

Program EVALPLOT
(Version 2017-1)

by

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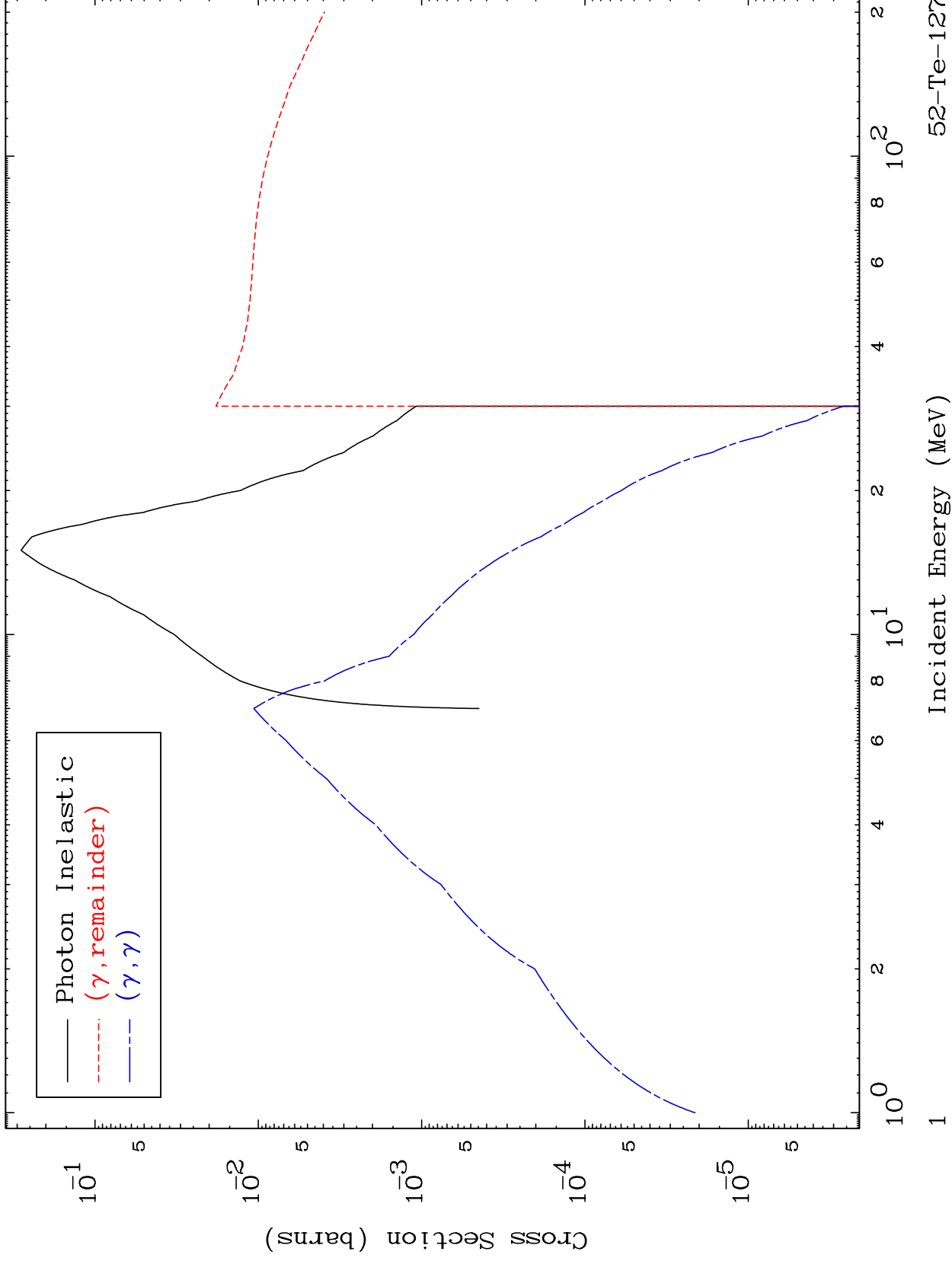
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5247

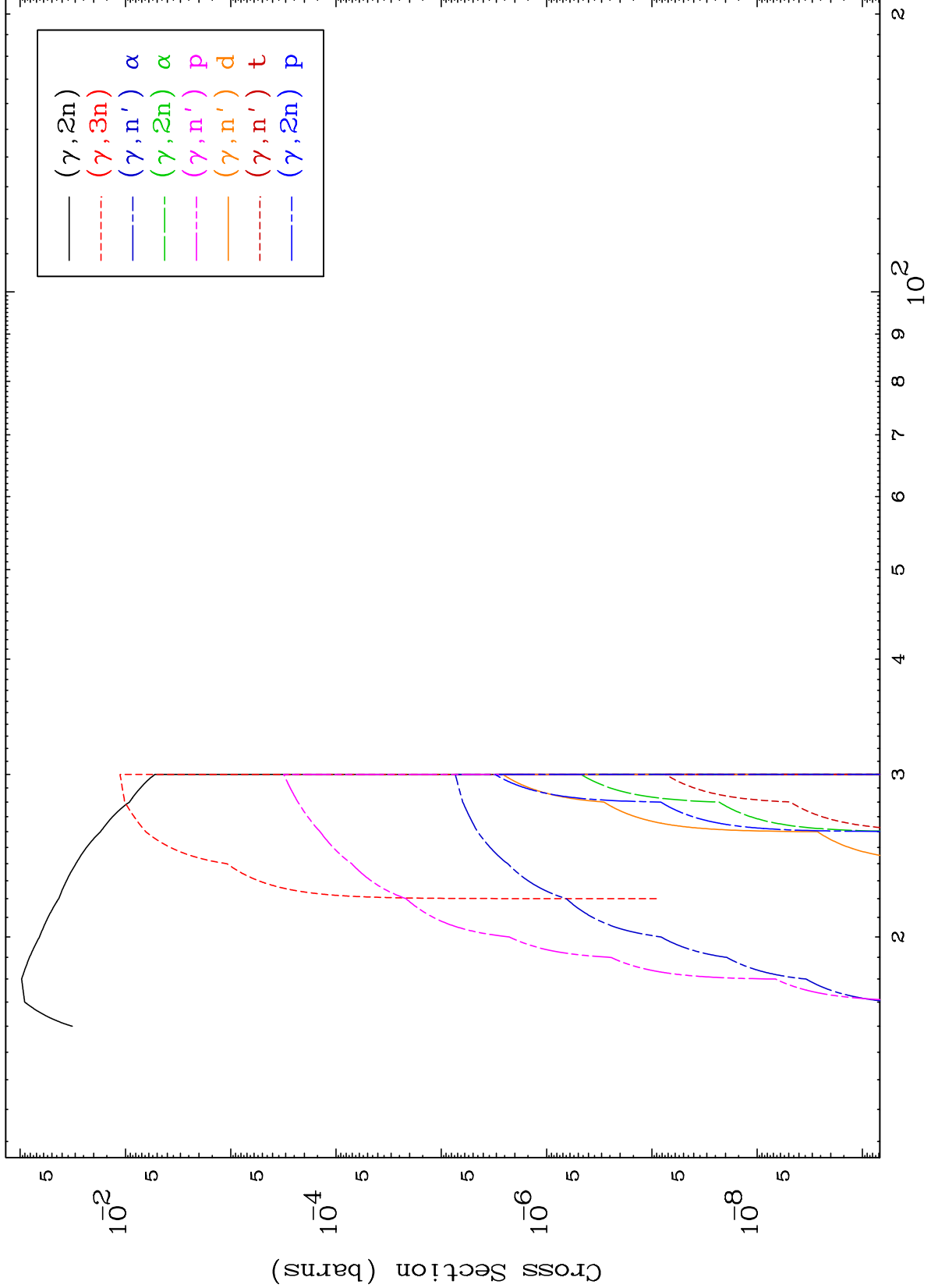
Photon Major
0 Kelvin Cross Sections

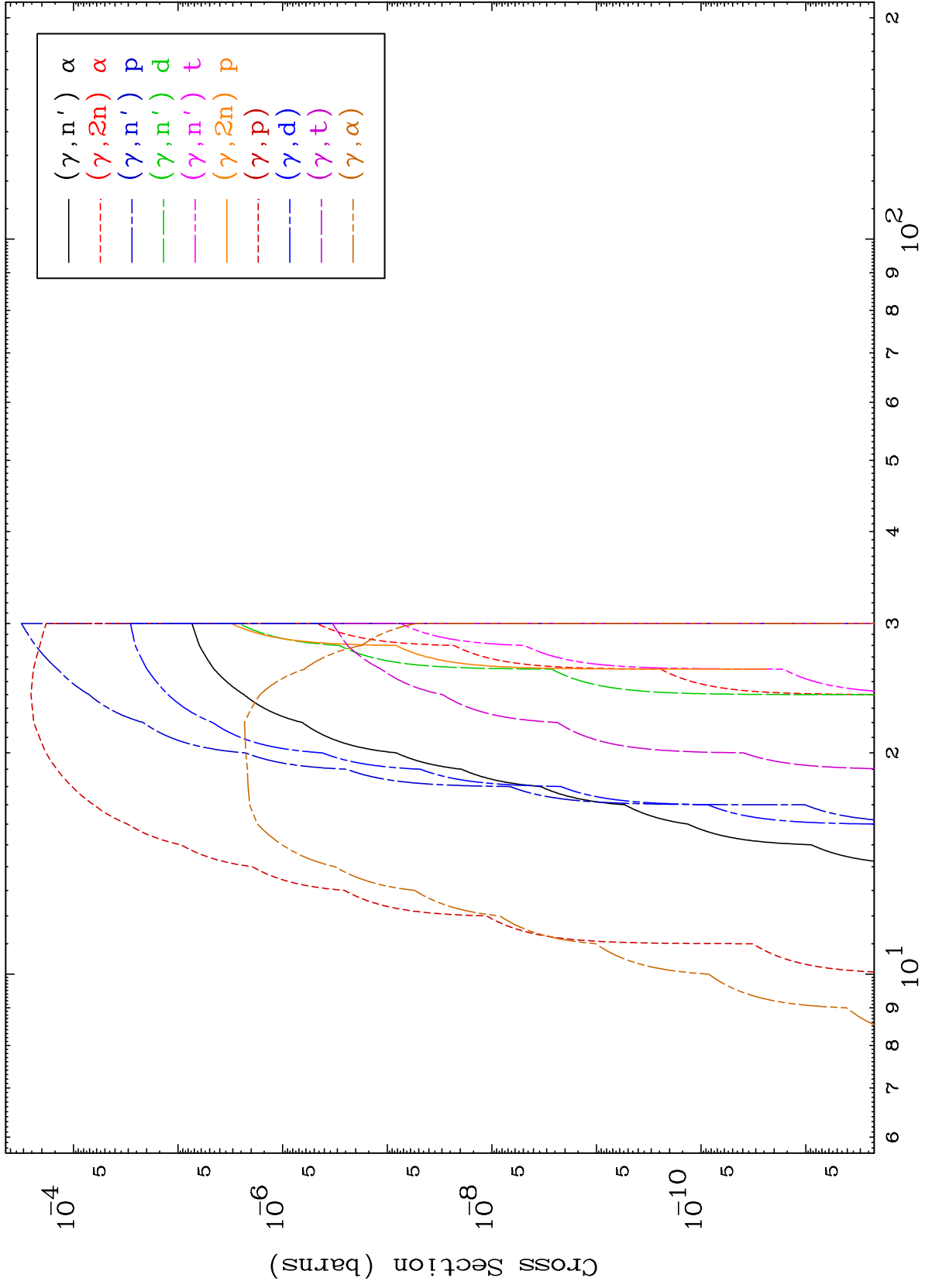
52-Te-127



52-Te-127

Incident Energy (MeV)



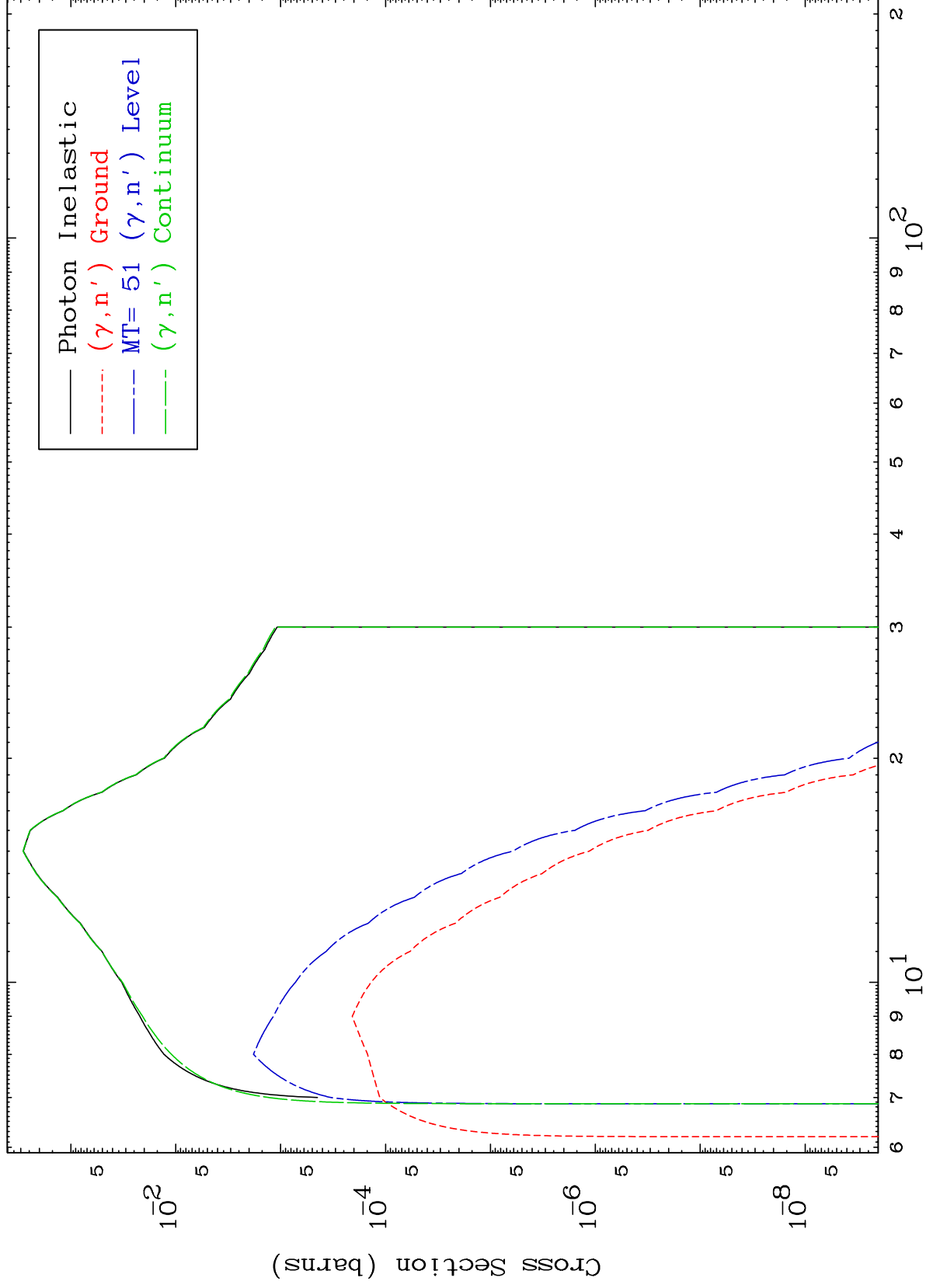


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(γ, n') Level

52-Te-127

0 Kelvin Cross Sections



4

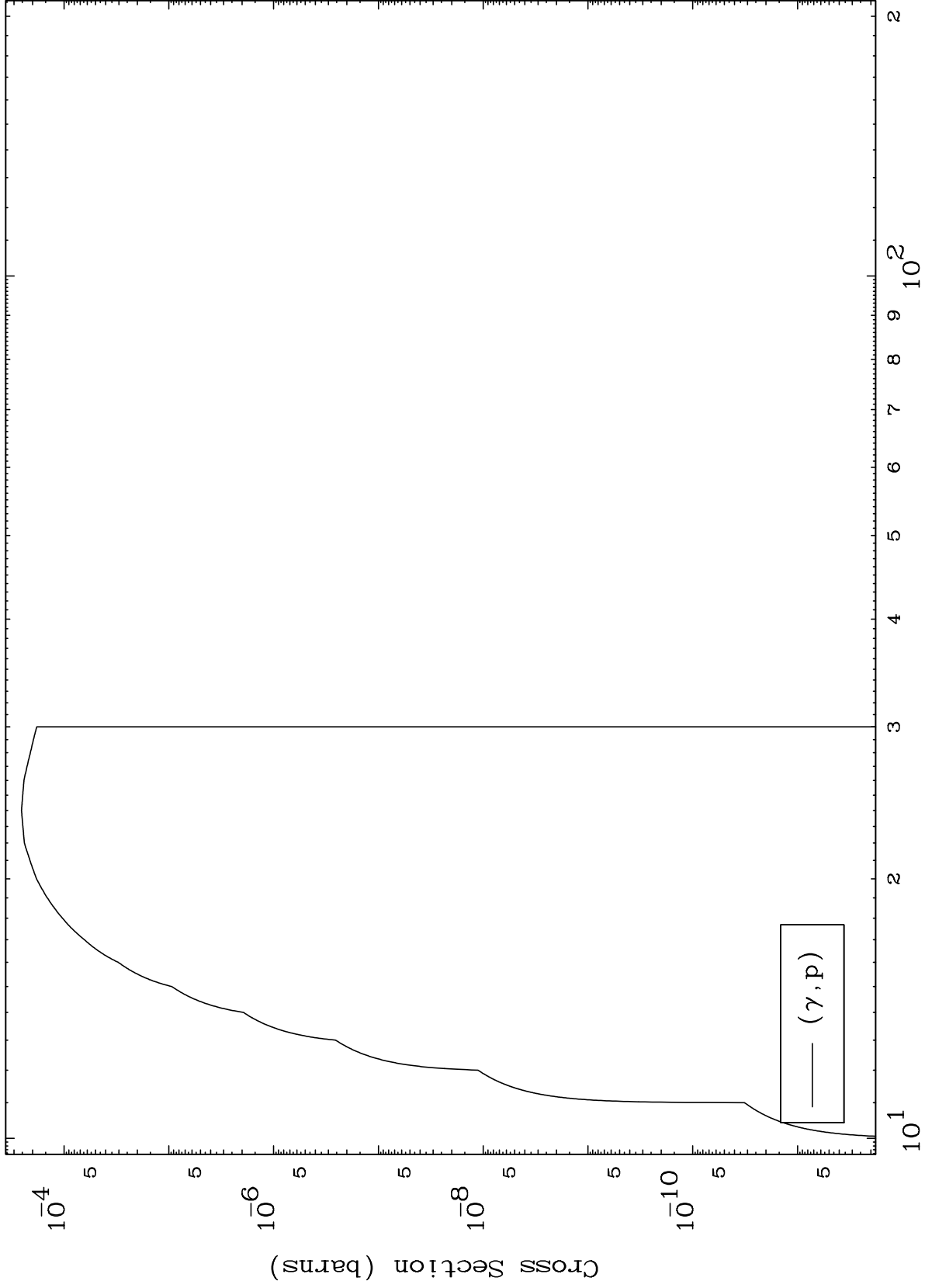
Incident Energy (MeV)

52-Te-127

MAT 5247

(γ, p) Levels
0 Kelvin Cross Sections

52-Te-127



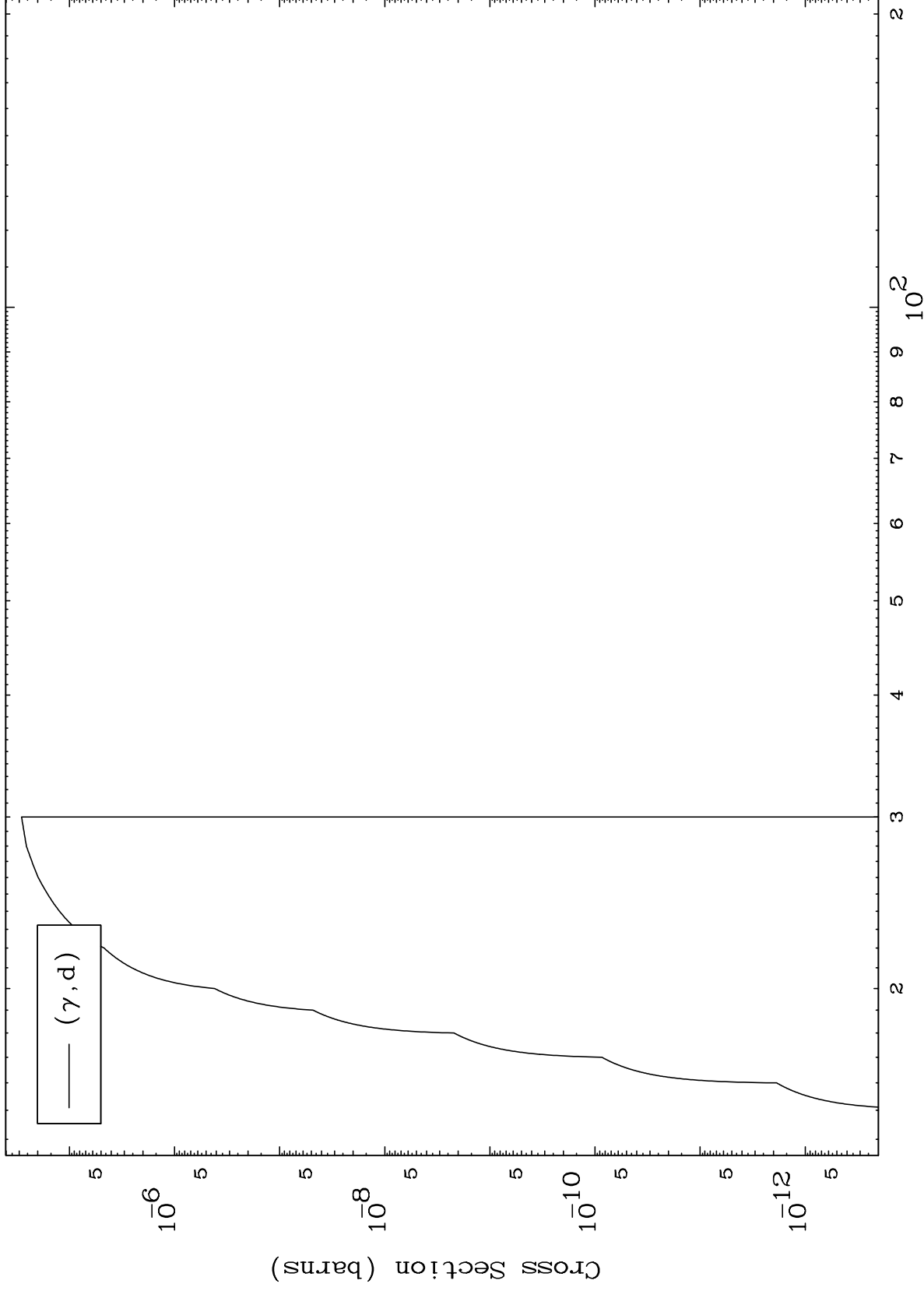
Incident Energy (MeV)

52-Te-127

MAT 5247

(γ, d) Levels
0 Kelvin Cross Sections

52-Te-127



6

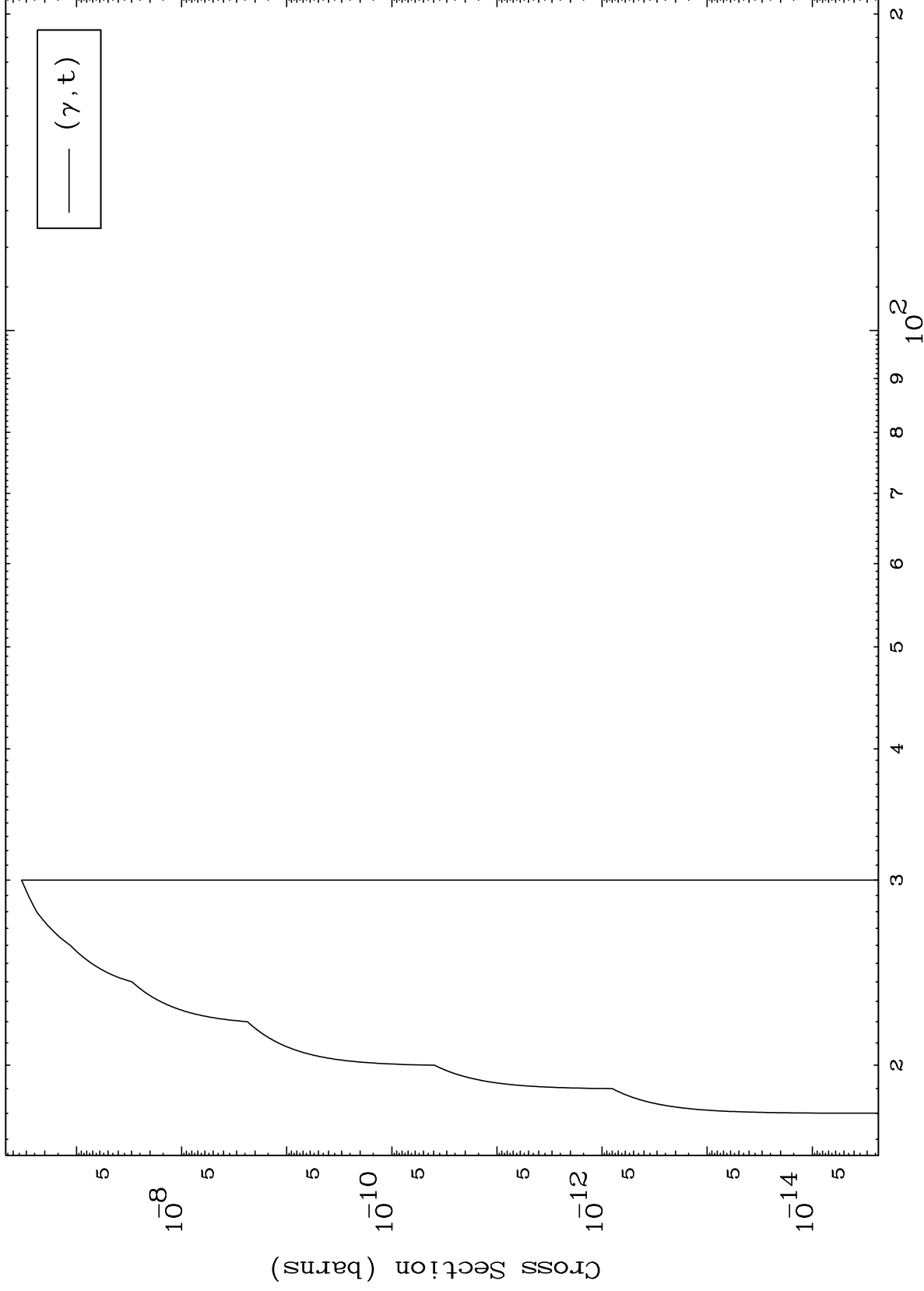
Incident Energy (MeV)

52-Te-127

MAT 5247

(γ, t) Levels
0 Kelvin Cross Sections

52-Te-127



7

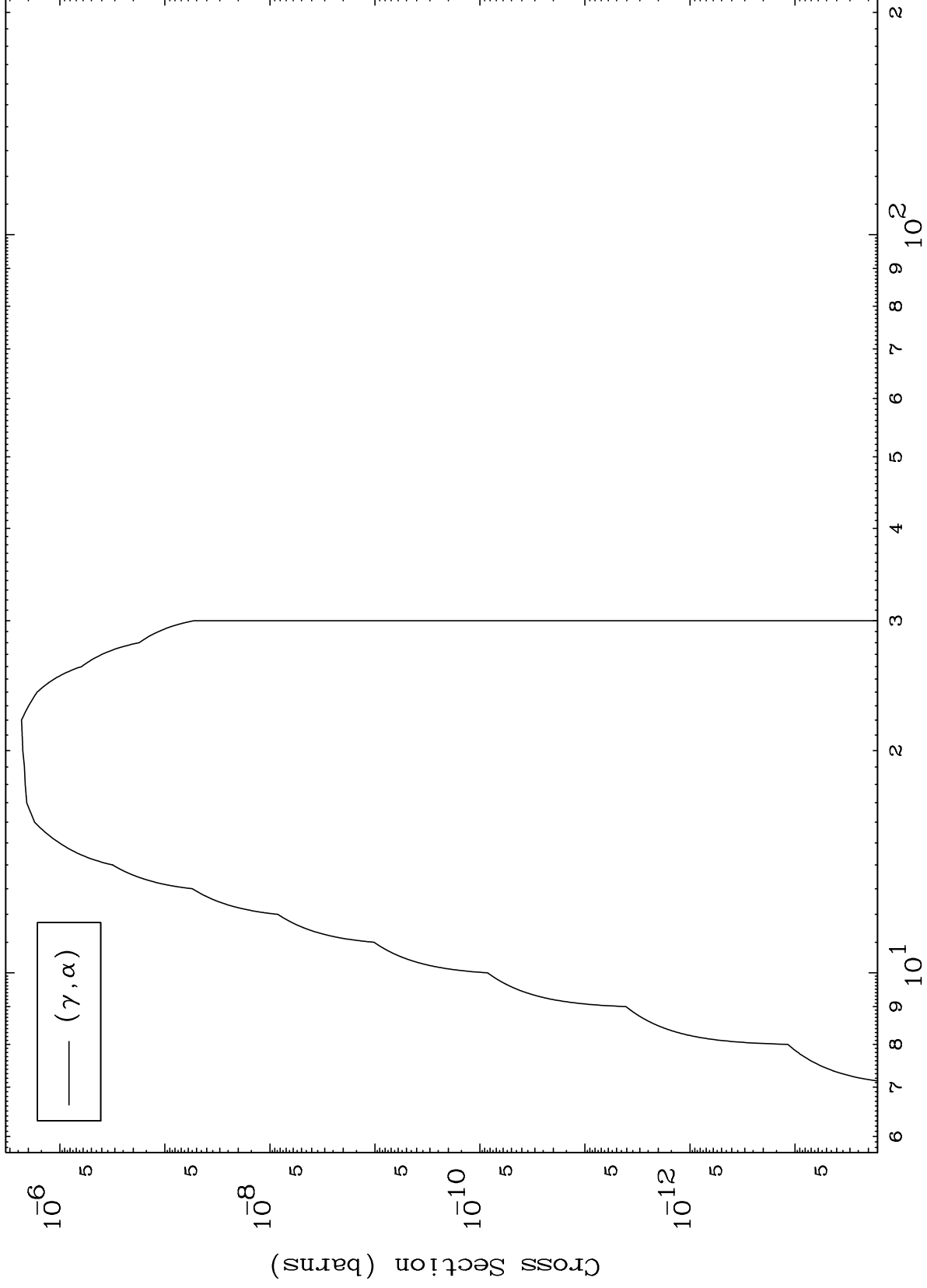
Incident Energy (MeV)

52-Te-127

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(γ, α) Levels
0 Kelvin Cross Sections

52-Te-127



8

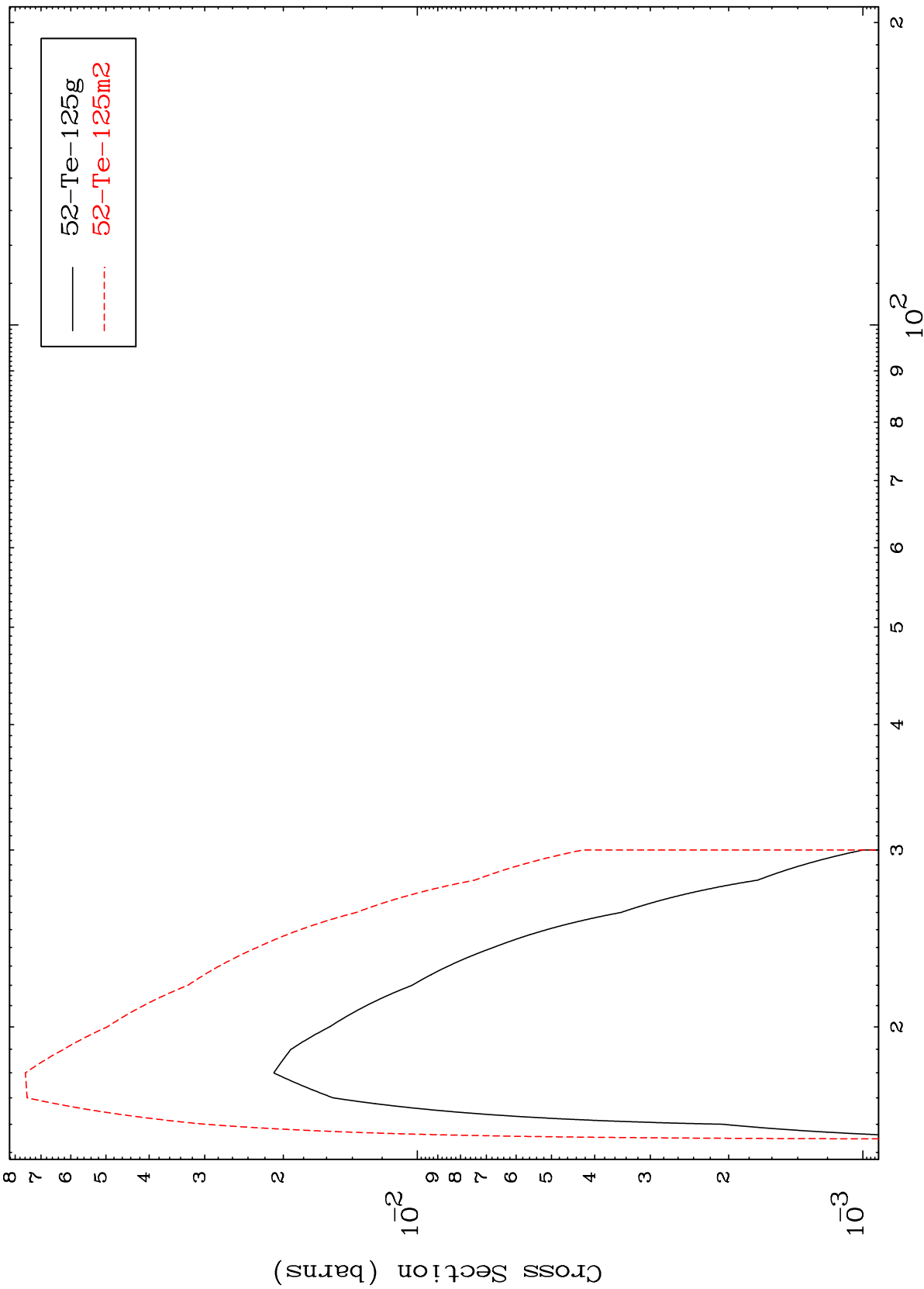
Incident Energy (MeV)

52-Te-127

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52-Te-127

Radionuclide Production Cross Section
($\gamma, 2n$)



52-Te-127

Incident Energy (MeV)

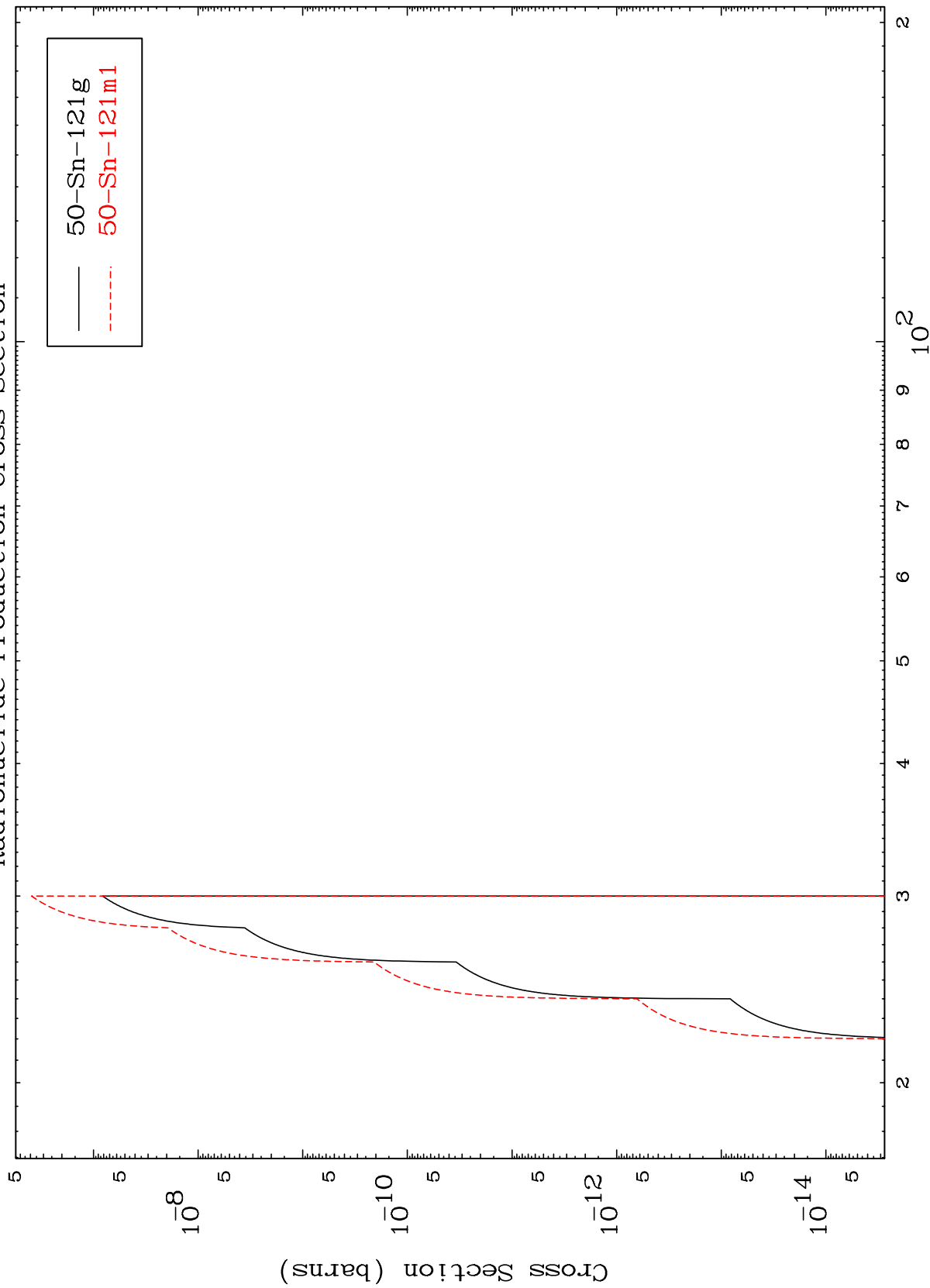
9

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$(\gamma, 2n) \alpha$

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Radionuclide Production Cross Section



10

Incident Energy (MeV)

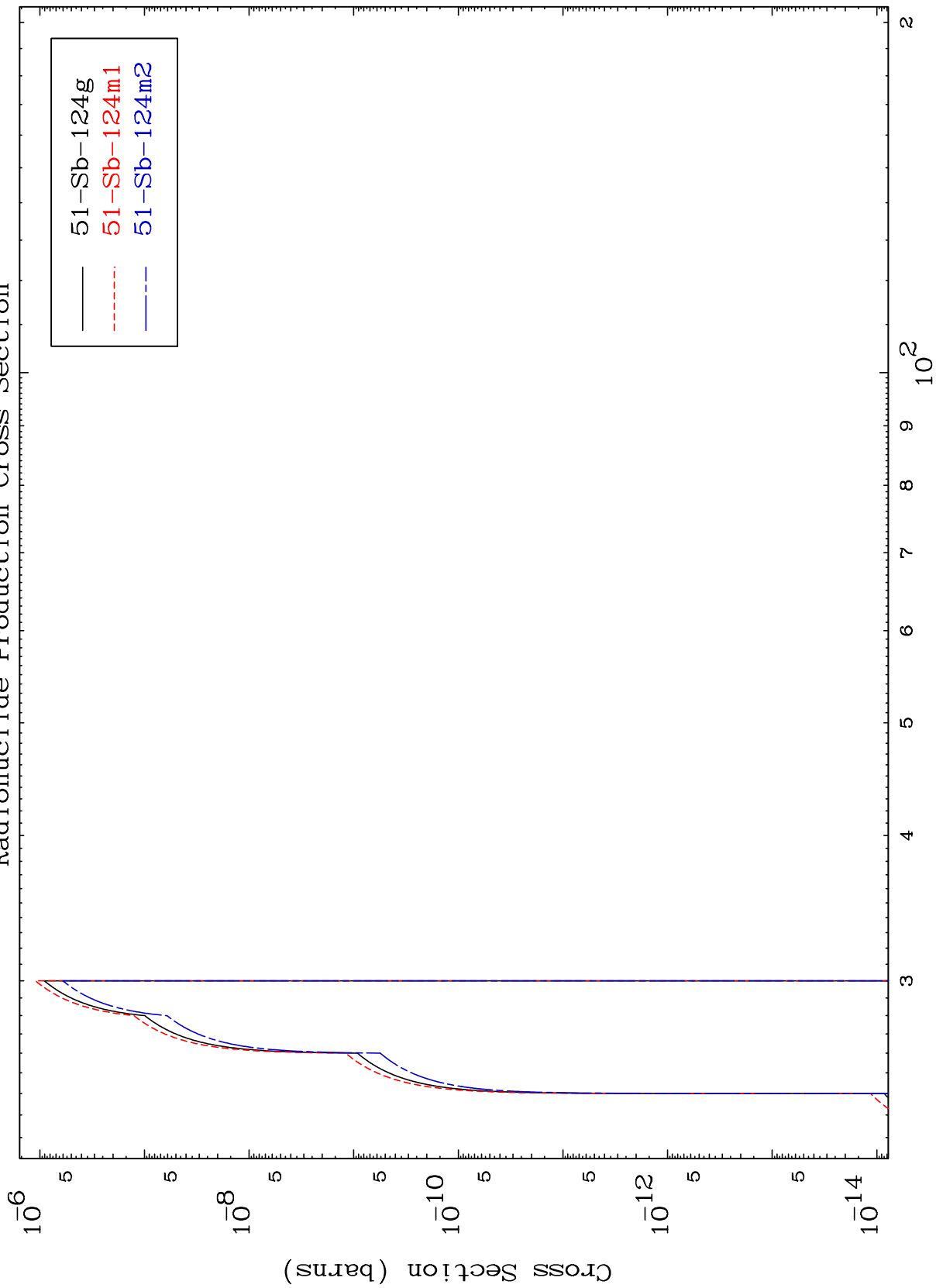
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(γ, n') d

52-Te-127

Radionuclide Production Cross Section



11

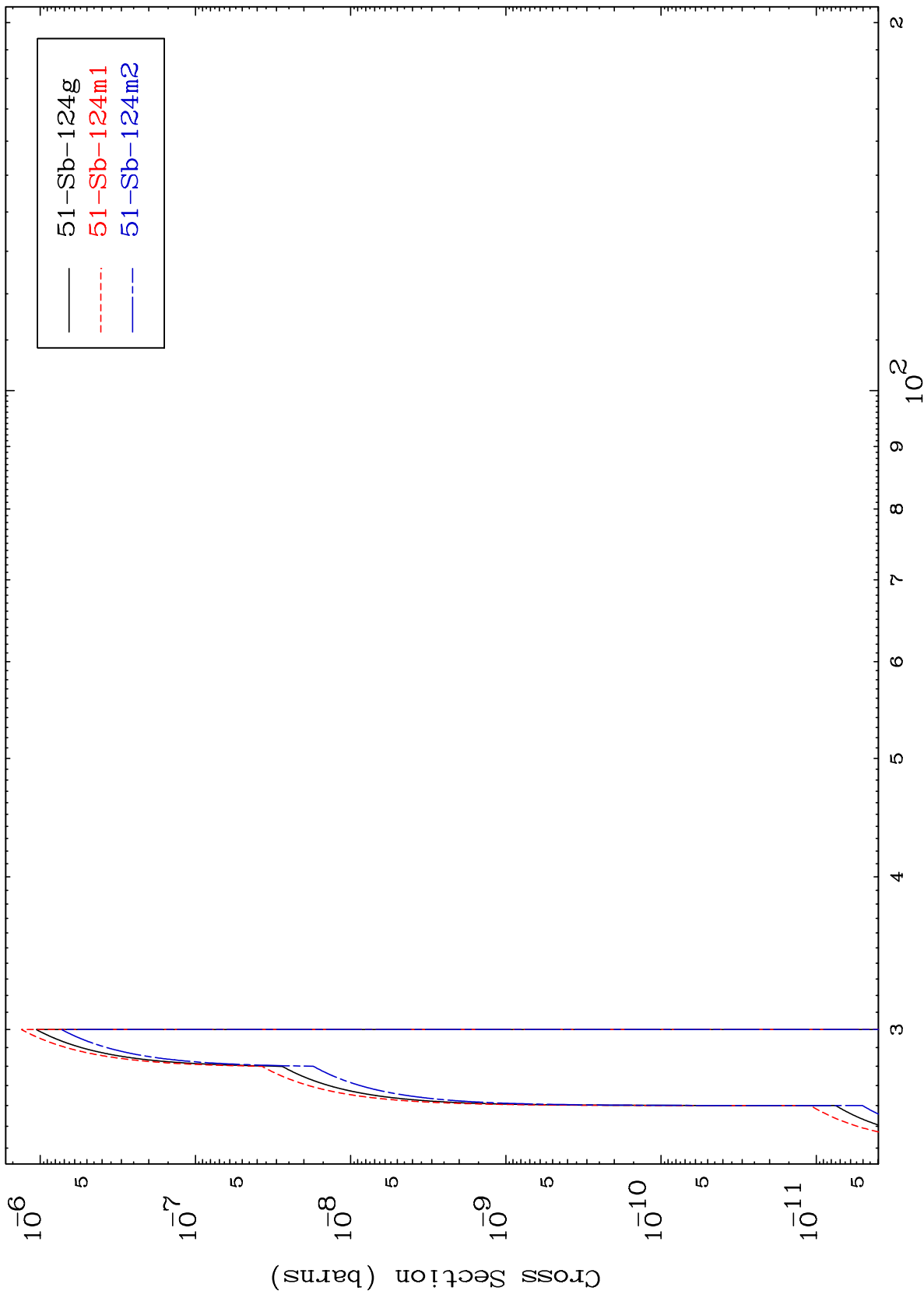
Incident Energy (MeV)

52-Te-127

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52-Te-127

$(\gamma, 2n)$ p
Radionuclide Production Cross Section



52-Te-127

Incident Energy (MeV)

12

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52-Te-127

Radionuclide Production Cross Section

(γ, γ)

10^{-2}

6

10^{-3}

6

10^{-4}

5

10^{-5}

5

10^{-6}

5

Cross Section (barns)



10^0

2

4

6

8

10^1

2

4

6

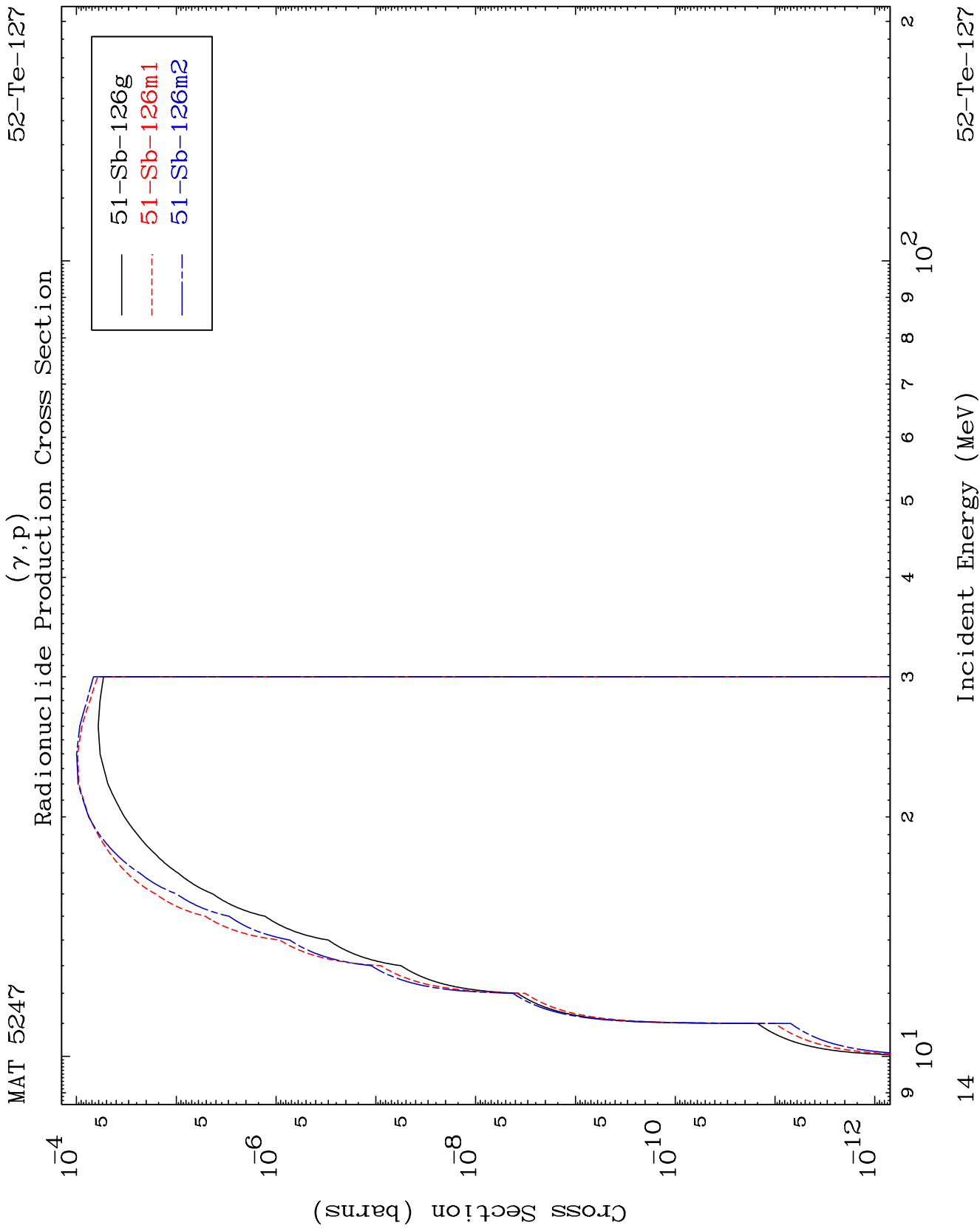
8

10^2

13

Incident Energy (MeV)

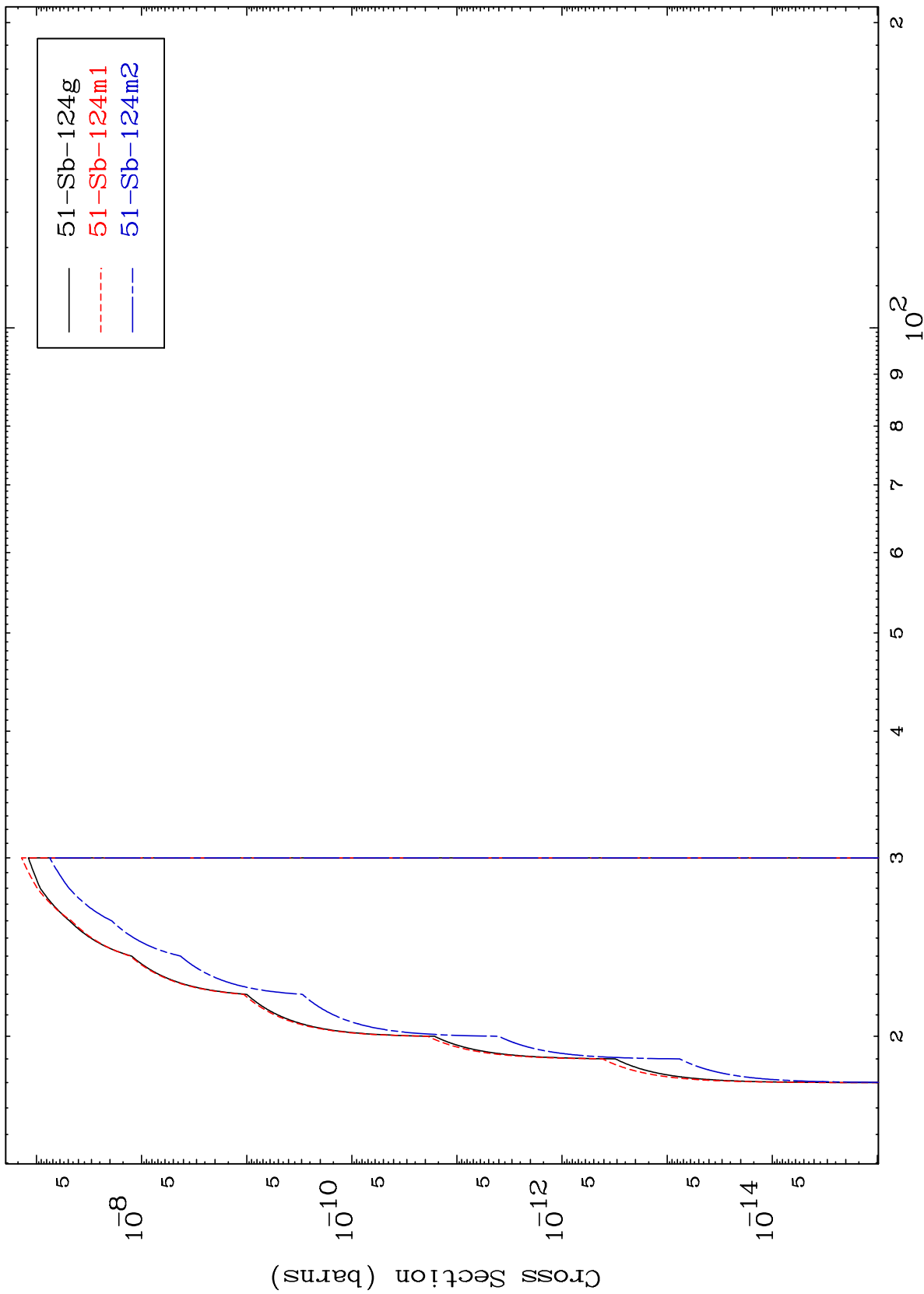
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52-Te-127

(γ, t)
Radionuclide Production Cross Section



15

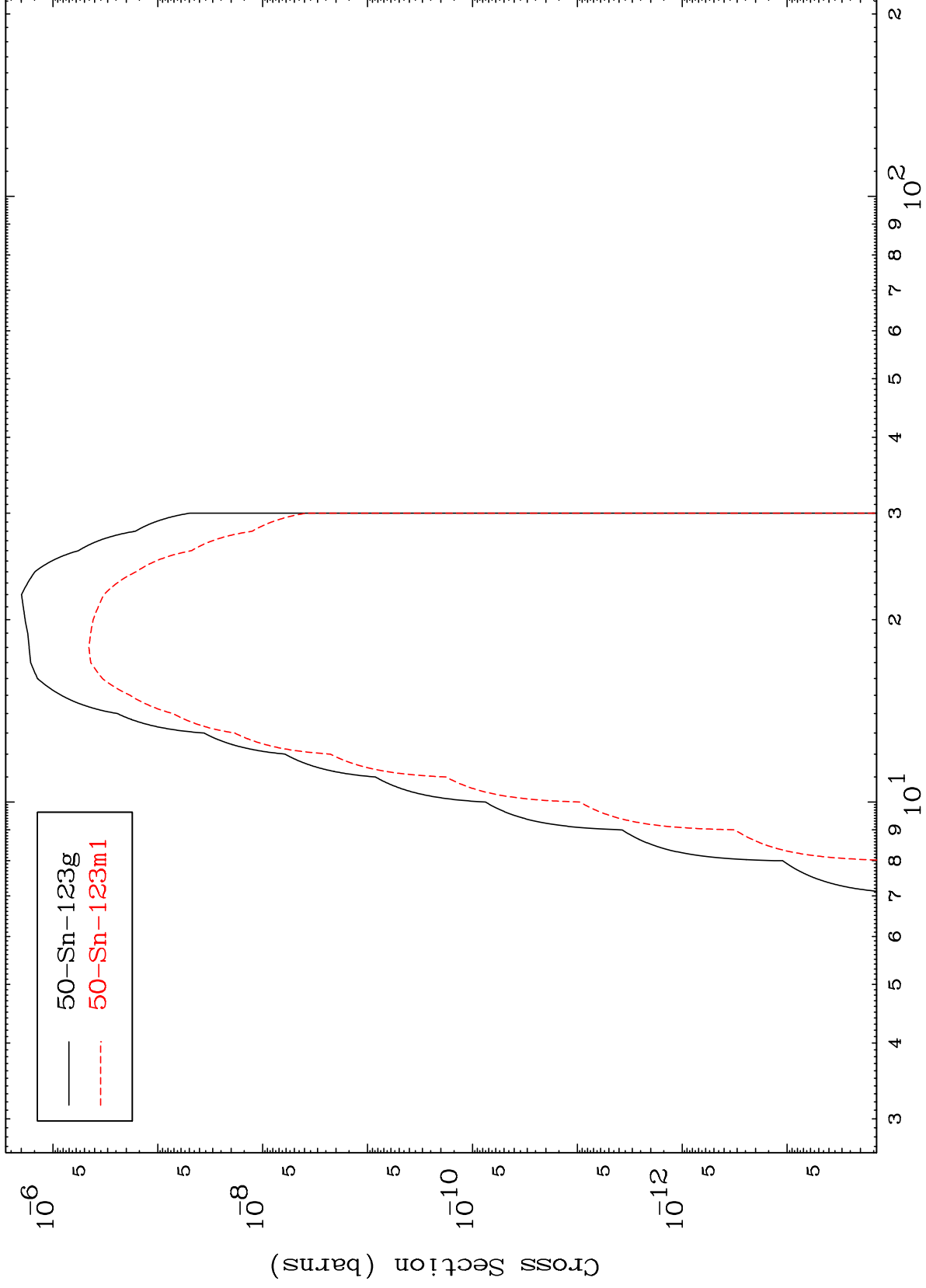
Incident Energy (MeV)

52-Te-127

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Radionuclide Production Cross Section
(γ, α)



52-Te-127

Incident Energy (MeV)

16