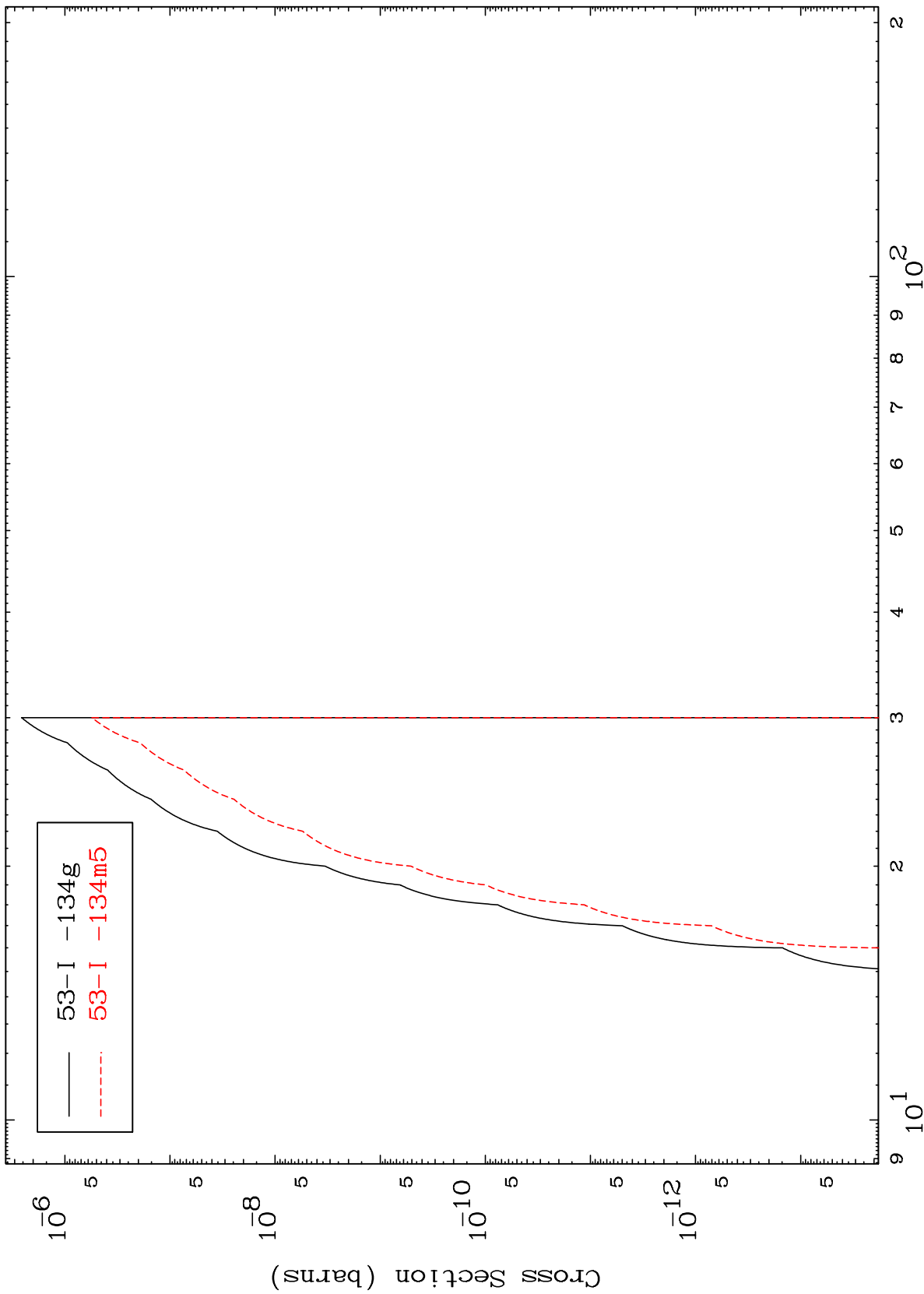
54-Xe-135m

MAT 5459

(n,p) d

54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135m

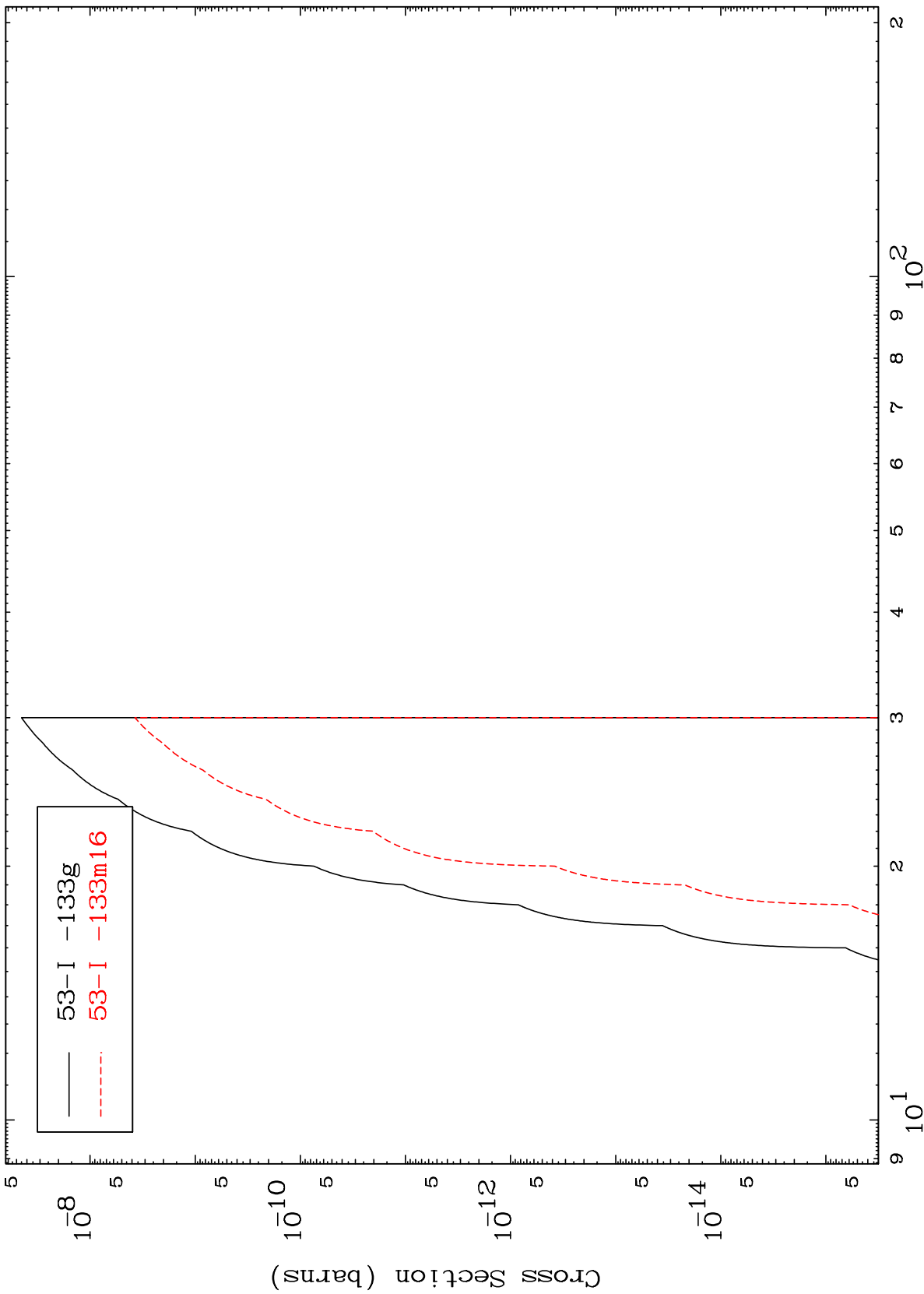
32

MAT 5459

(n,p) t

54-Xe-135m

Radionuclide Production Cross Section



53-I-133g
53-I-133m16

Incident Energy (MeV)

54-Xe-135m

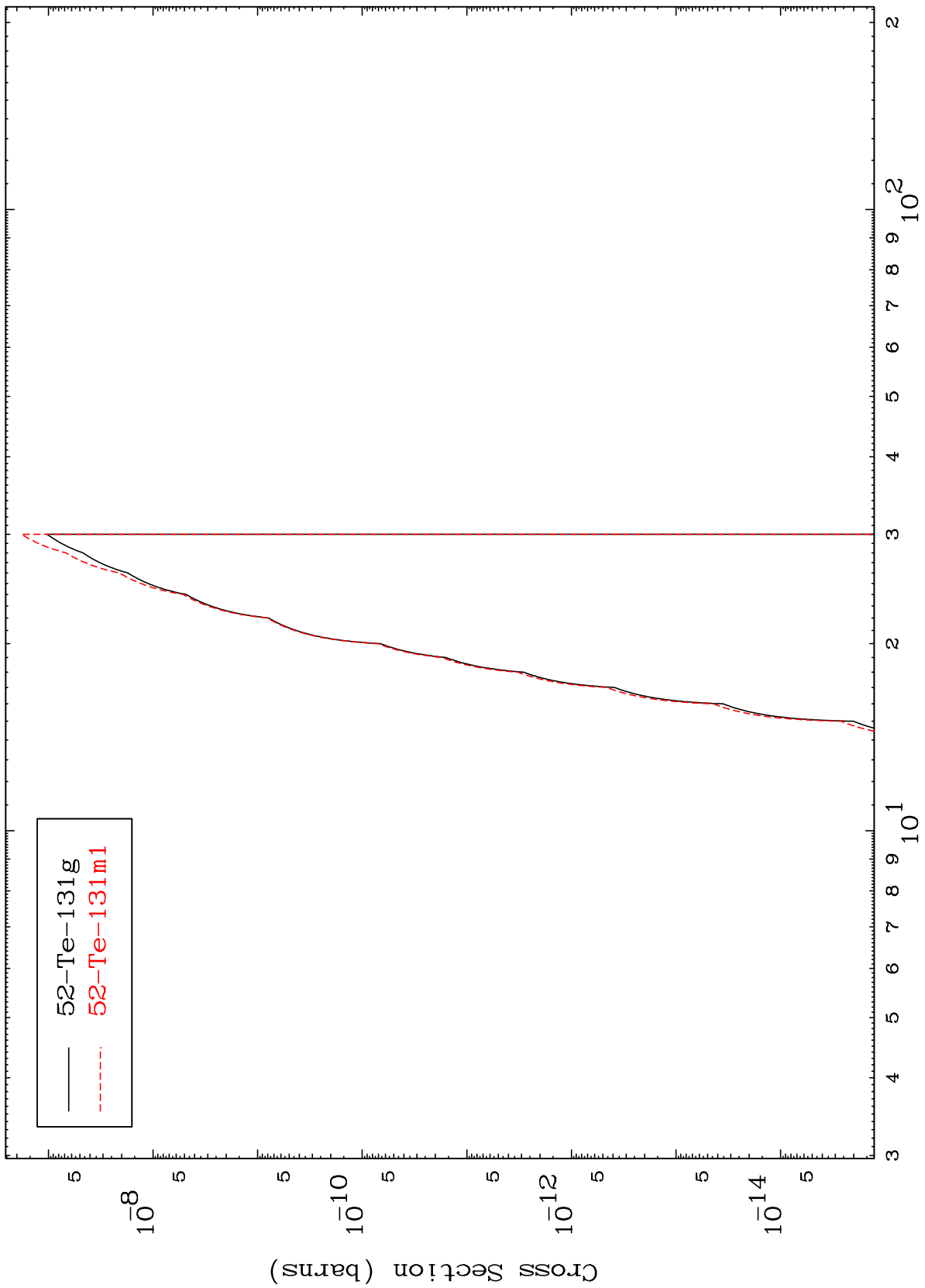
33

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(n,d) α

54-Xe-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135m

34