

Program EVALPLOT
(Version 2017-1)

by

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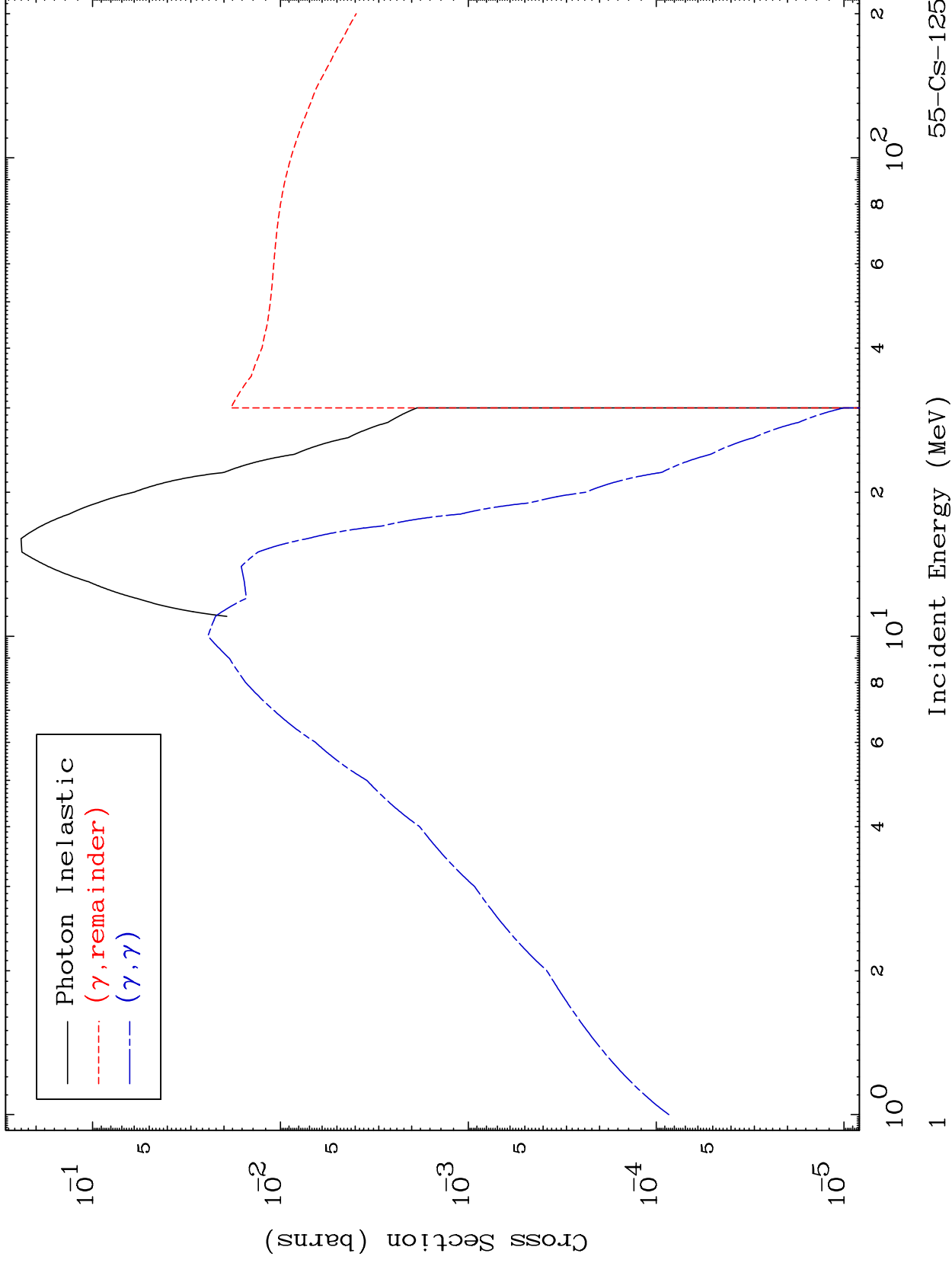
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5501

Photon Major
0 Kelvin Cross Sections

55-Cs-125



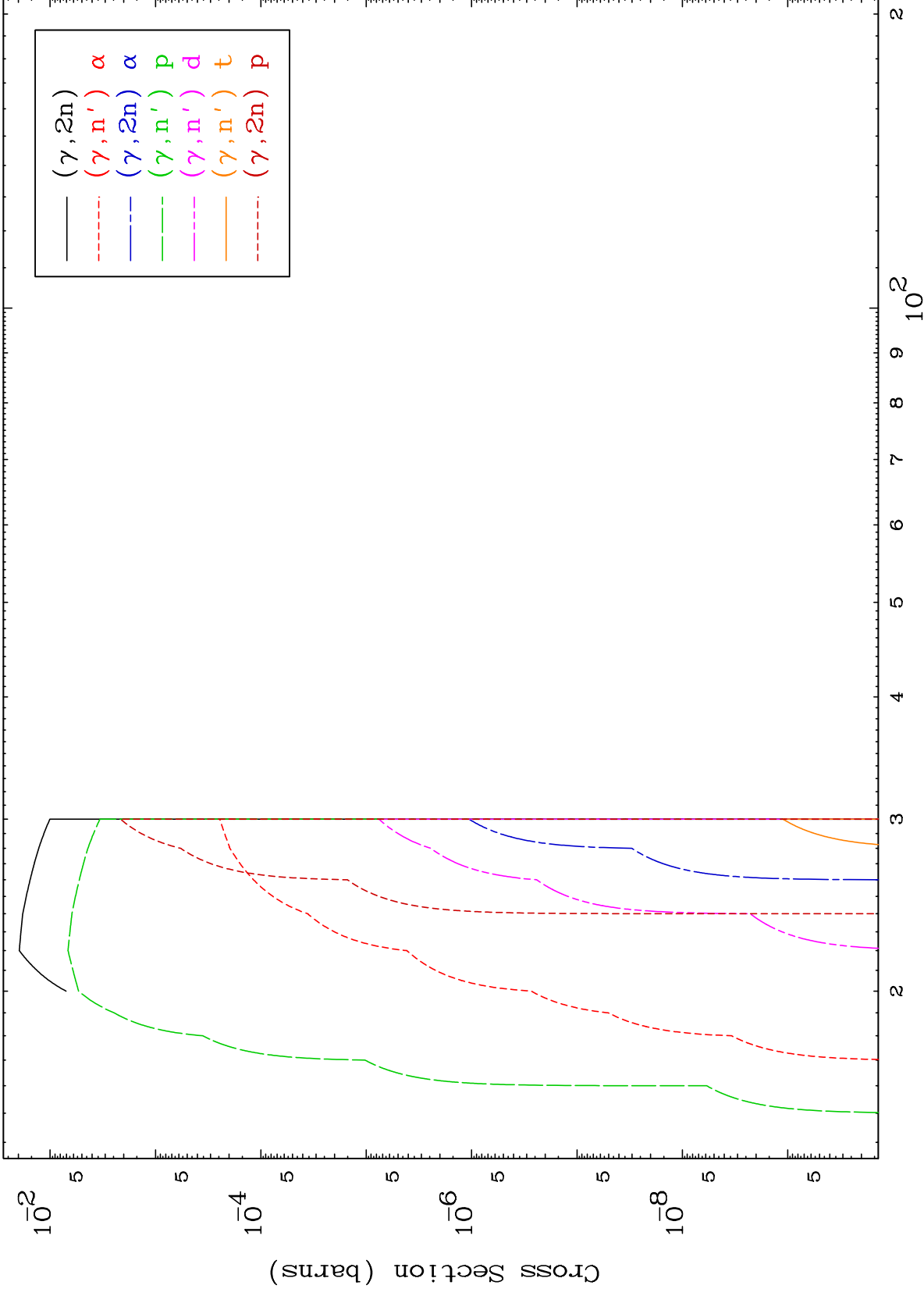
55-Cs-125

Incident Energy (MeV)

MAT 5501

Photon Neutron Production
0 Kelvin Cross Sections

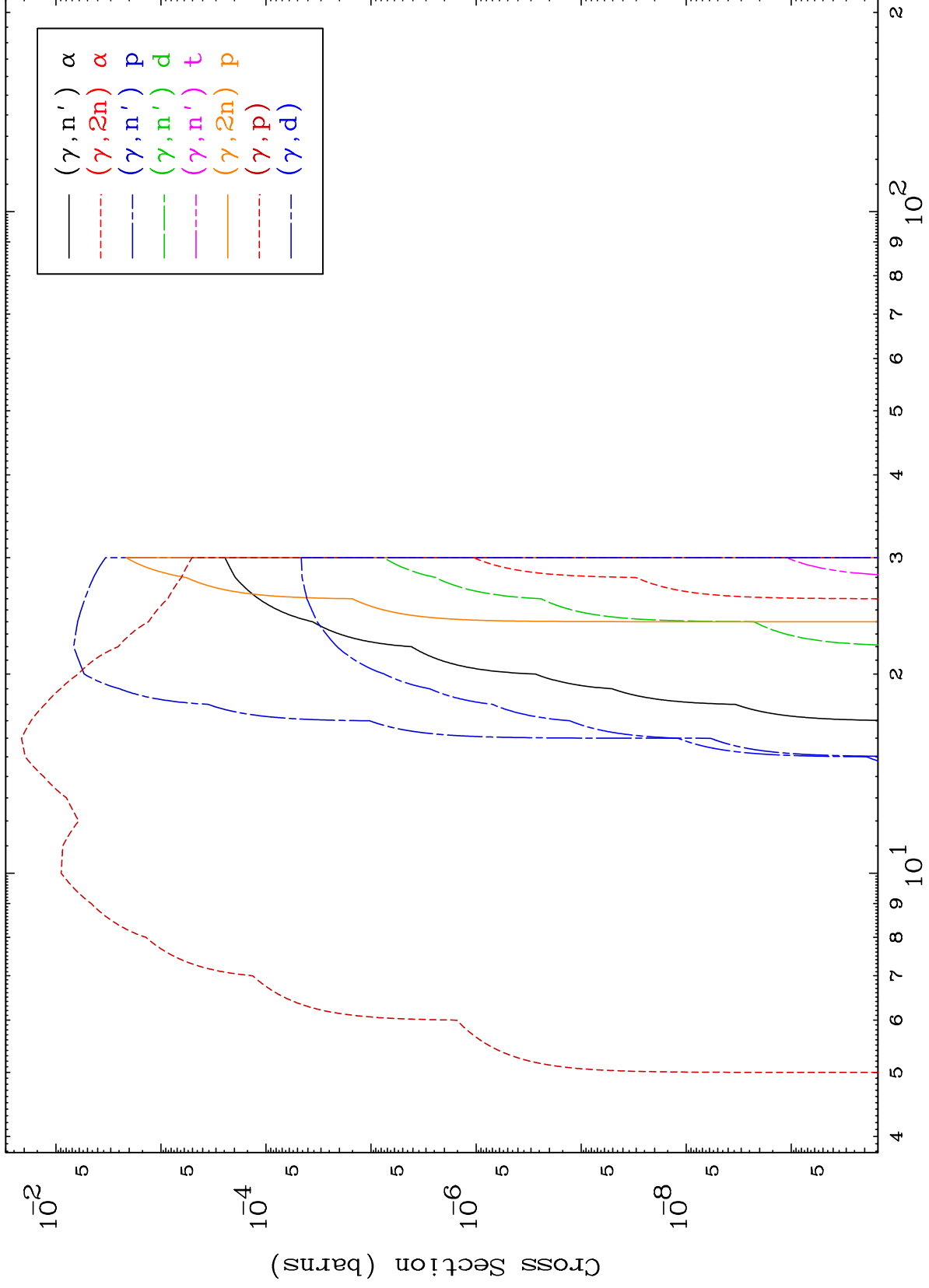
55-Cs-125



2

Incident Energy (MeV)

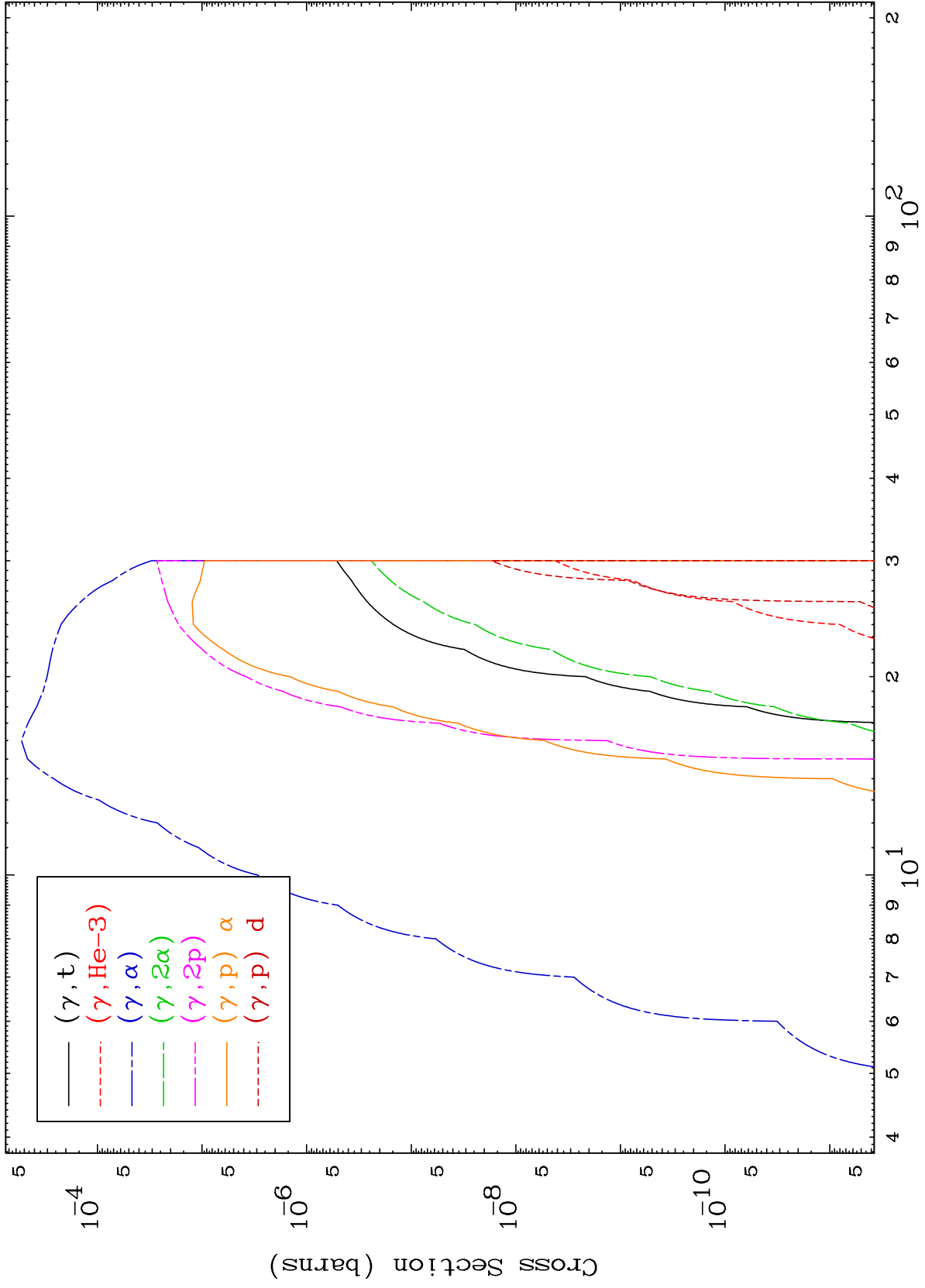
55-Cs-125



MAT 5501

Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-125



4

Incident Energy (MeV)

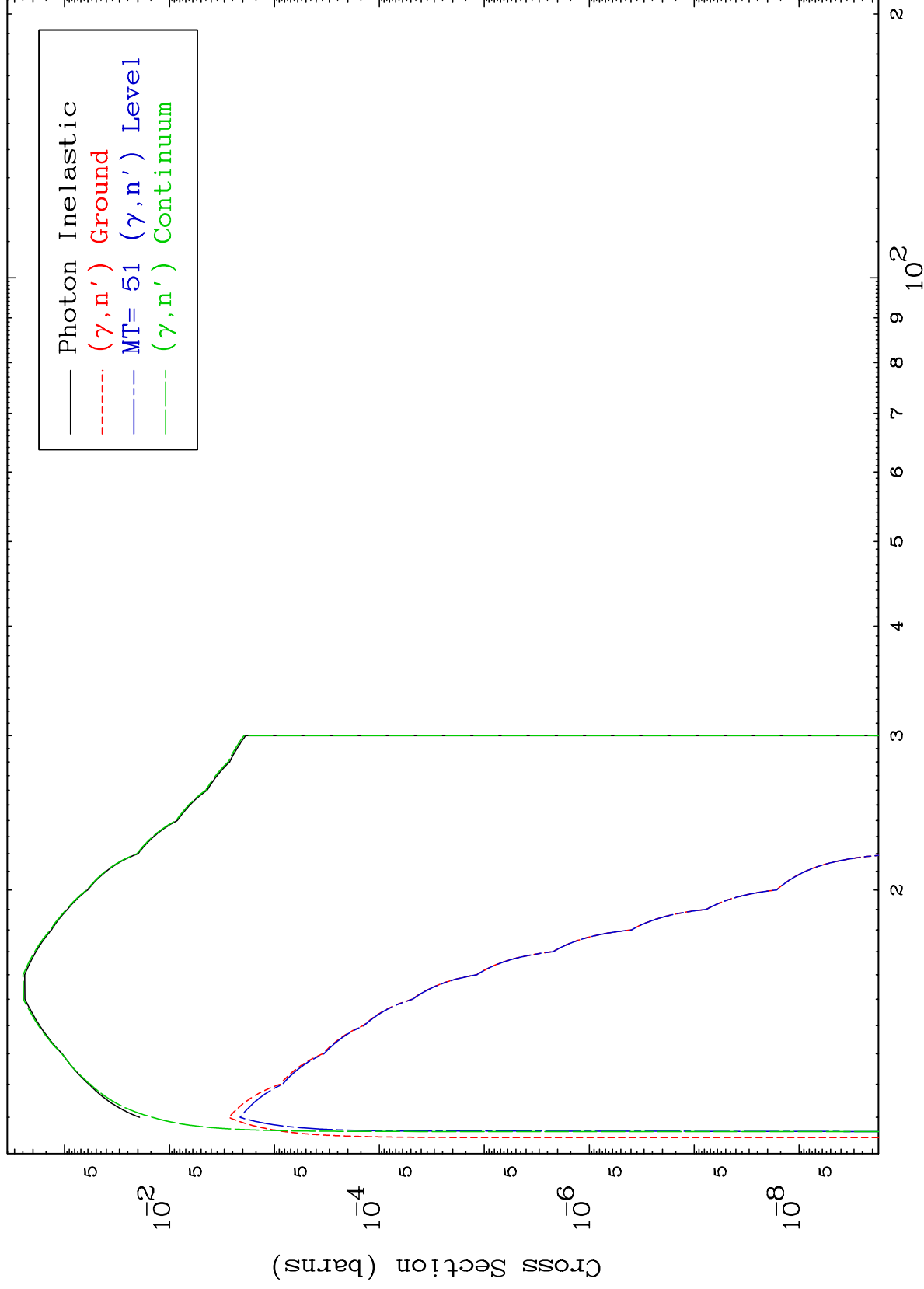
55-Cs-125

MAT 5501

(γ, n') Level

55-Cs-125

0 Kelvin Cross Sections



5

Incident Energy (MeV)

55-Cs-125

10^2

2

2

5

10^{-8}

10^{-6}

10^{-4}

10^{-2}

5

5

5

5

5

5

5

5

5

5

5

5

5

5

5

5

5

5

5

5

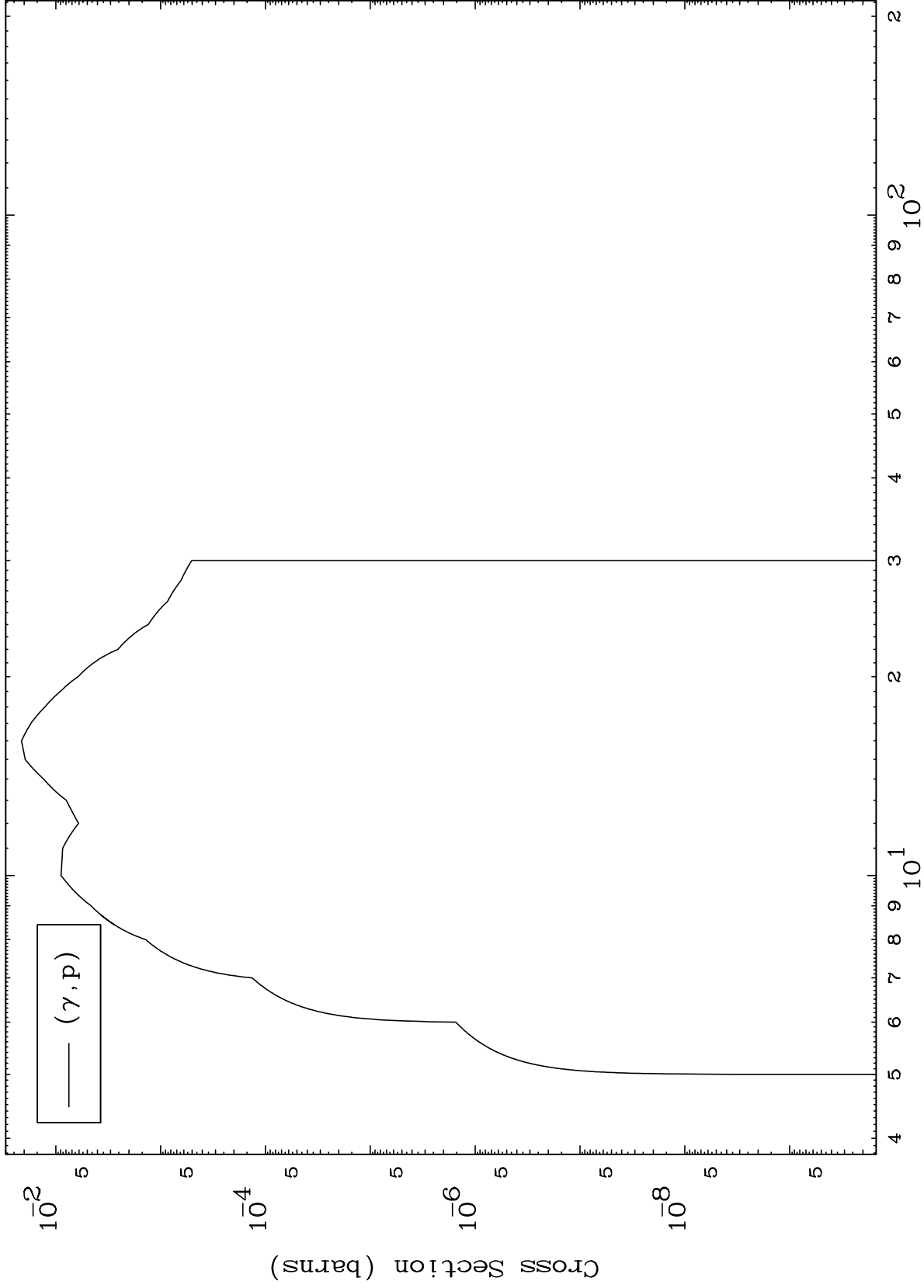
5

5

MAT 5501

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-125



6

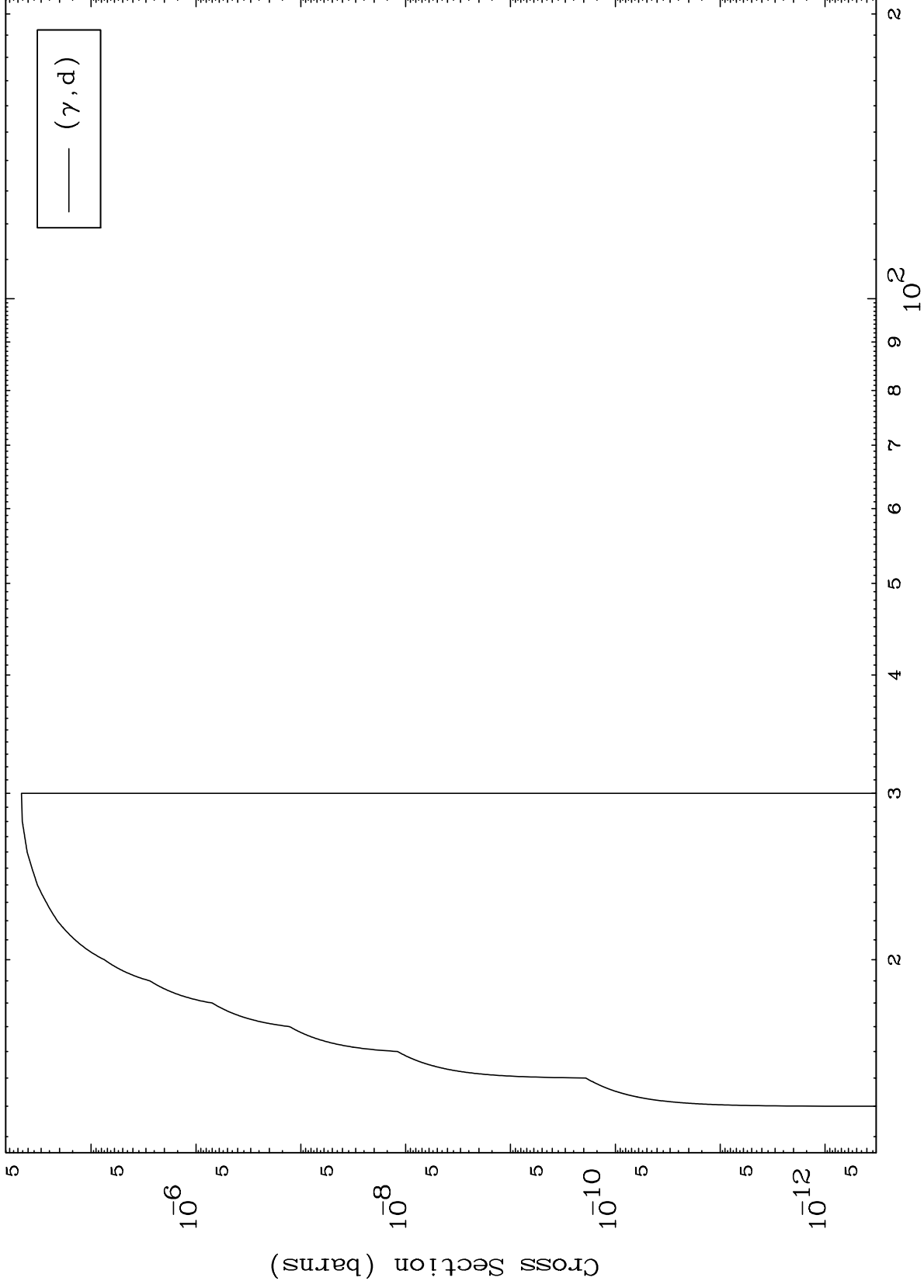
Incident Energy (MeV)

55-Cs-125

MAT 5501

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-125



7

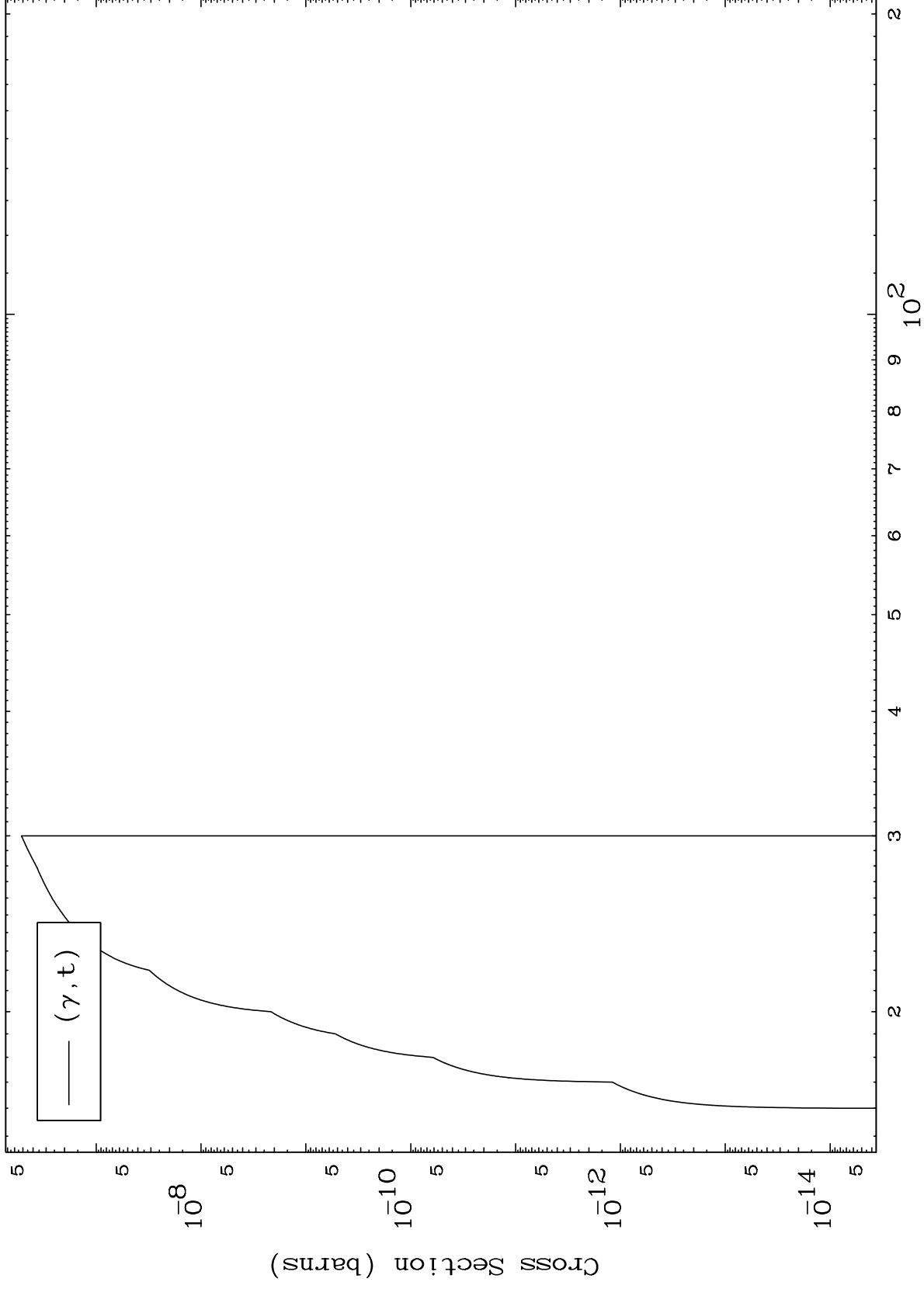
Incident Energy (MeV)

55-Cs-125

MAT 5501

(γ, t) Levels
0 Kelvin Cross Sections

55-Cs-125



8

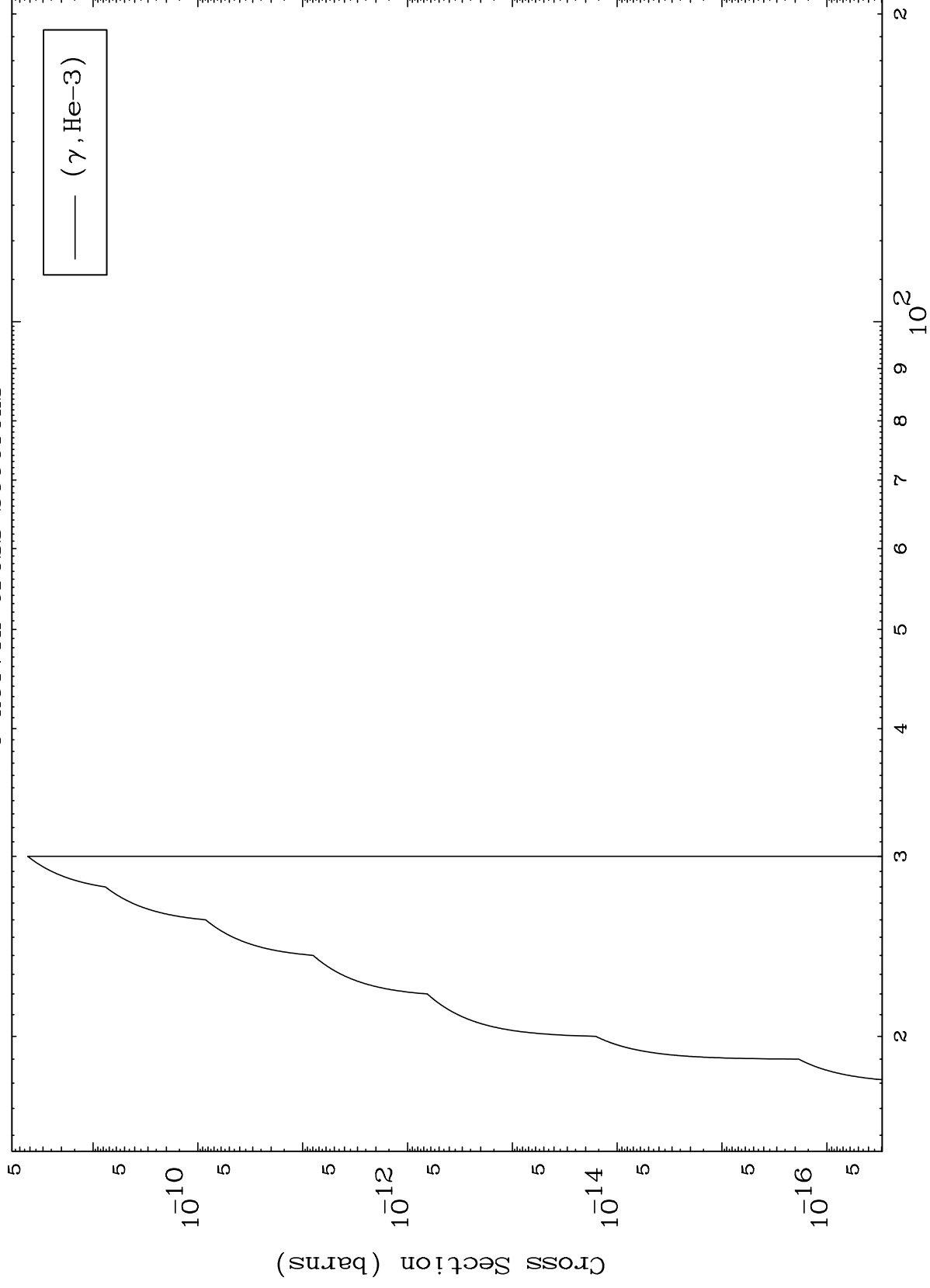
Incident Energy (MeV)

55-Cs-125

MAT 5501

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

55-Cs-125



9

Incident Energy (MeV)

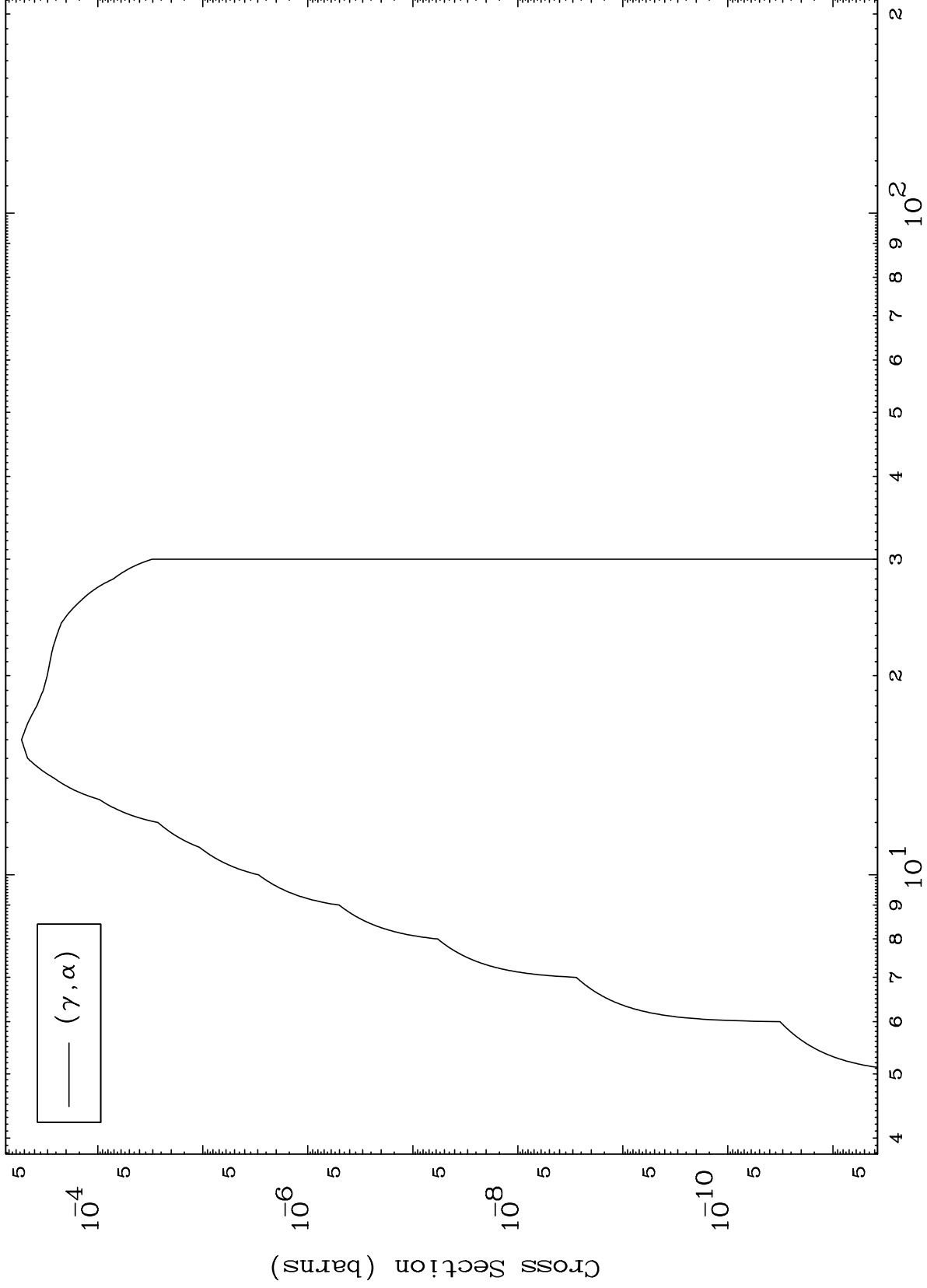
55-Cs-125

MAT 5501

(γ, α) Levels

55-Cs-125

0 Kelvin Cross Sections



10

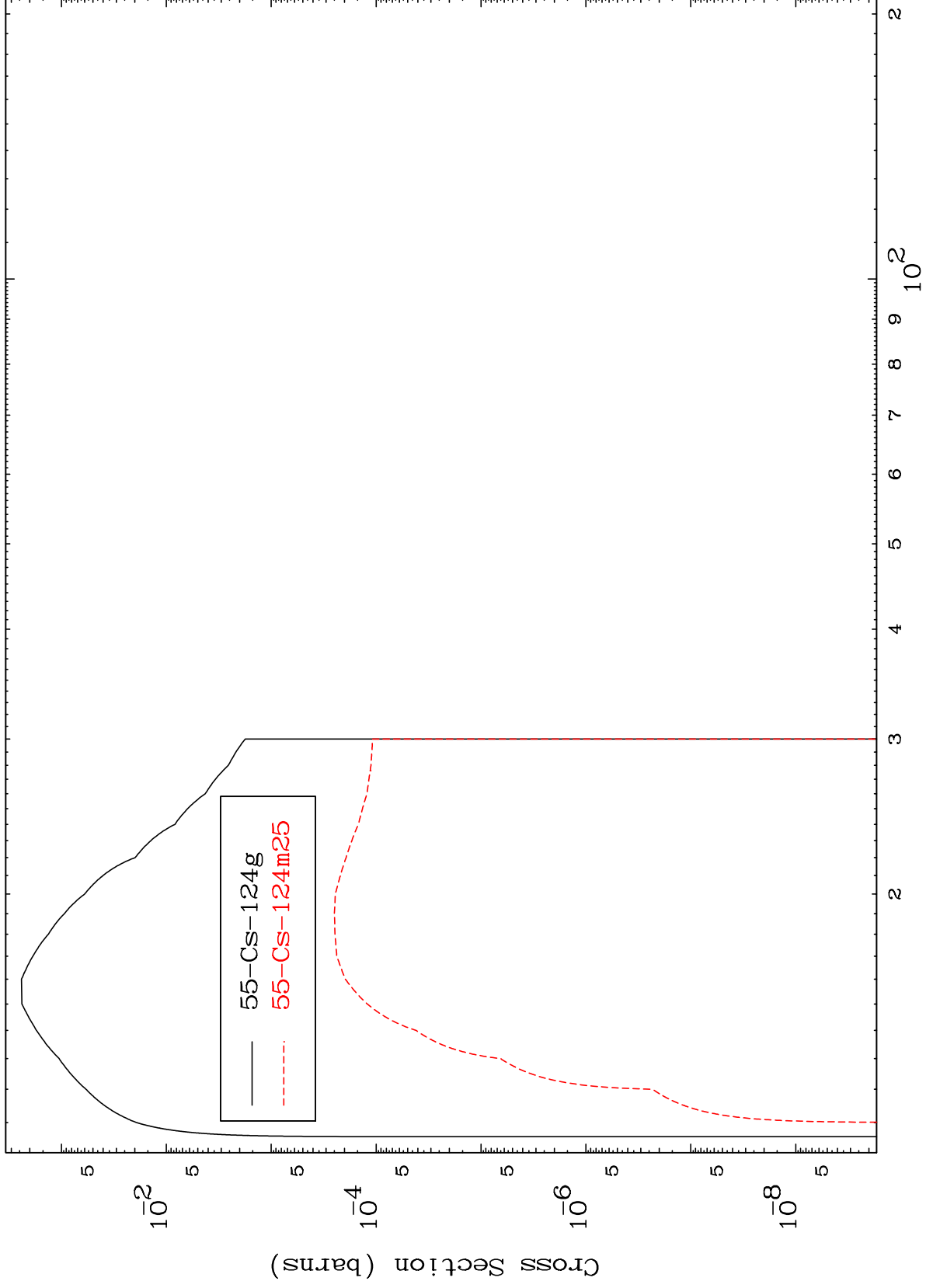
Incident Energy (MeV)

55-Cs-125

MAT 5501

Photon Inelastic
Radionuclide Production Cross Section

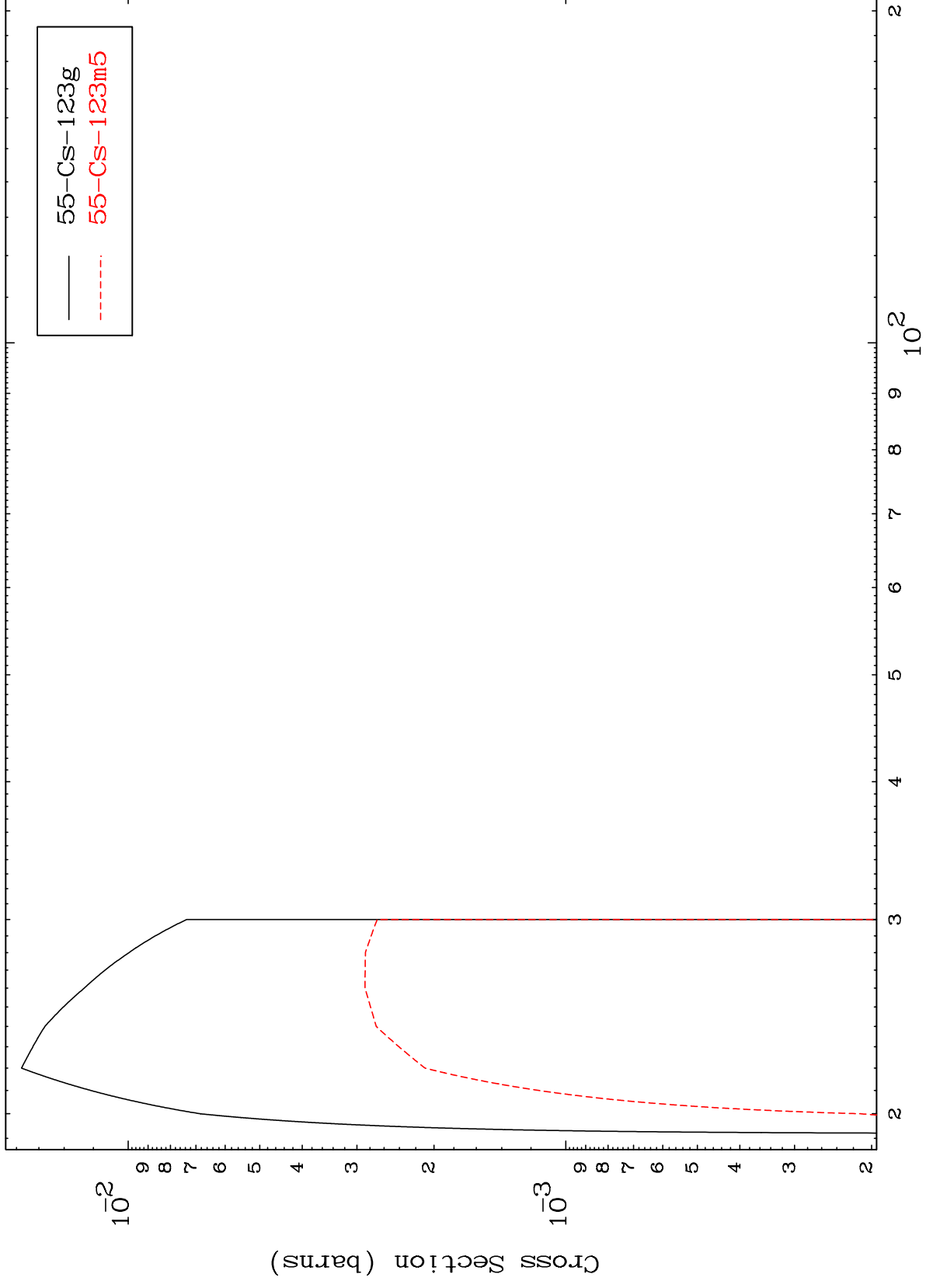
55-Cs-125



MAT 5501

55-Cs-125

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



12

Incident Energy (MeV)

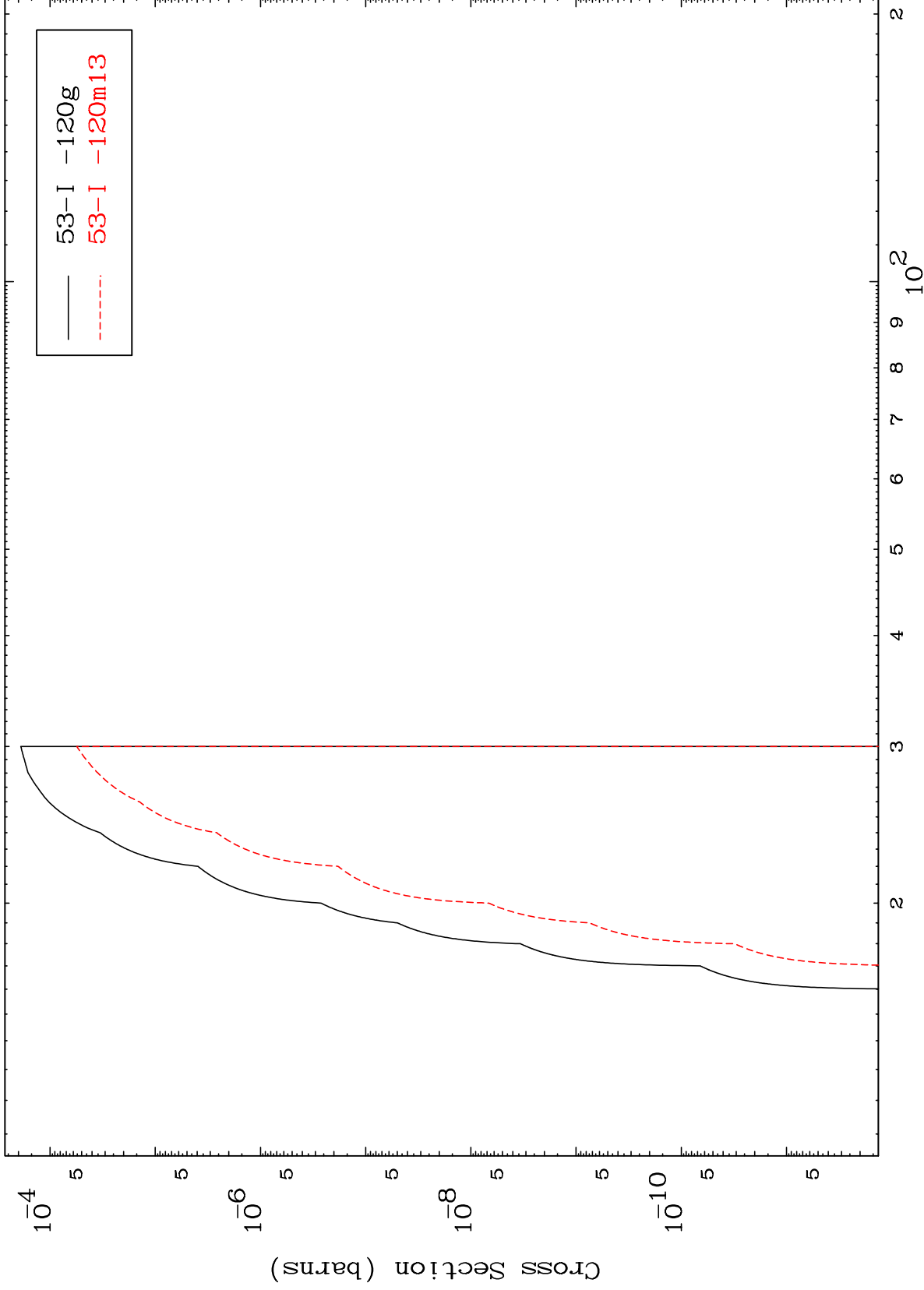
55-Cs-125

MAT 5501

55-Cs-125

(γ, n') α

Radionuclide Production Cross Section



13

Incident Energy (MeV)

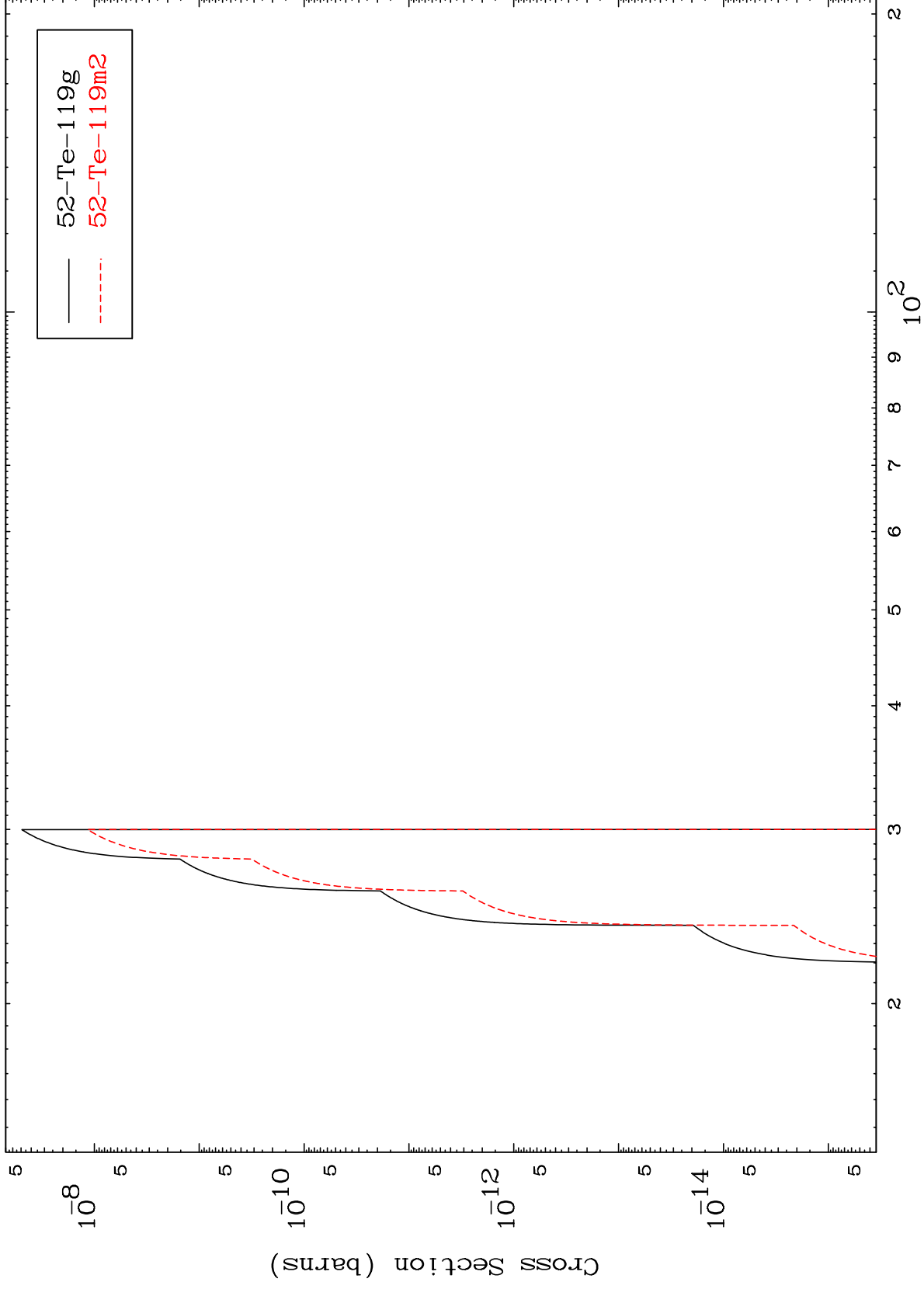
55-Cs-125

MAT 5501

(γ, n') p α

55-Cs-125

Radionuclide Production Cross Section



14

Incident Energy (MeV)

55-Cs-125