

Program EVALPLOT
(Version 2021-1)

by

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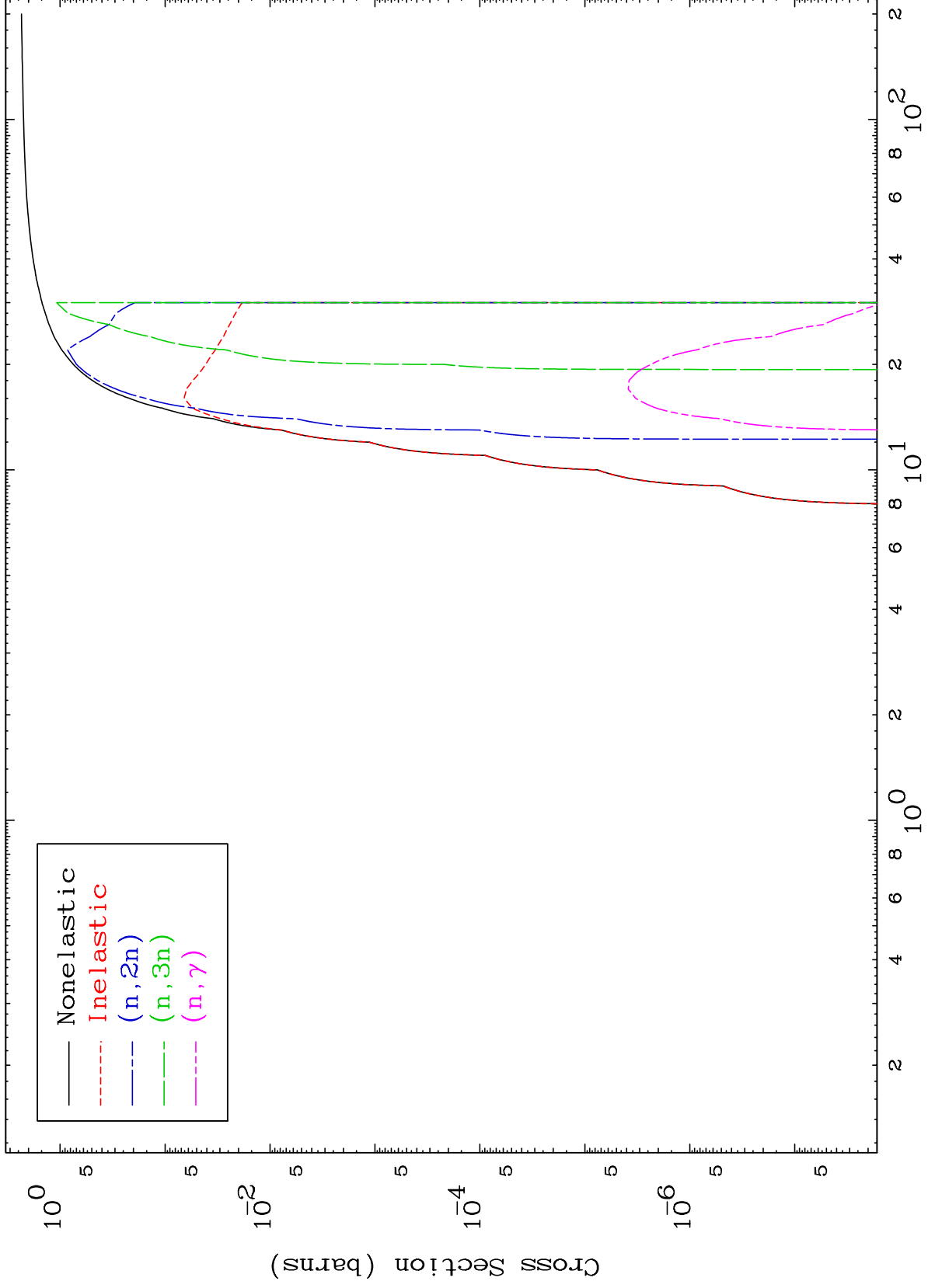
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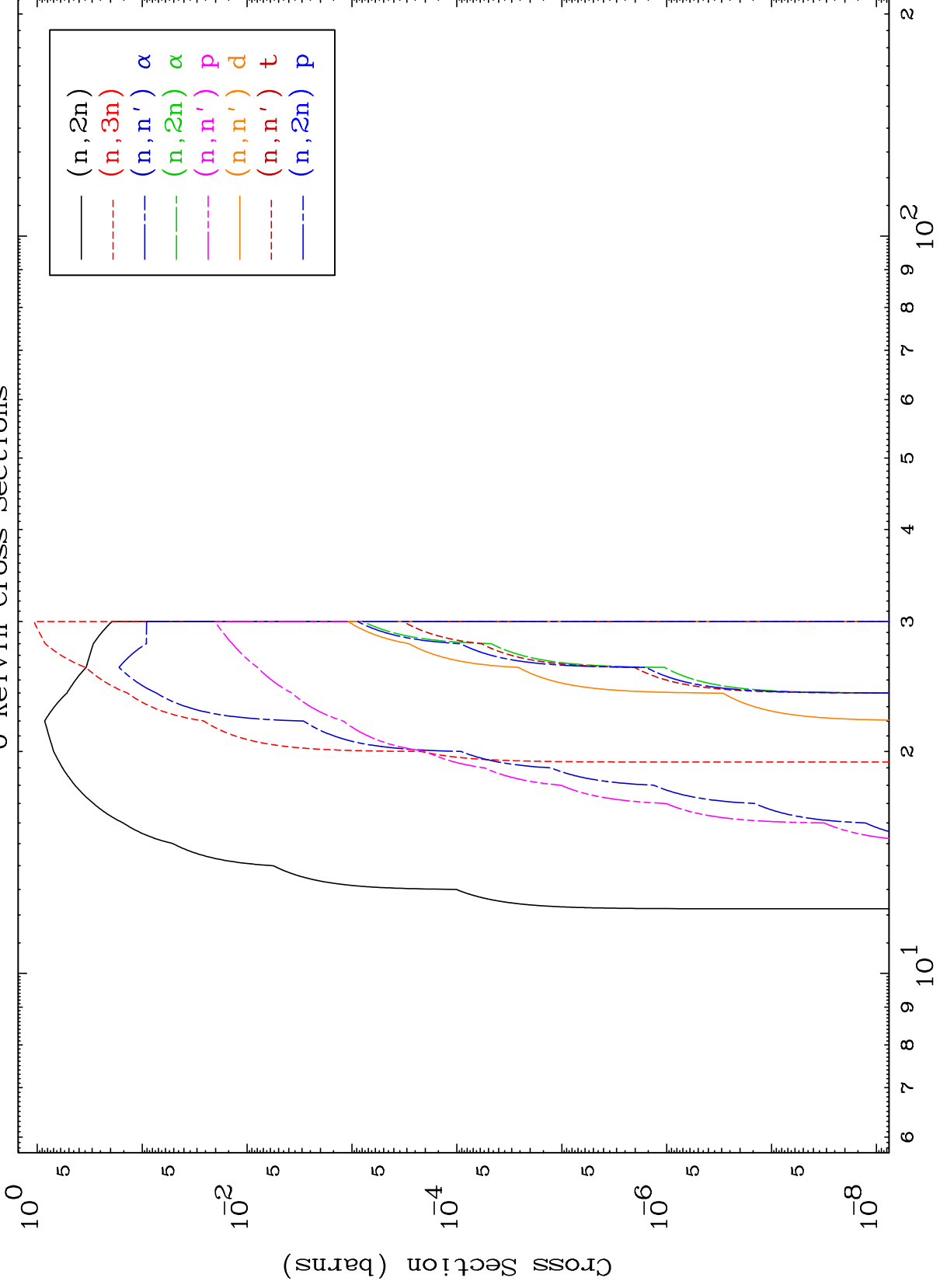
Press Mouse Button to Start

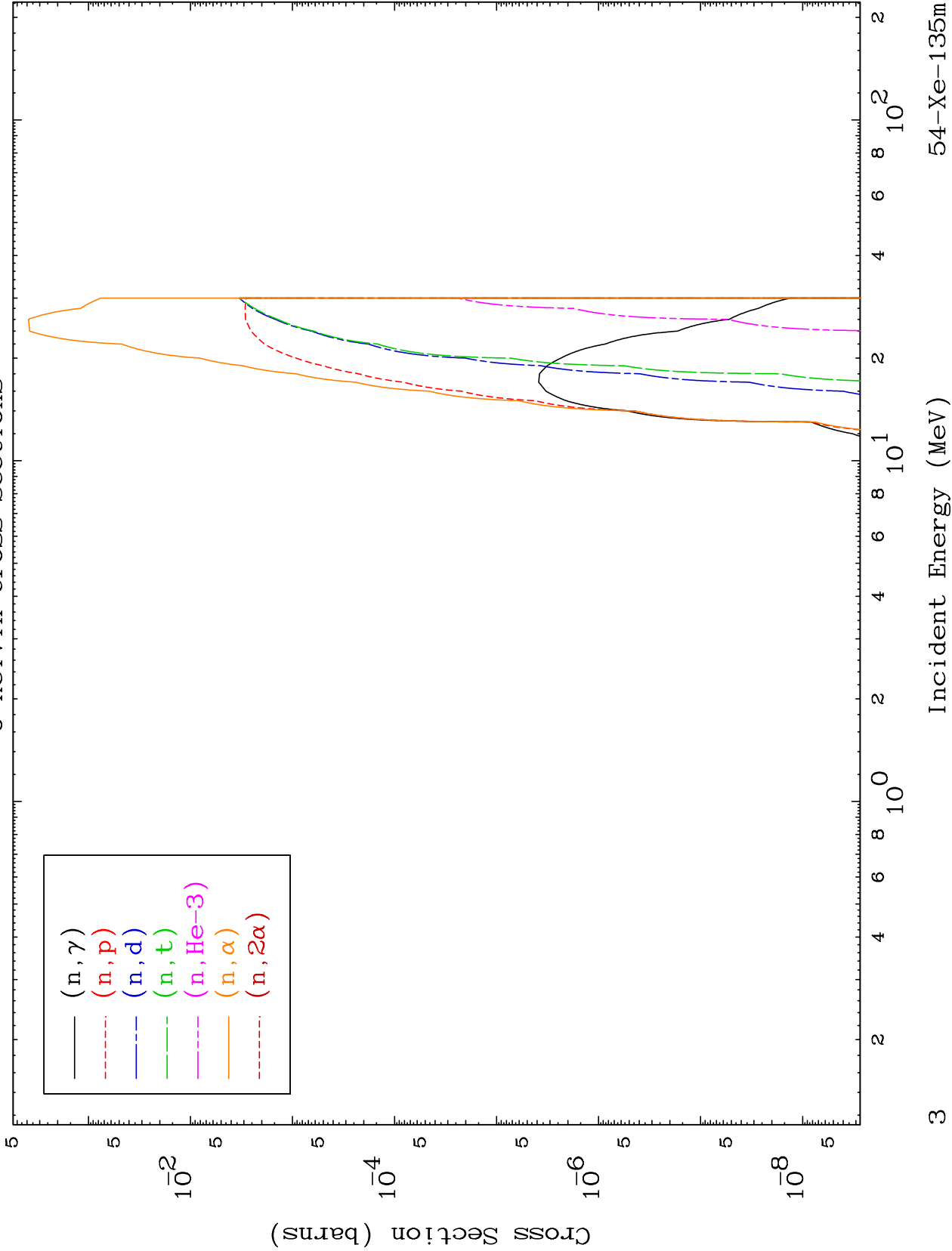
MAT 5459

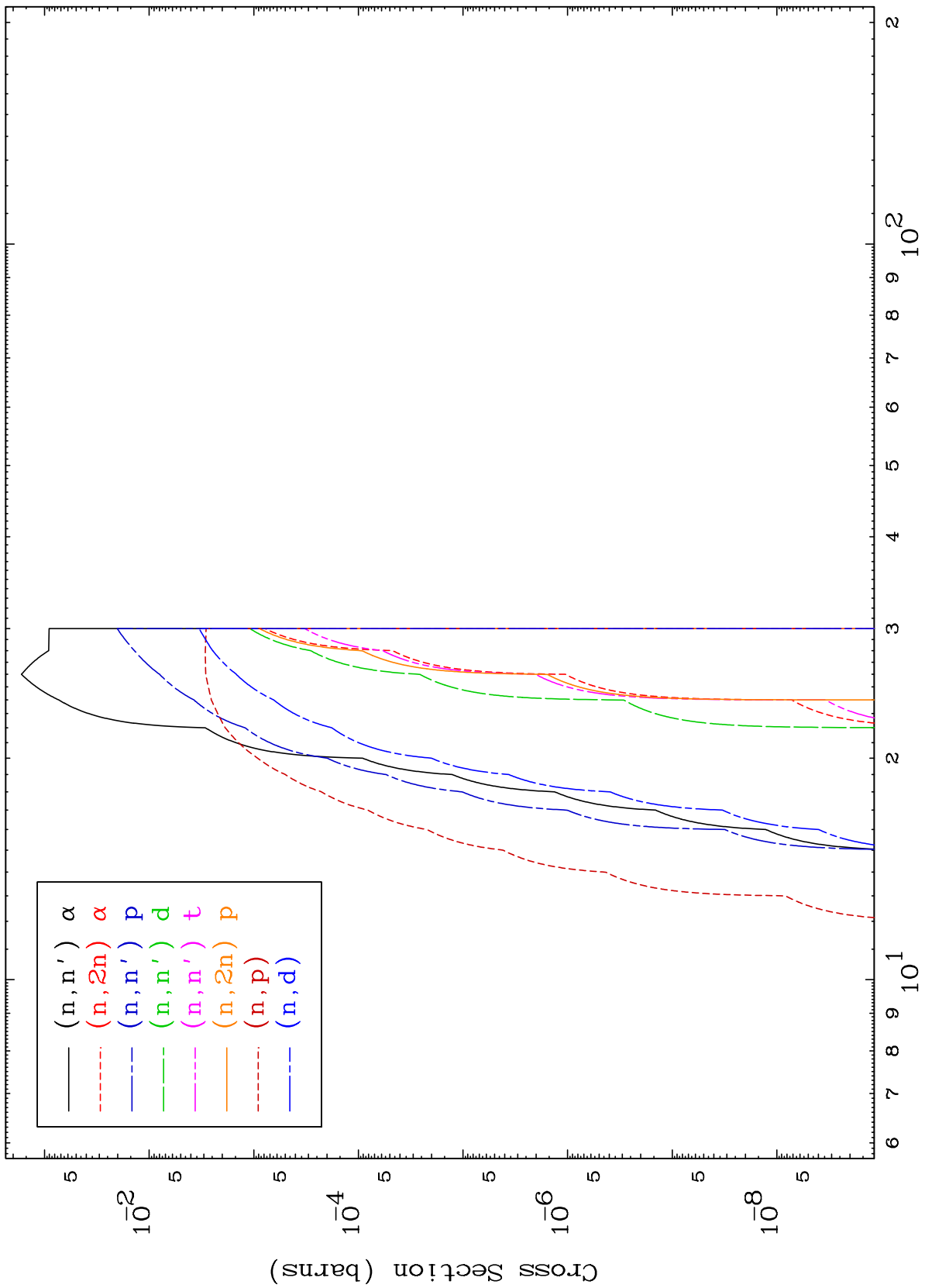
0 Kelvin α Major Cross Sections

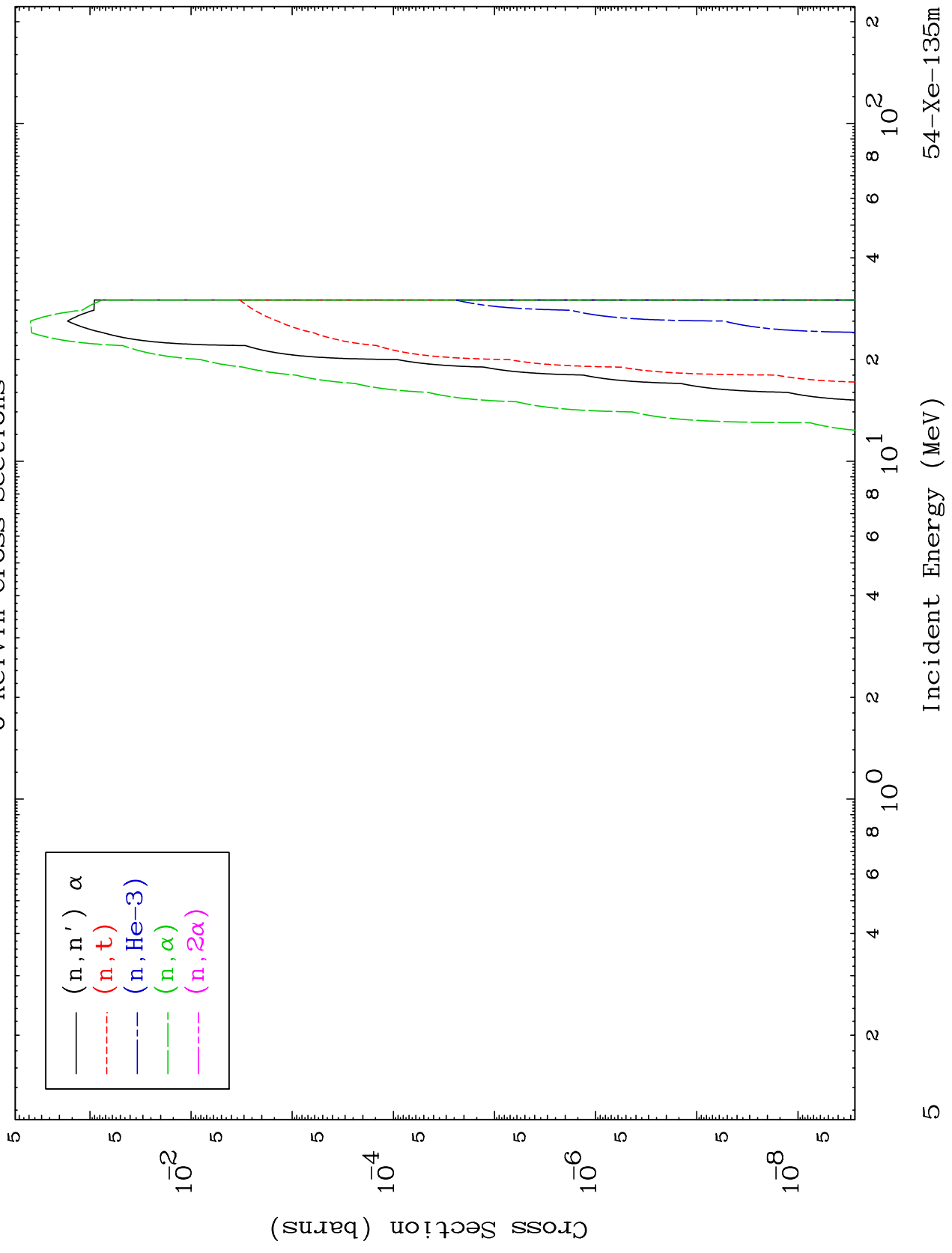
54-Xe-135m









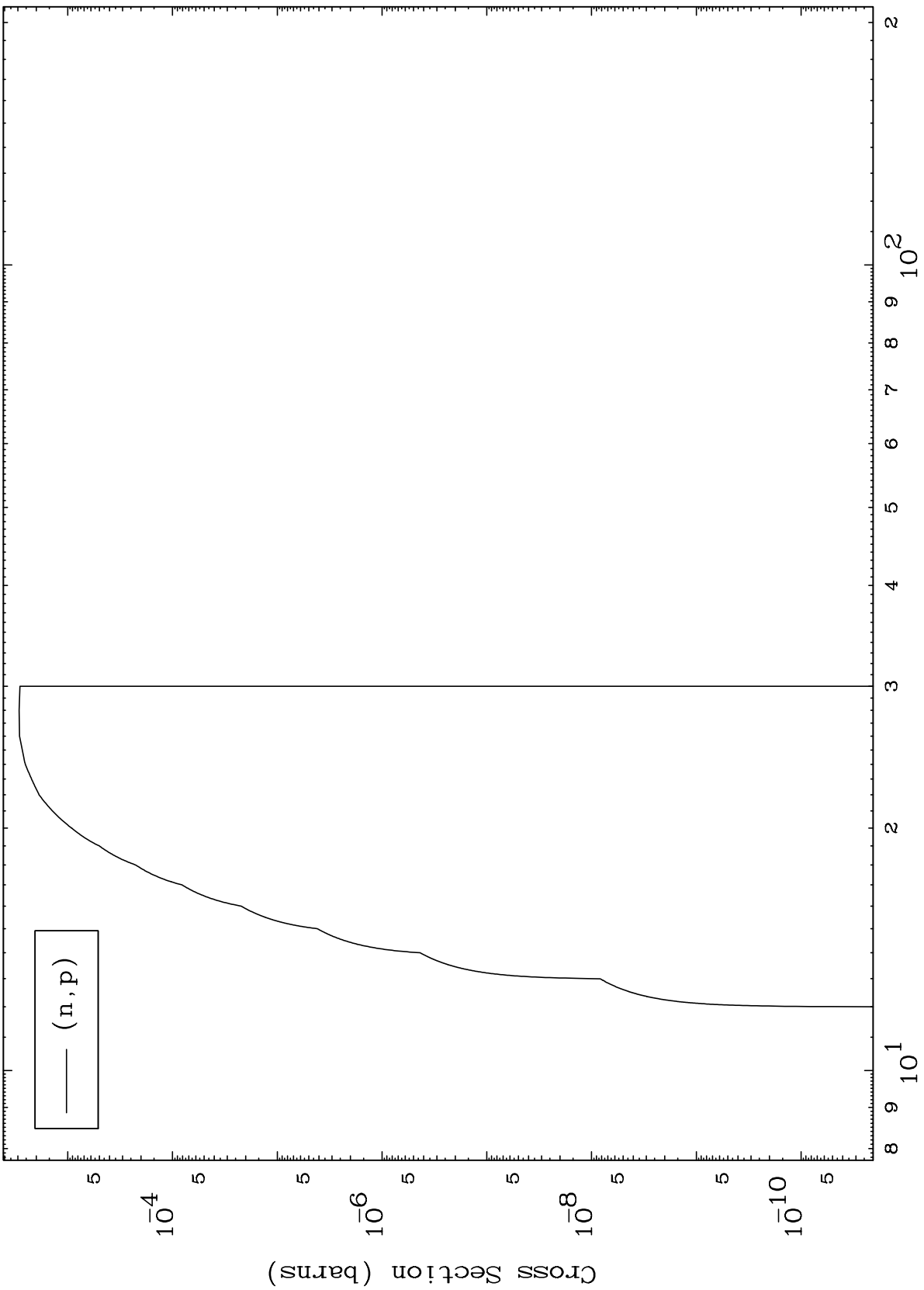


MAT 5459

(α, p) Levels

54-Xe-135m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

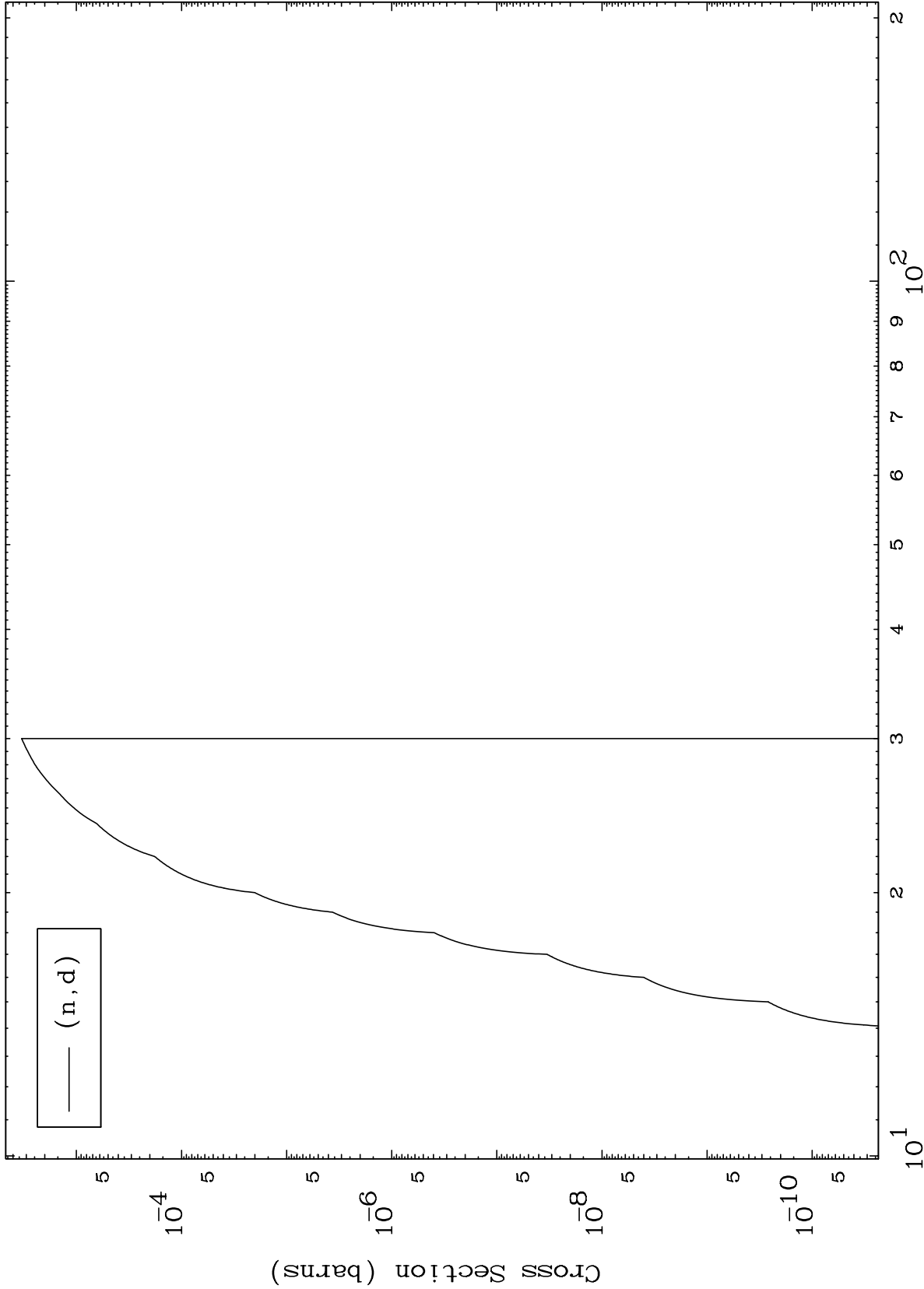
54-Xe-135m

MAT 5459

(α, d) Levels

54-Xe-135m

0 Kelvin Cross Sections



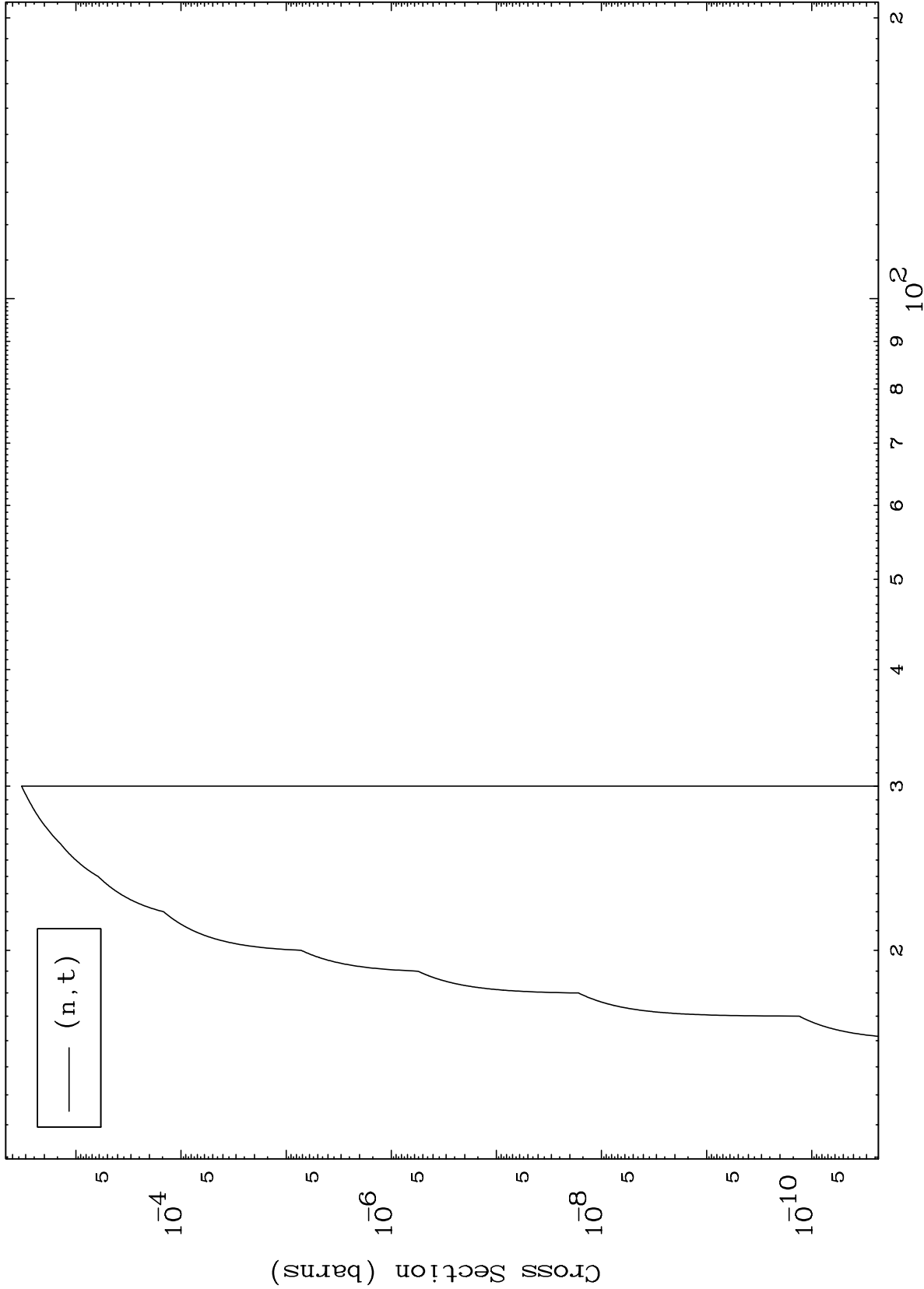
Incident Energy (MeV)

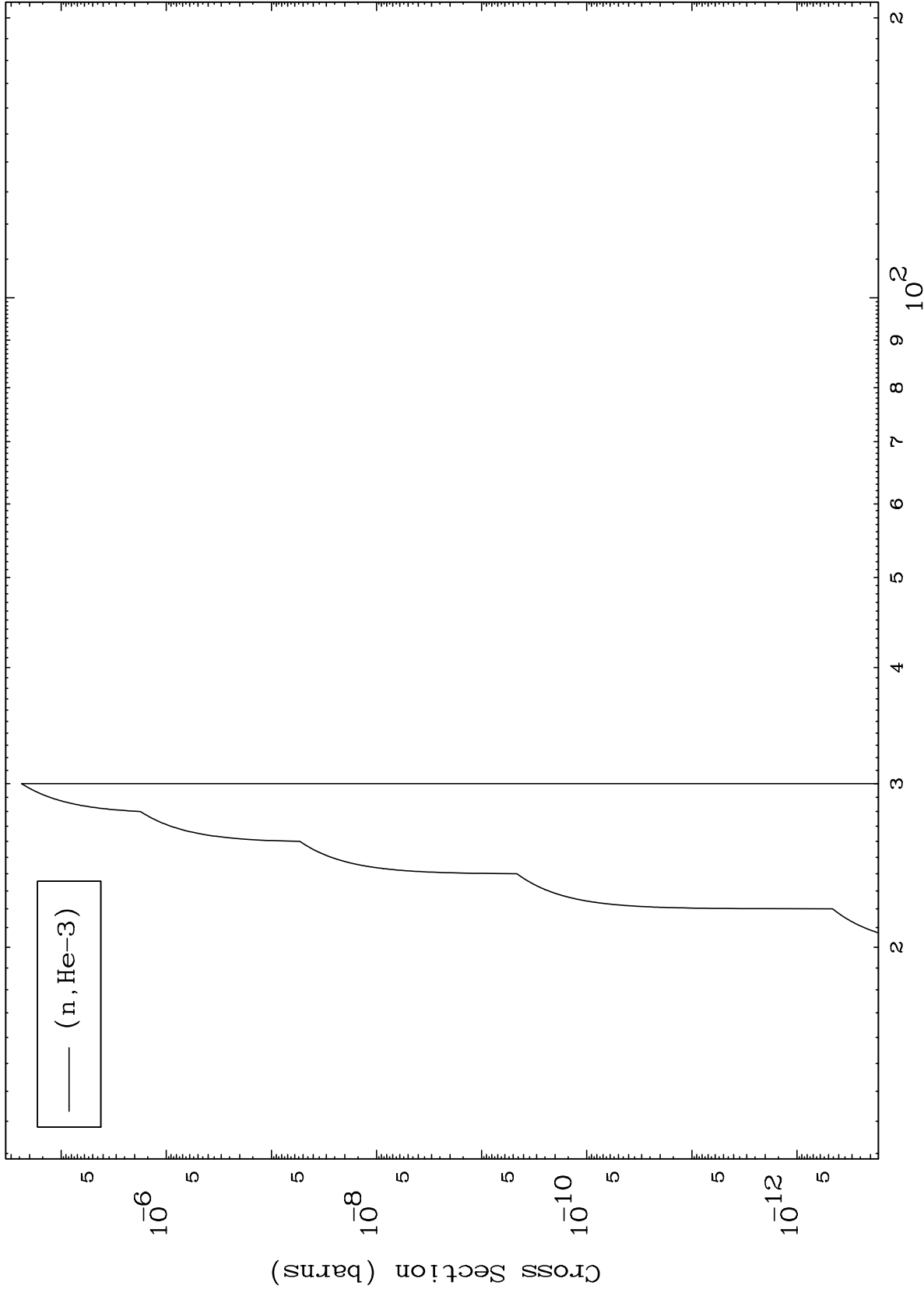
54-Xe-135m

MAT 5459

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-135m



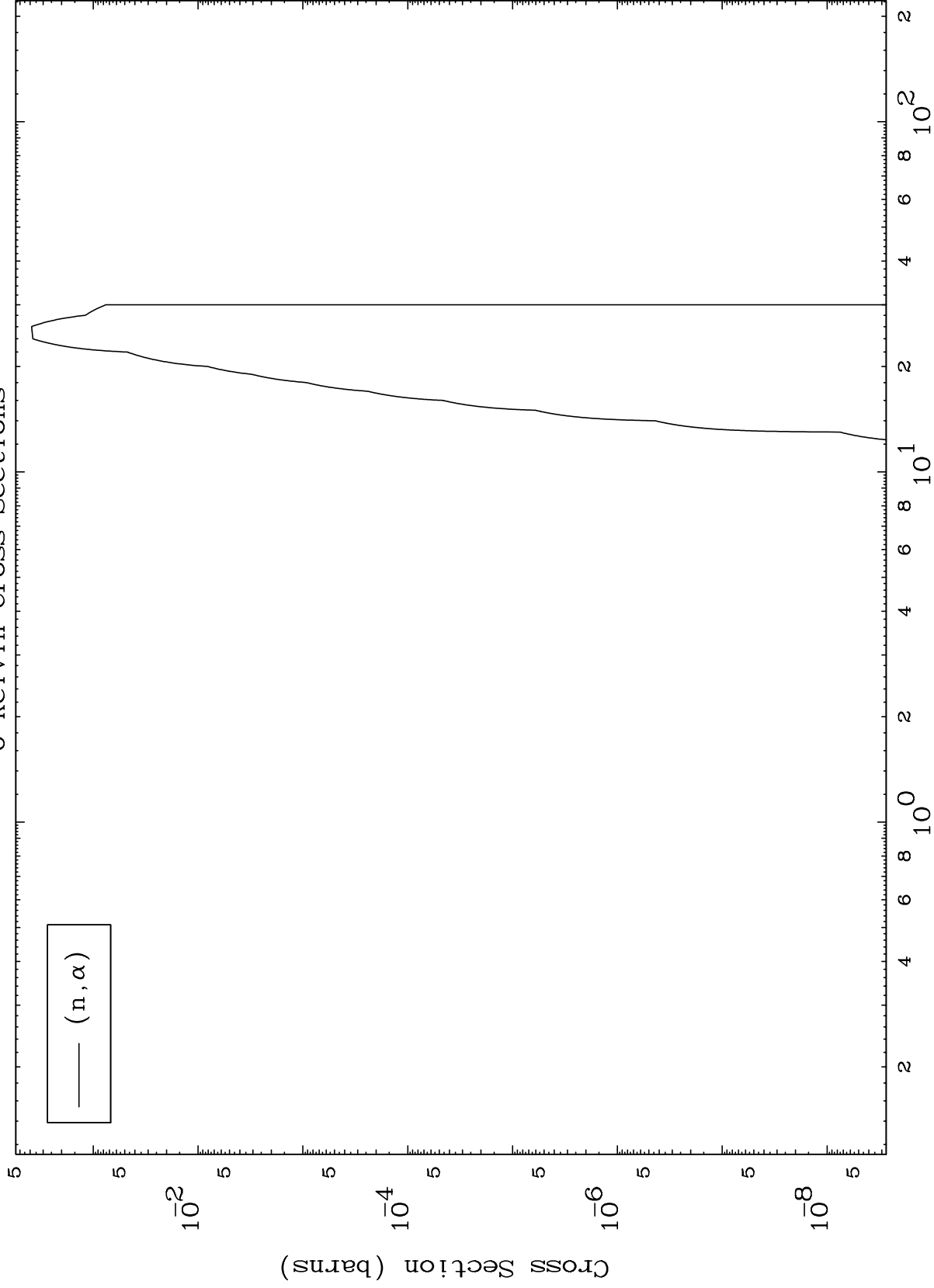


MAT 5459

(α, α) Levels

54-Xe-135m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

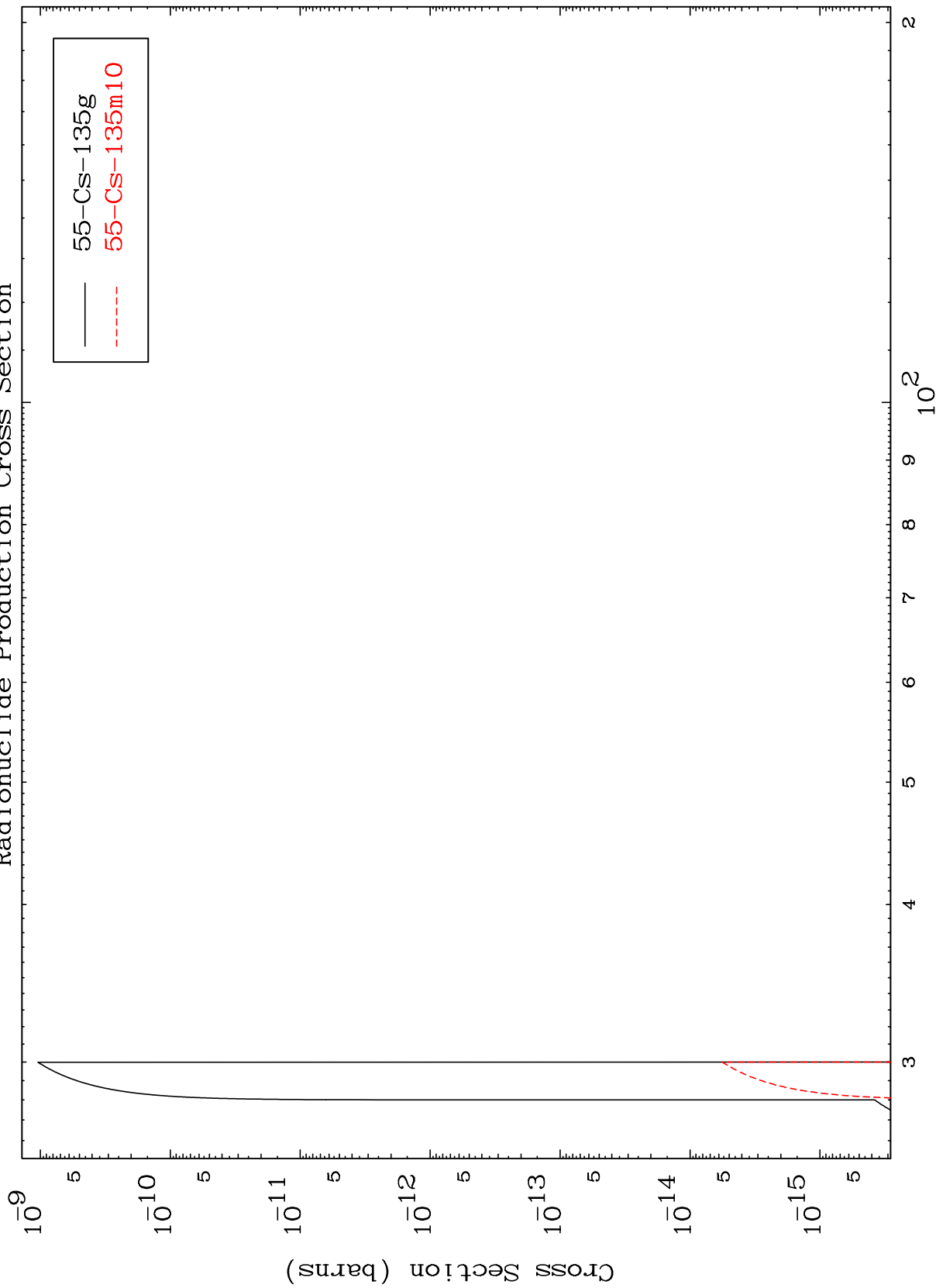
54-Xe-135m

MAT 5459

(n,2n) d

54-Xe-135m

Radionuclide Production Cross Section



11

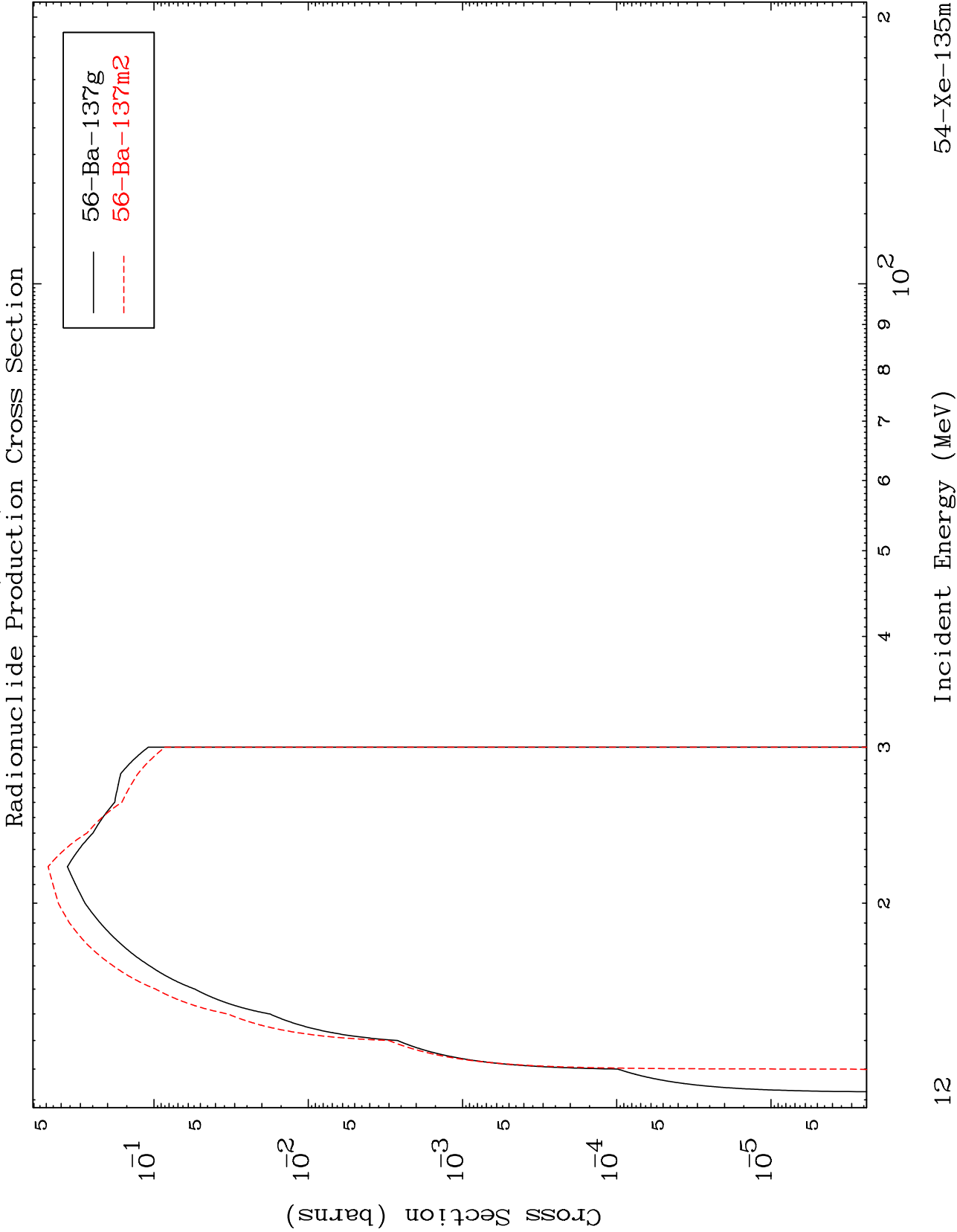
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n,2n)

54-Xe-135m



12

Incident Energy (MeV)

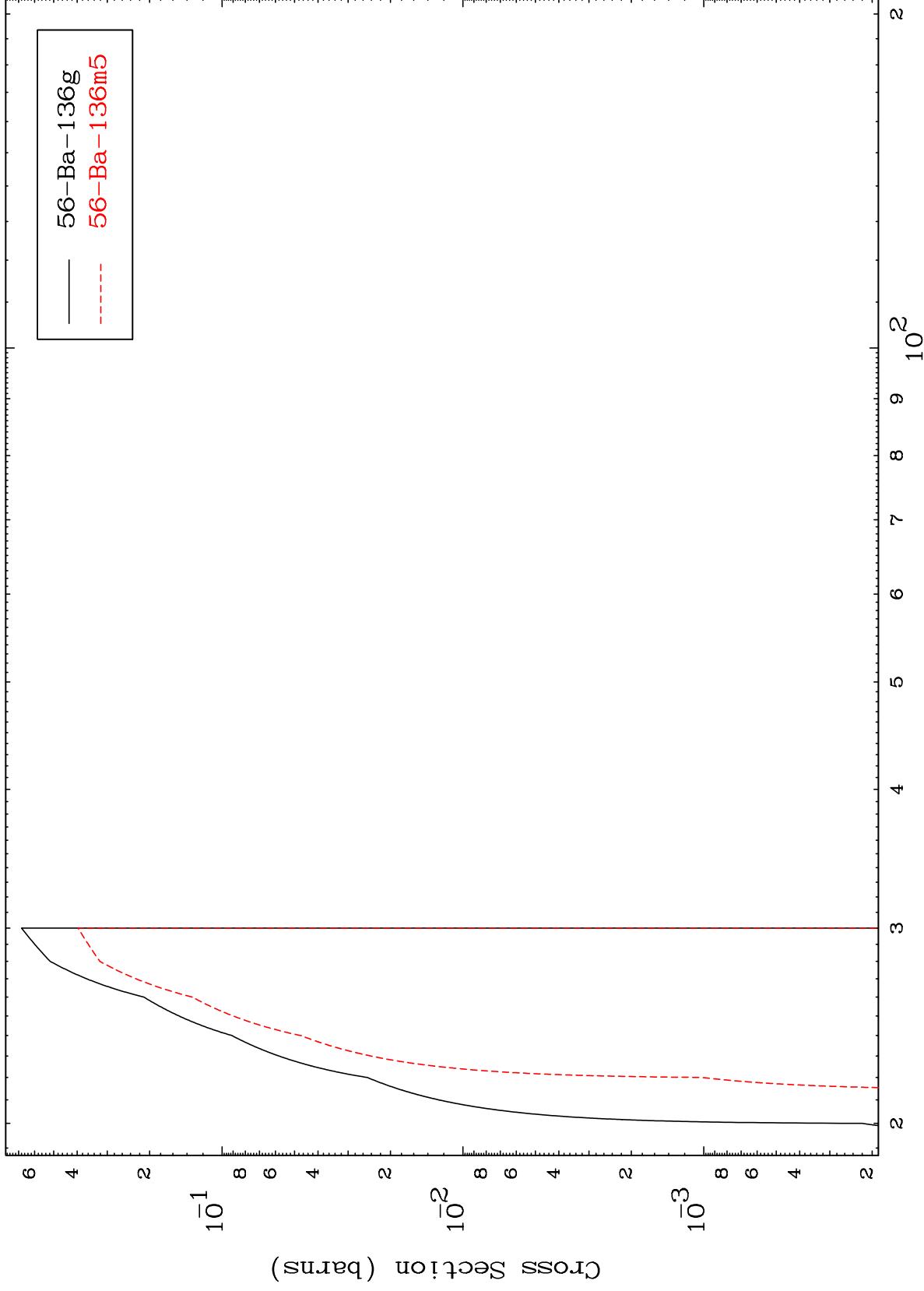
54-Xe-135m

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(n,3n)

54-Xe-135m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

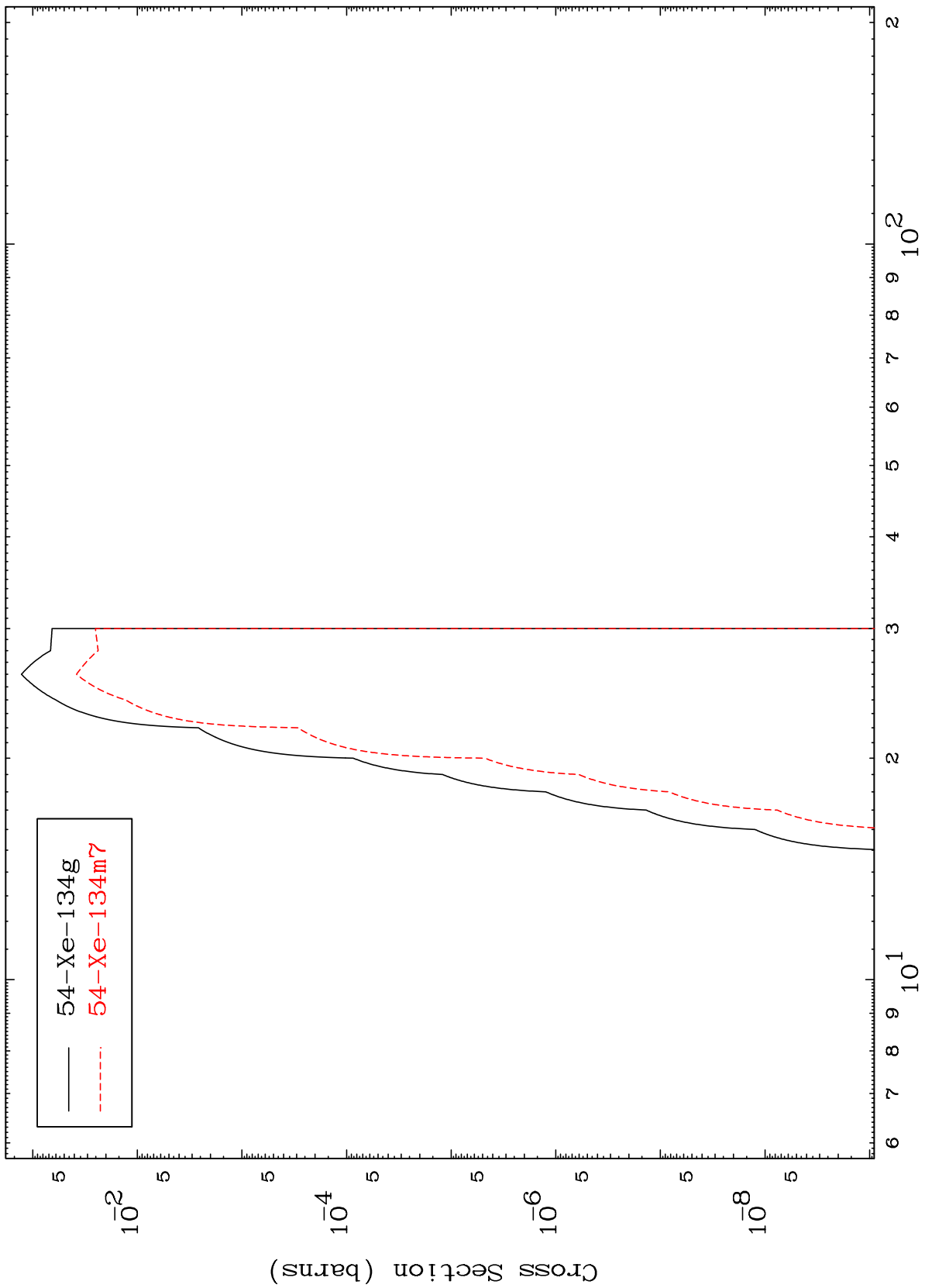
54-Xe-135m

MAT 5459

(n,n') α

54-Xe-135m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

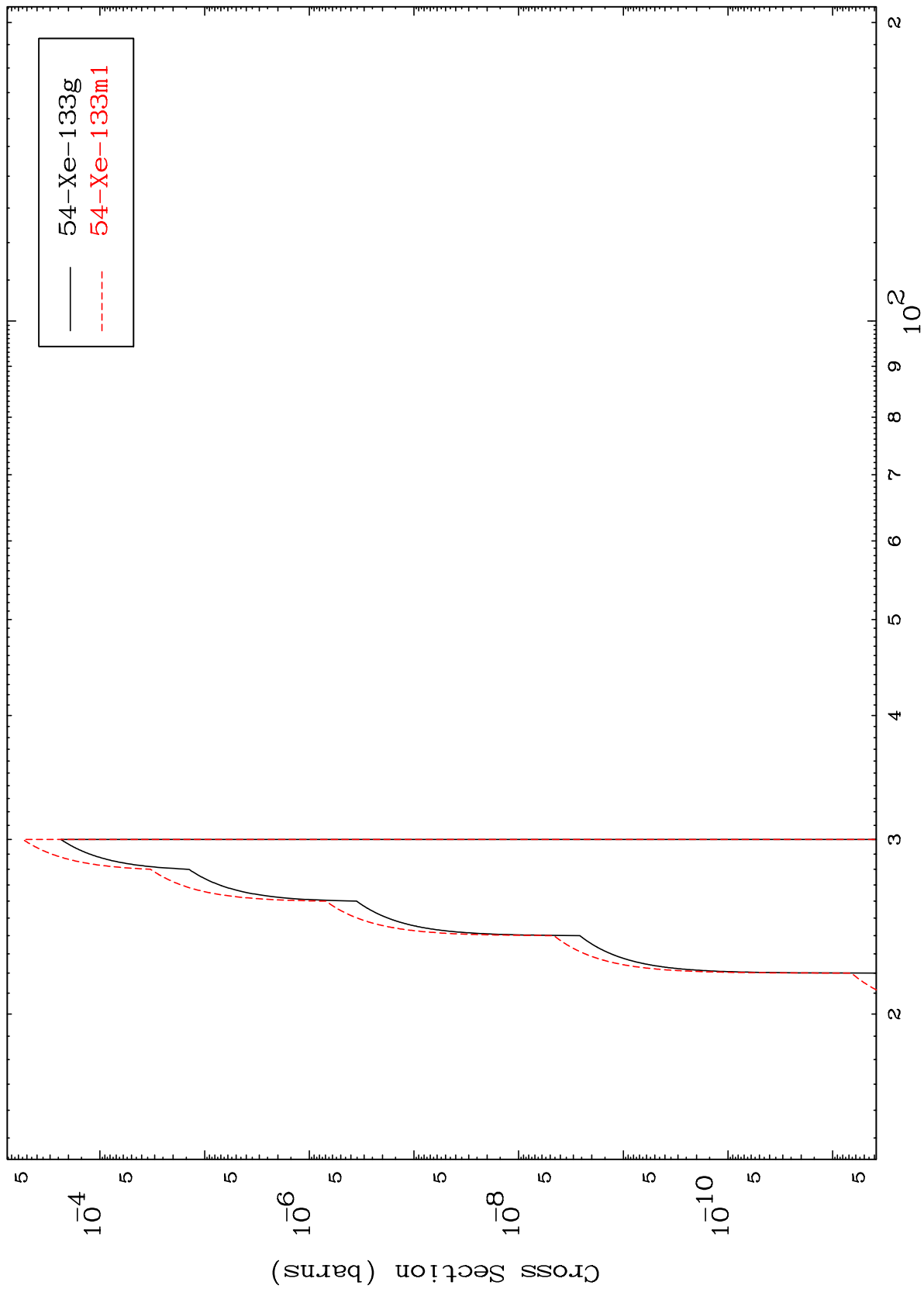
54-Xe-135m

MAT 5459

54-Xe-135m

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

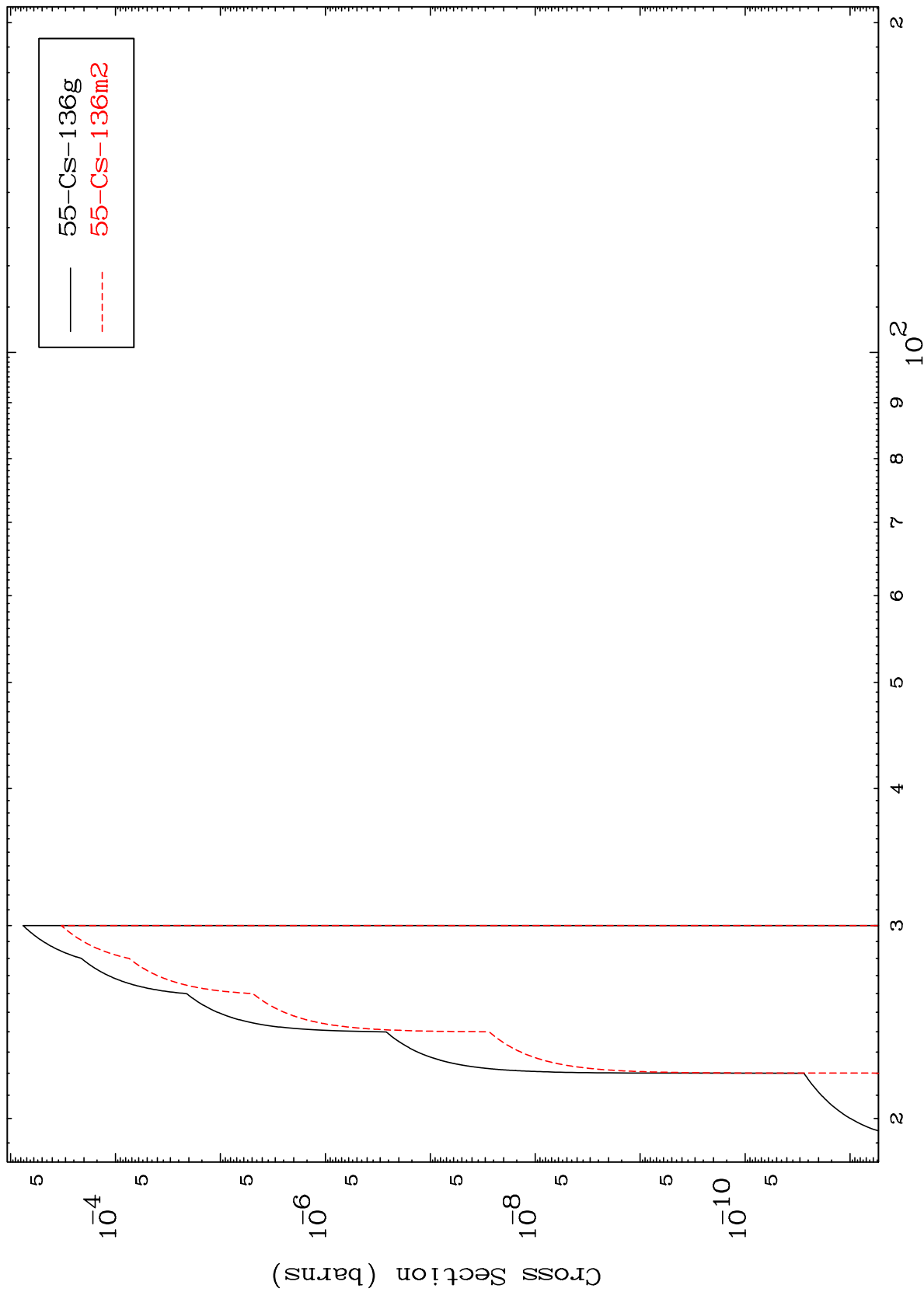
54-Xe-135m

MAT 5459

(n,n') d

54-Xe-135m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

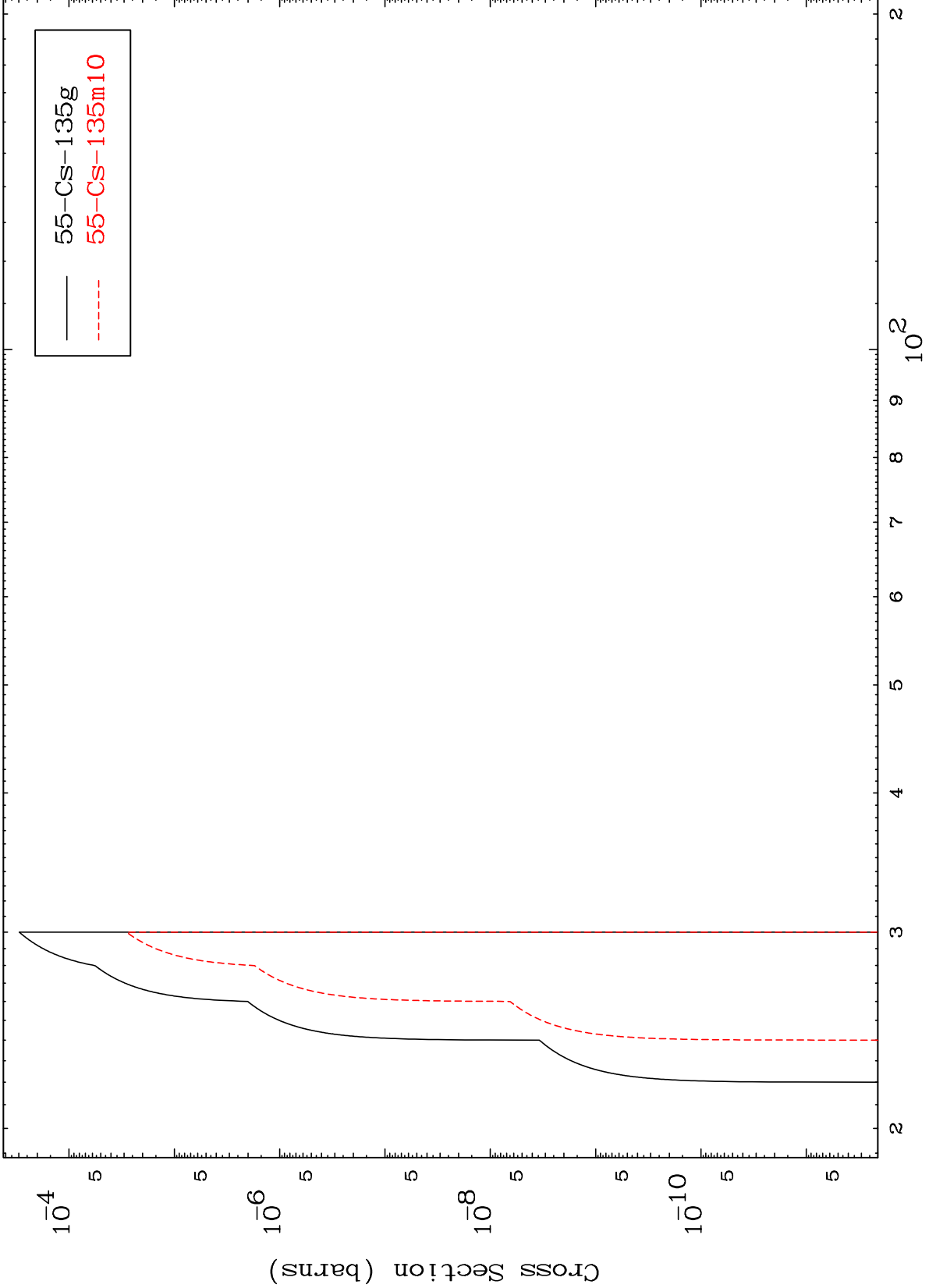
54-Xe-135m

MAT 5459

(n,n') t

54-Xe-135m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

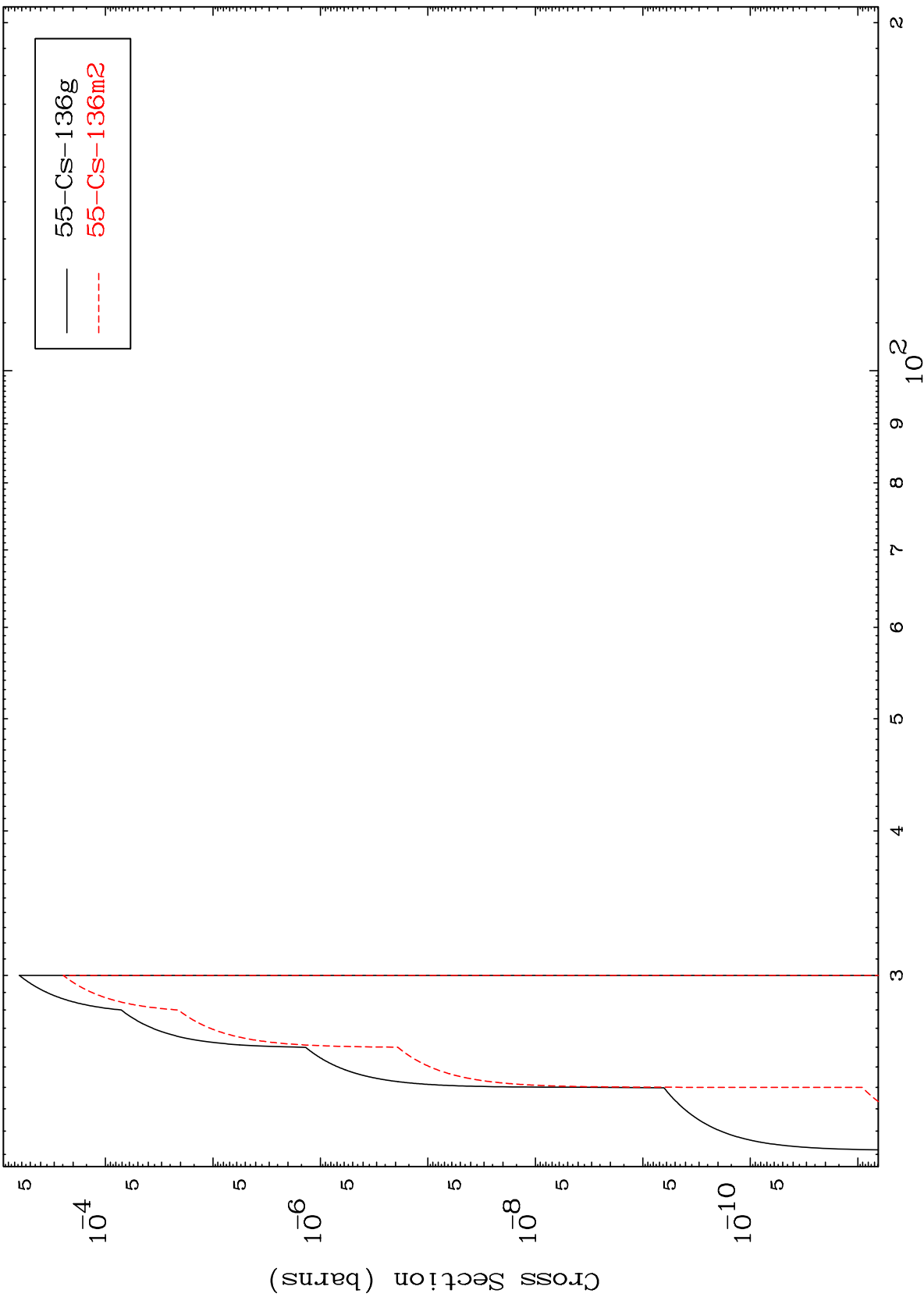
54-Xe-135m

MAT 5459

(n,2n) p

54-Xe-135m

Radionuclide Production Cross Section



18

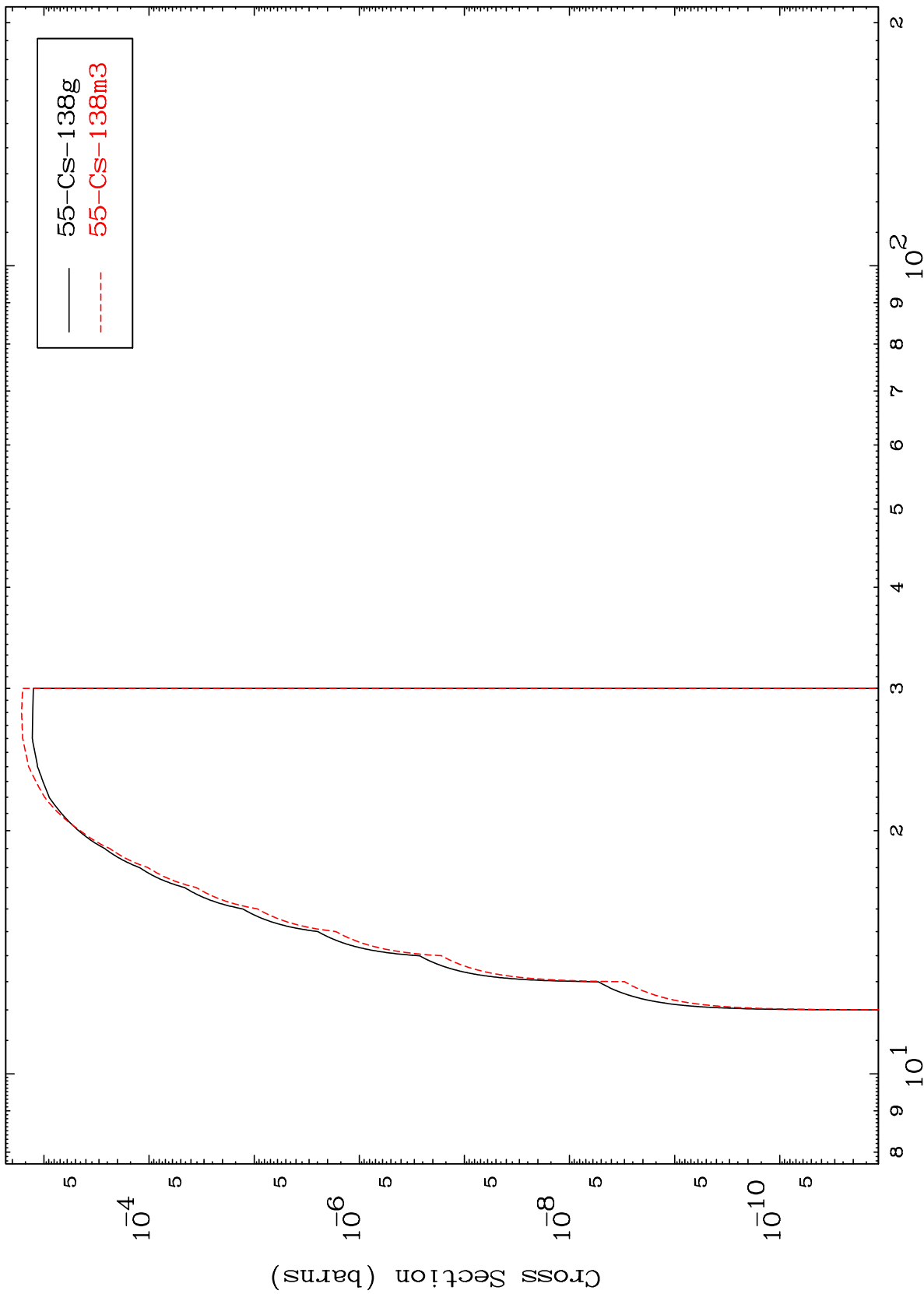
Incident Energy (MeV)

54-Xe-135m

MAT 5459

54-Xe-135m

(n,p)
Radionuclide Production Cross Section



19

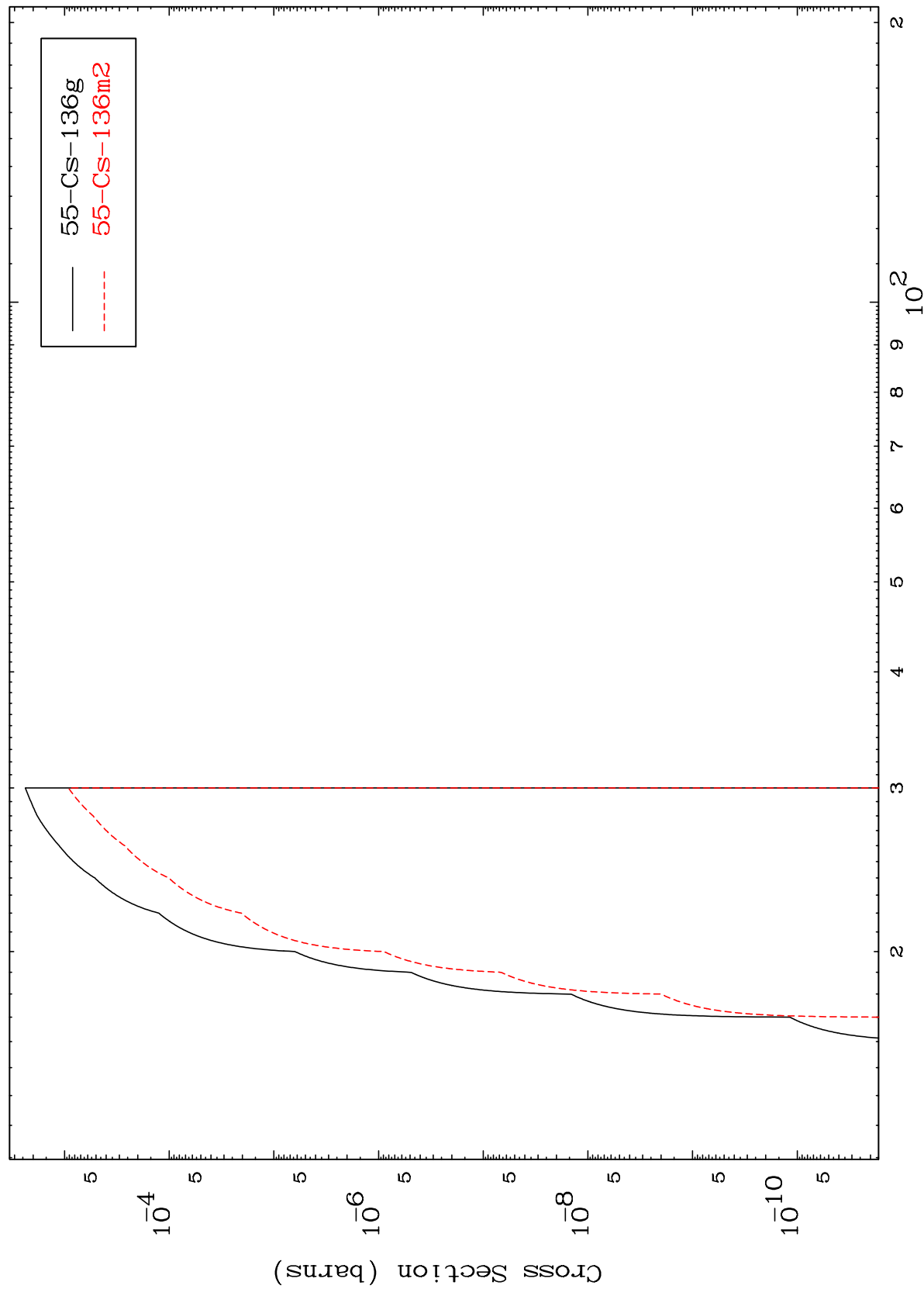
Incident Energy (MeV)

54-Xe-135m

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54-Xe-135m

(n, t)
Radionuclide Production Cross Section



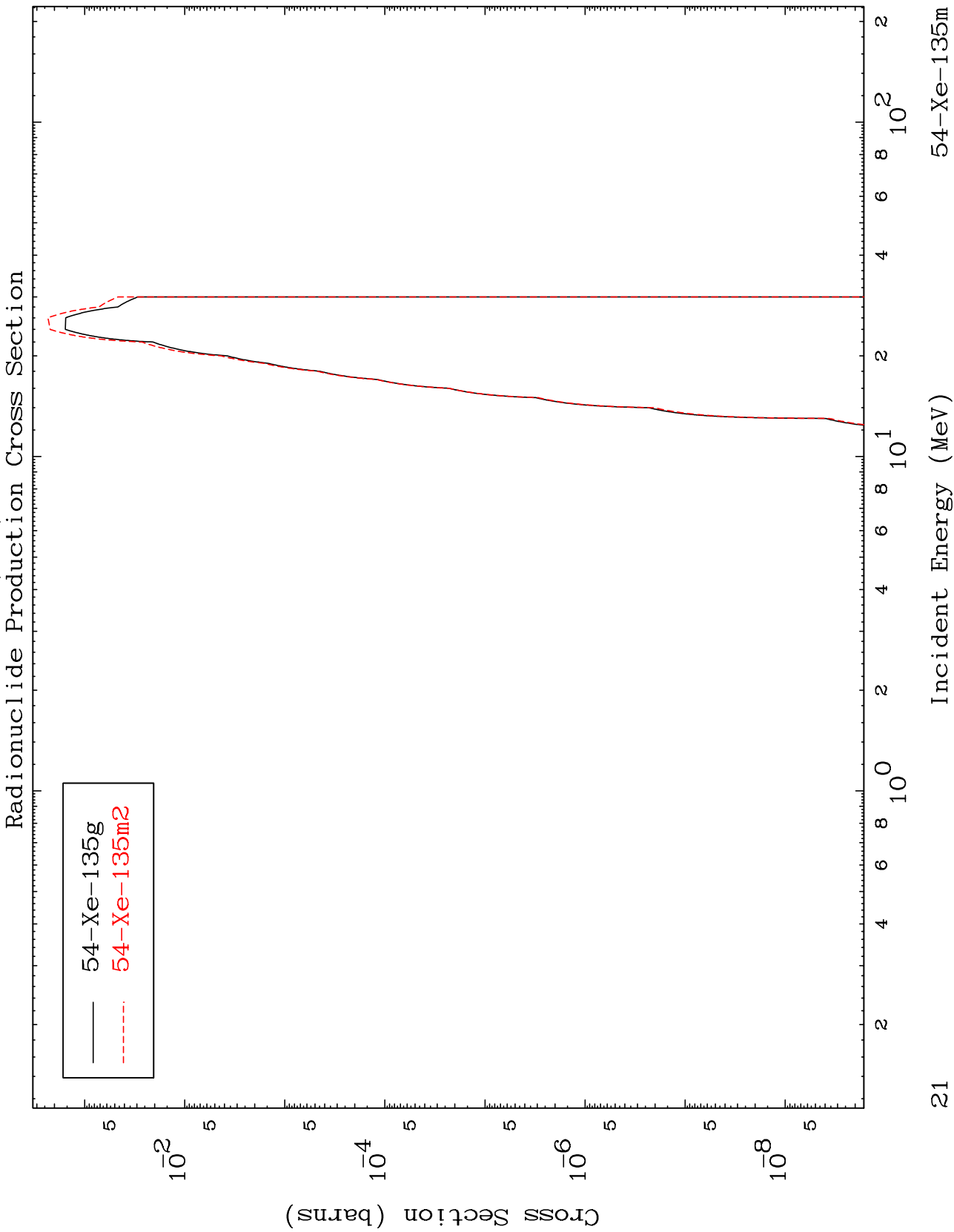
20

Incident Energy (MeV)

54-Xe-135m

MAT 5459

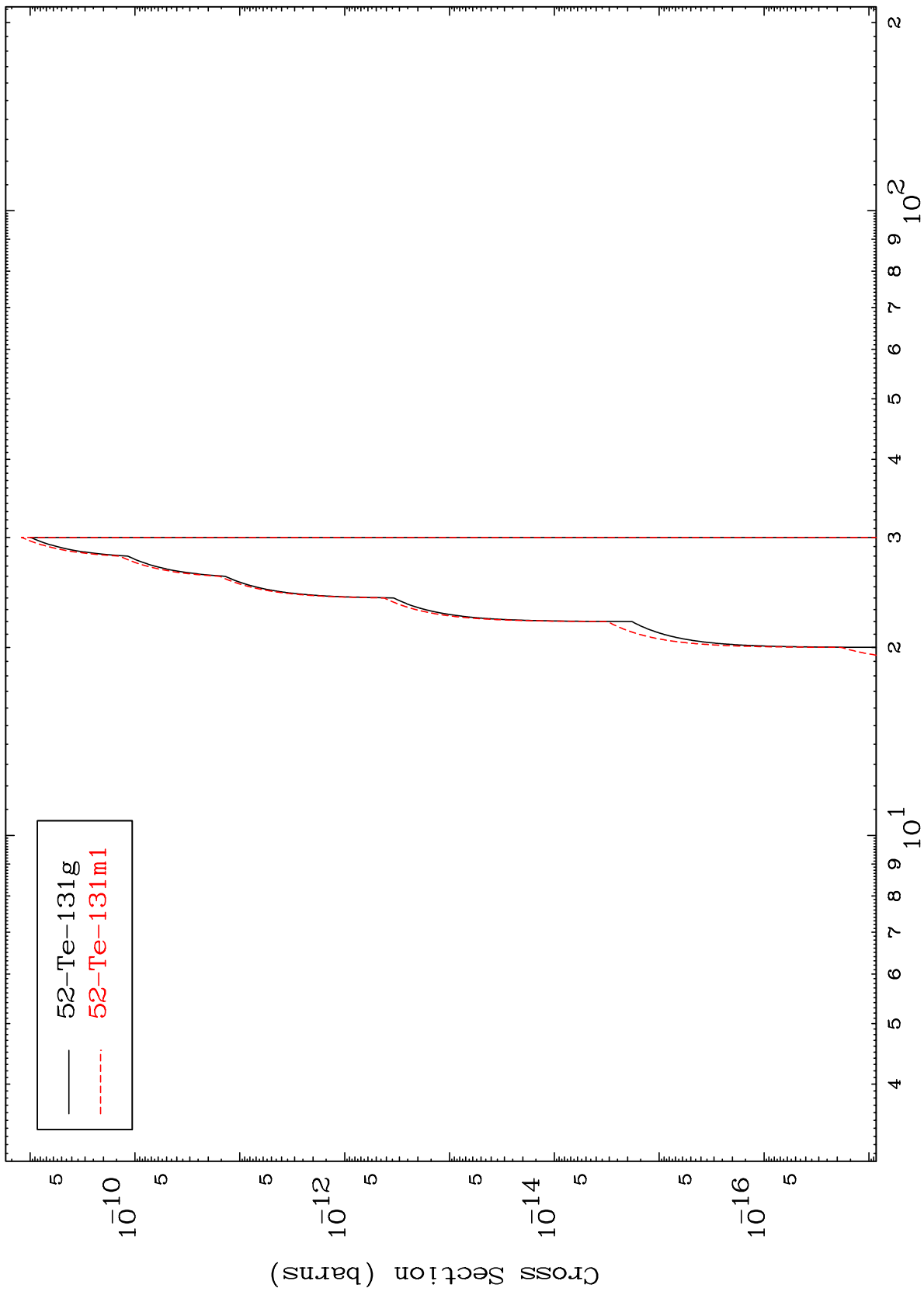
54-Xe-135m



MAT 5459

54-Xe-135m

Radionuclide Production Cross Section
(n, 2α)



22

54-Xe-135m

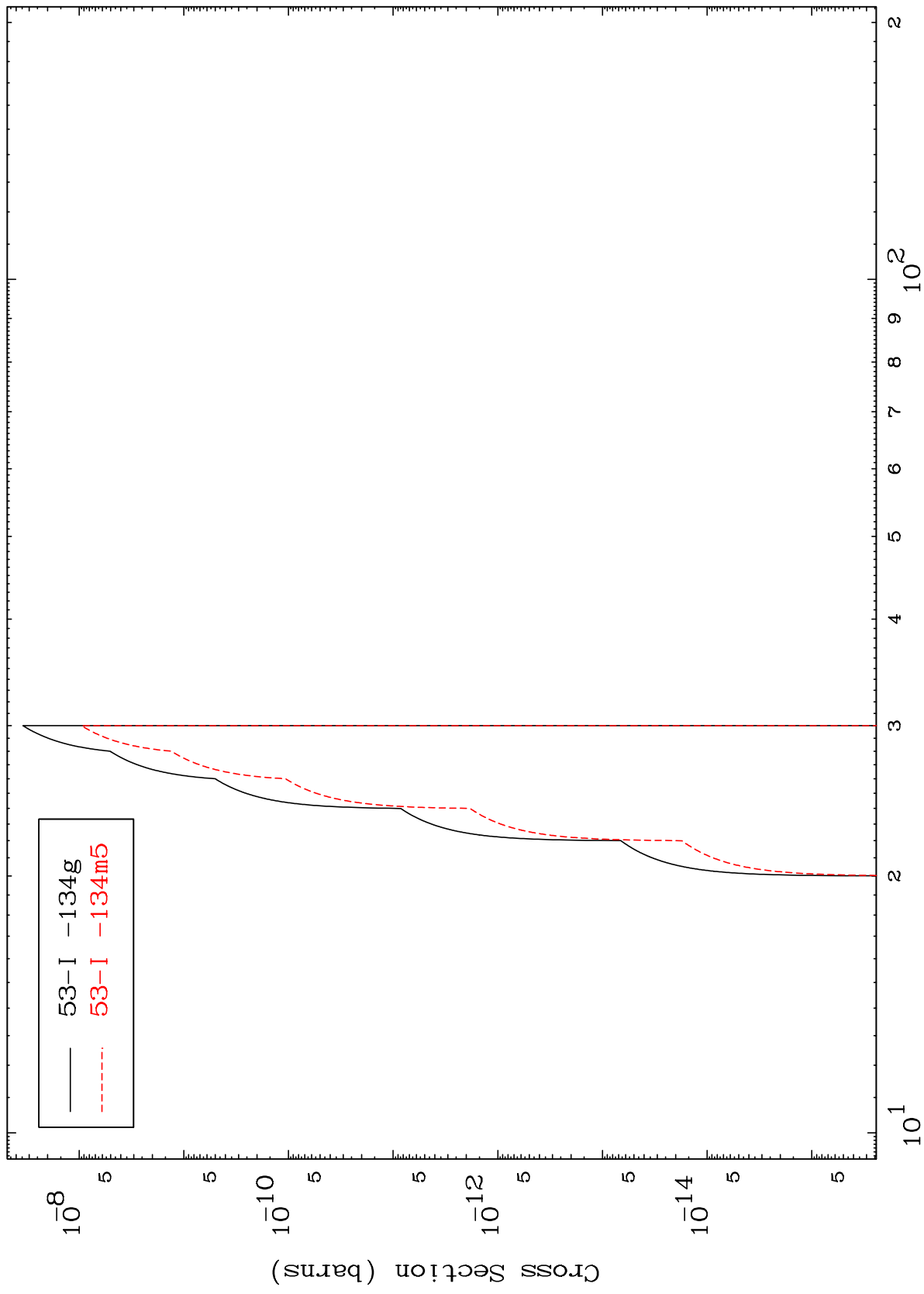
Incident Energy (MeV)

MAT 5459

(n,p) α

54-Xe-135m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-135m