

Program EVALPLOT
(Version 2021-1)

by

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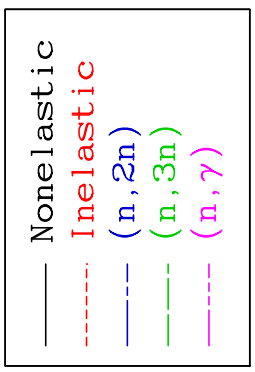
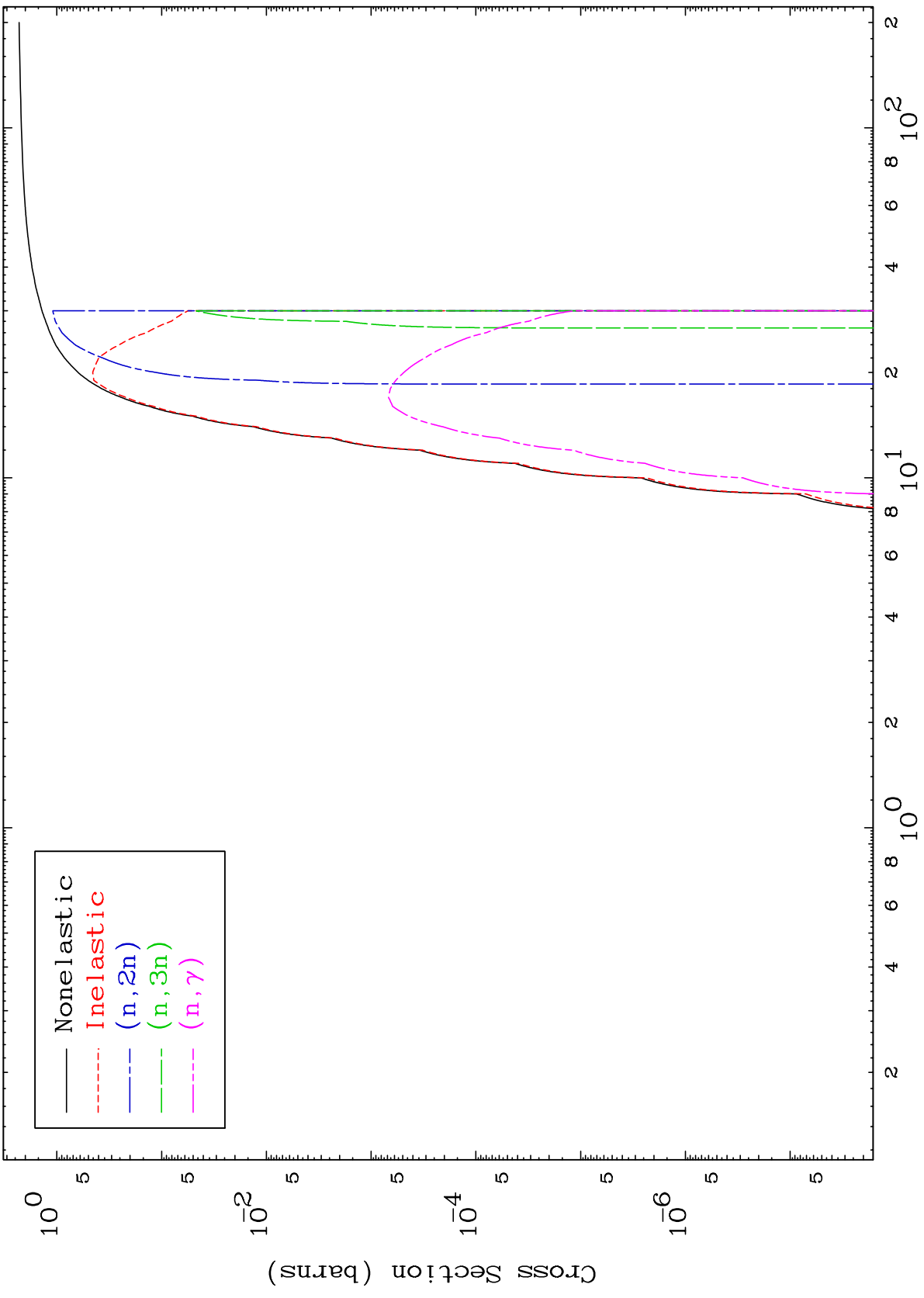
Press Mouse Button to Start

MAT 5628

α Major

56-Ba-131

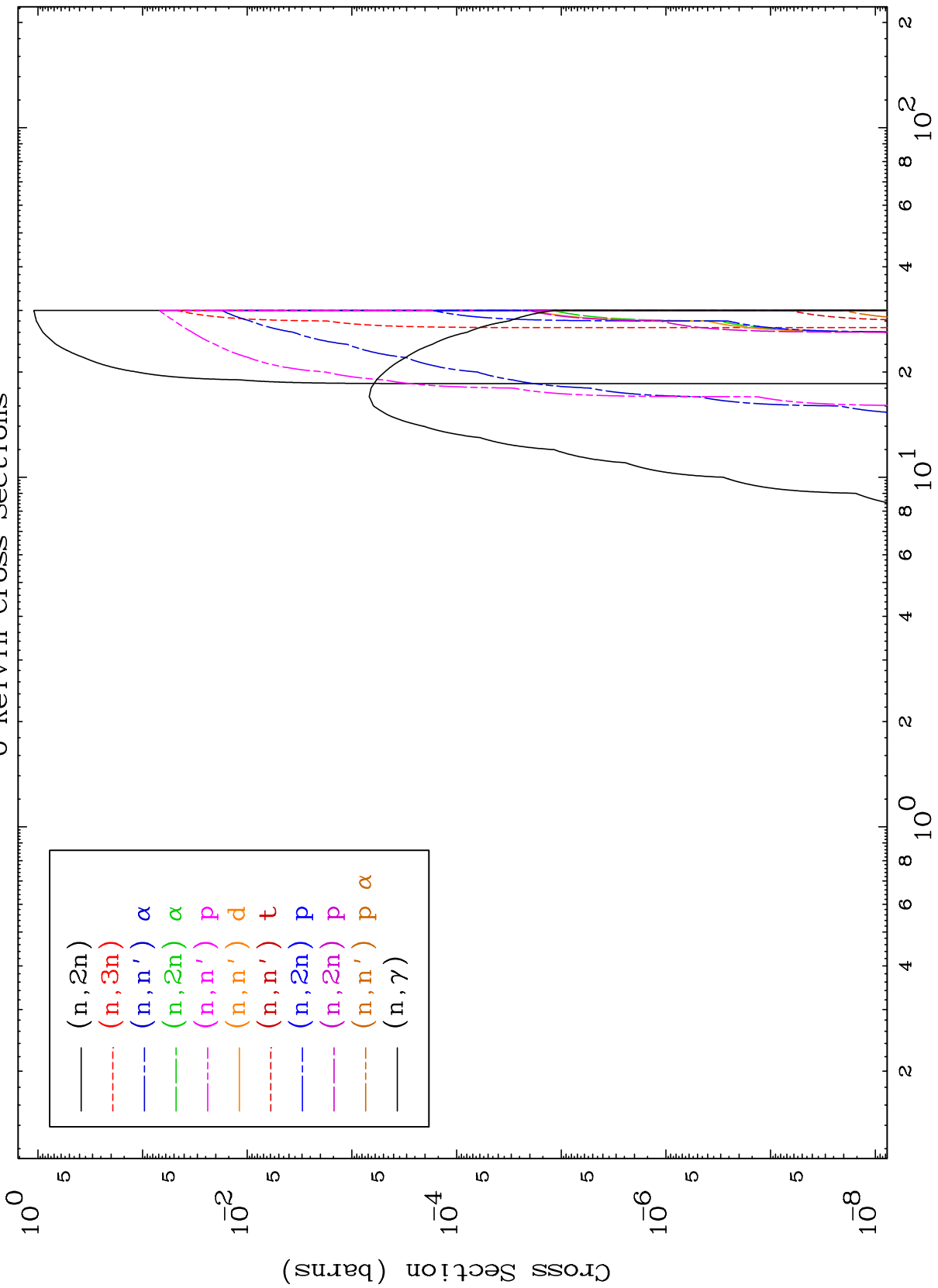
0 Kelvin Cross Sections



MAT 5628

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131



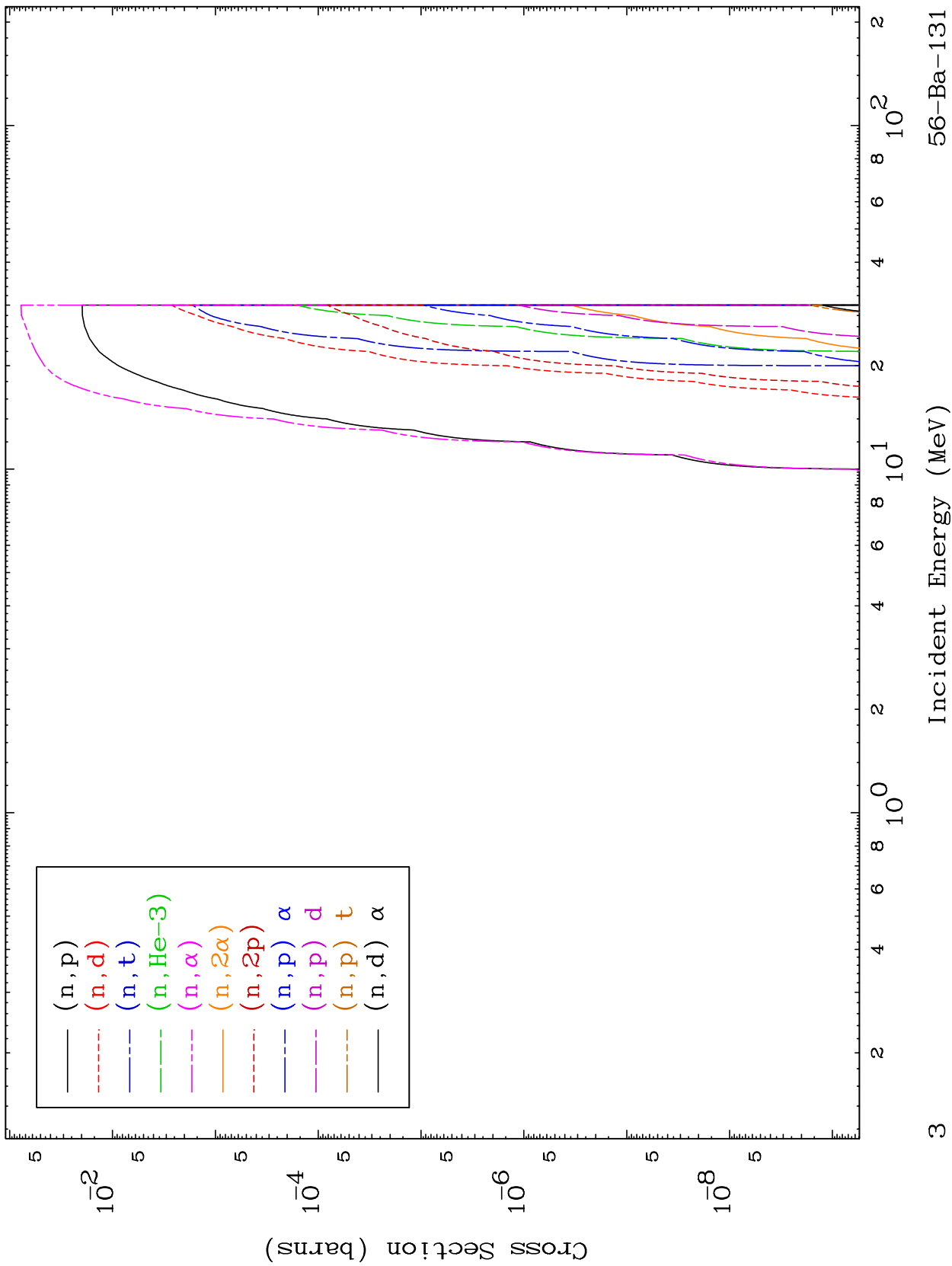
Incident Energy (MeV)

56-Ba-131

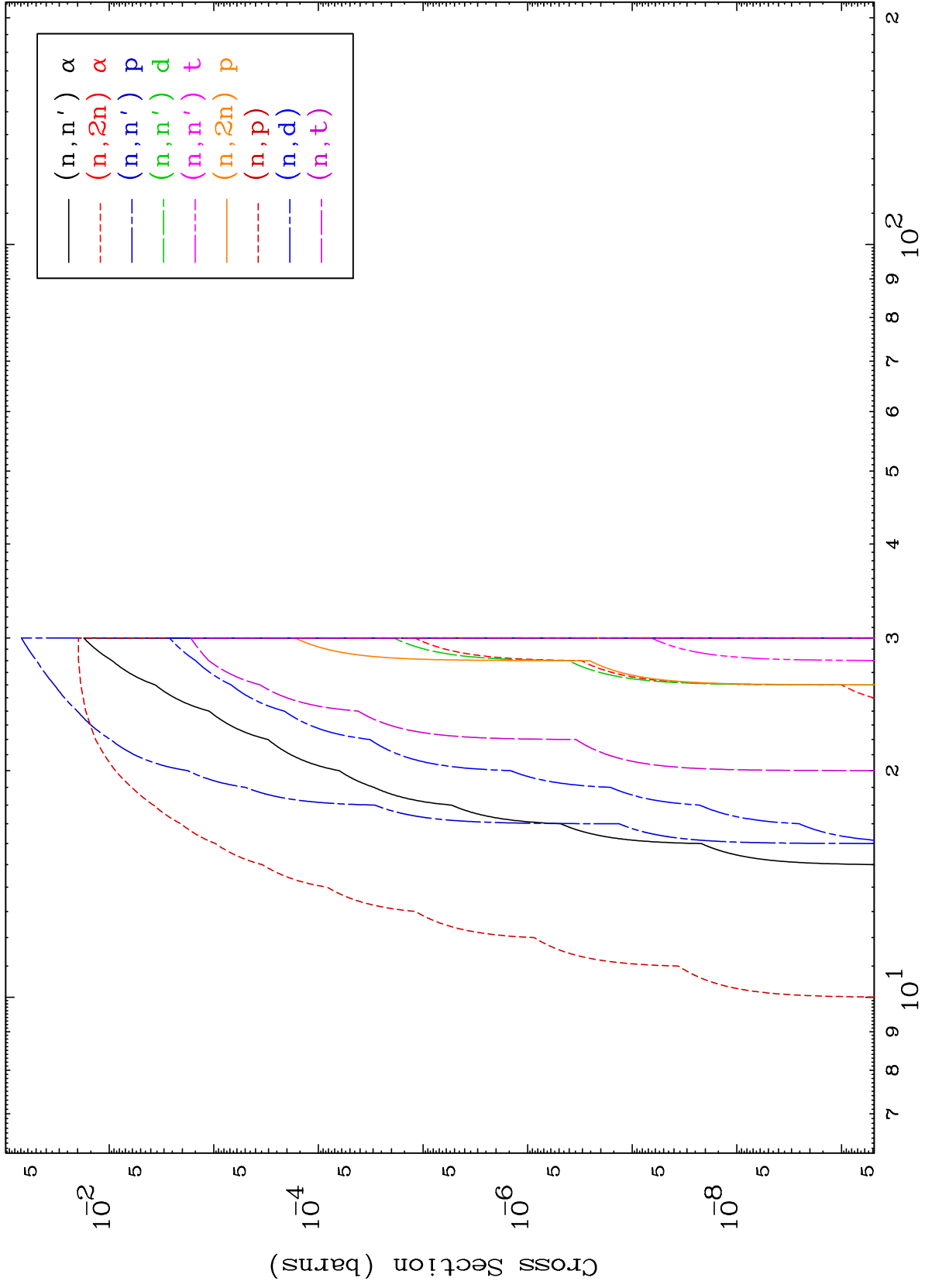
MAT 5628

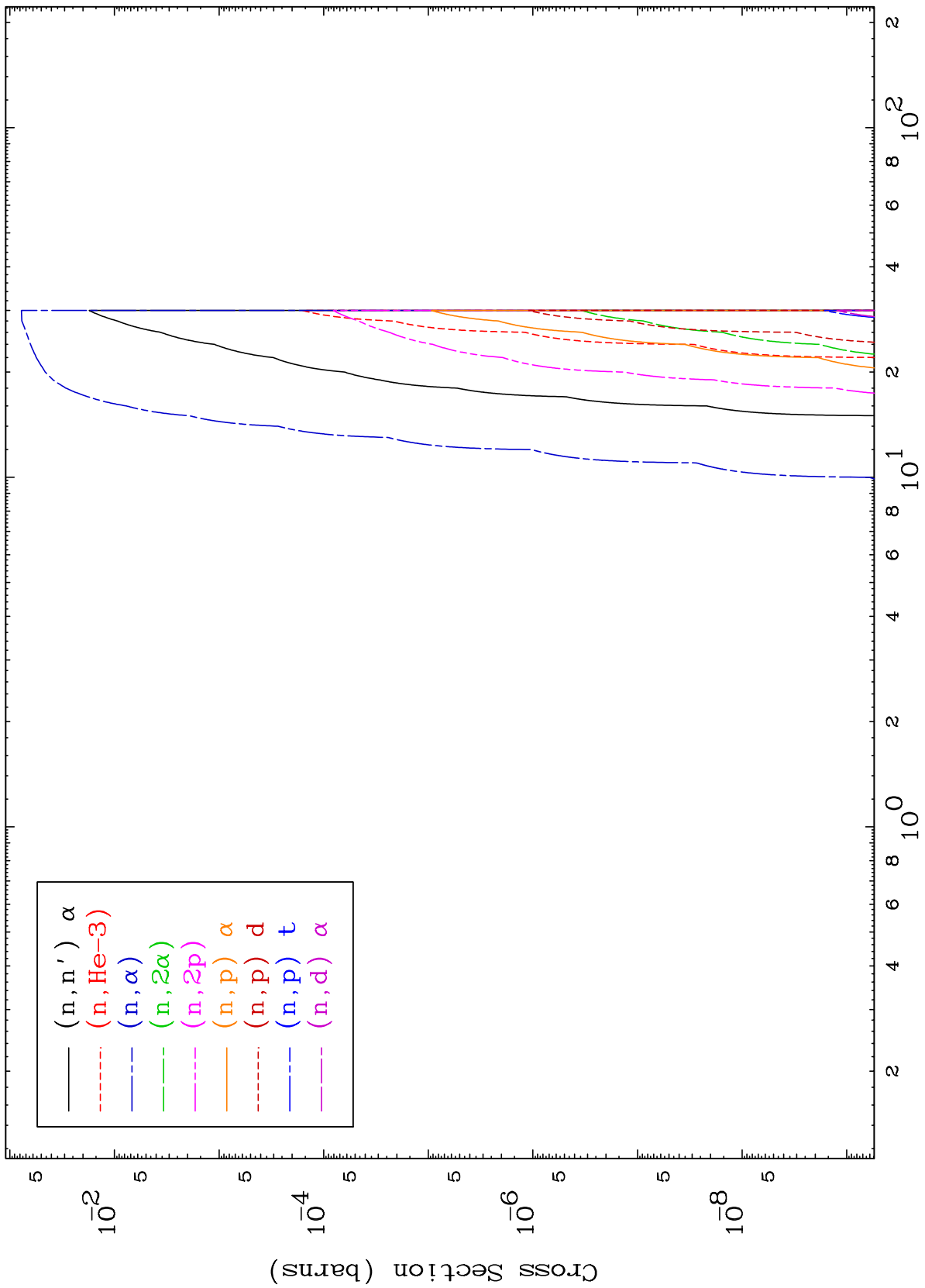
α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131



56-Ba-131

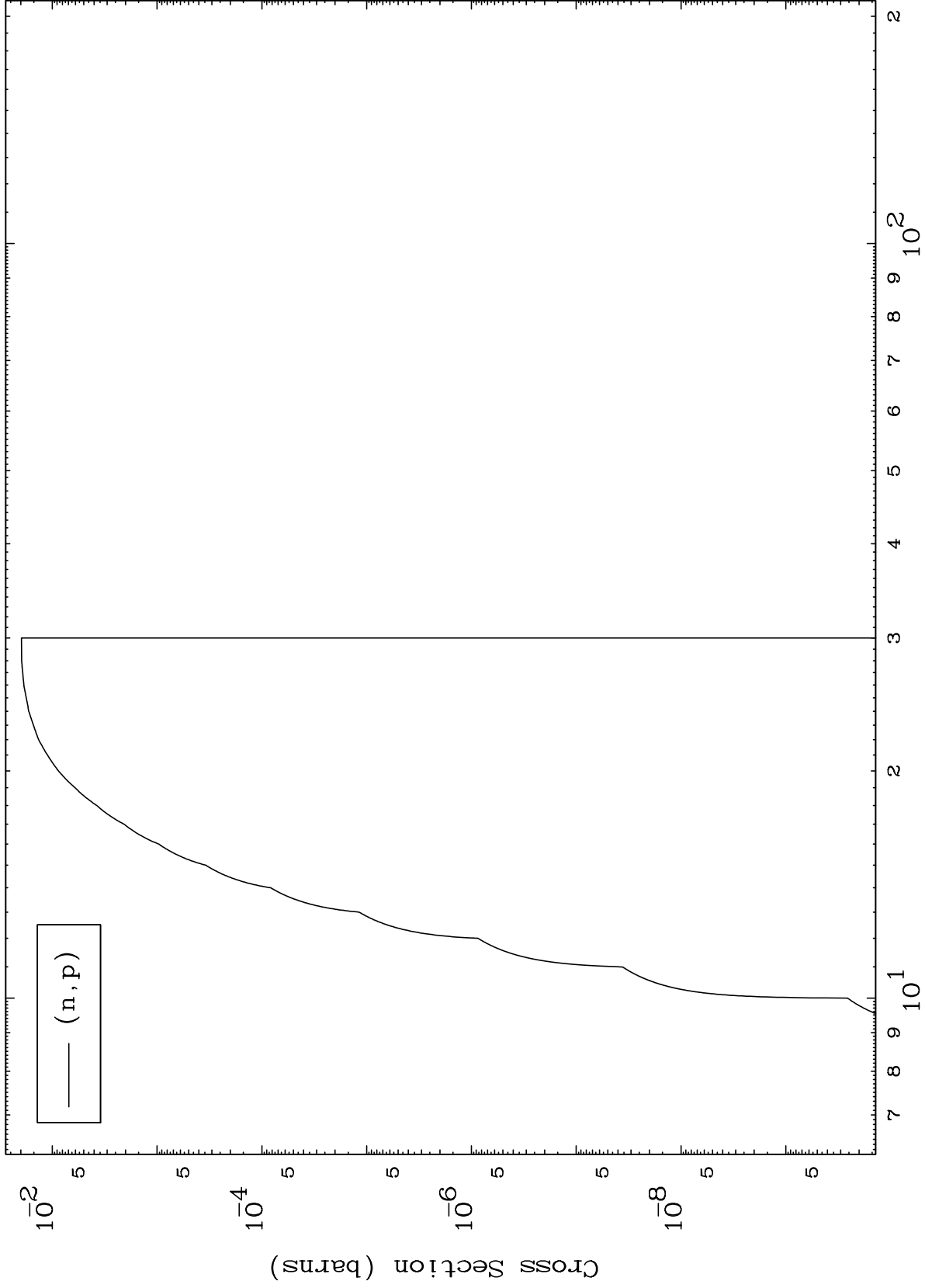




MAT 5628

56-Ba-131

(α, p) Levels
0 Kelvin Cross Sections



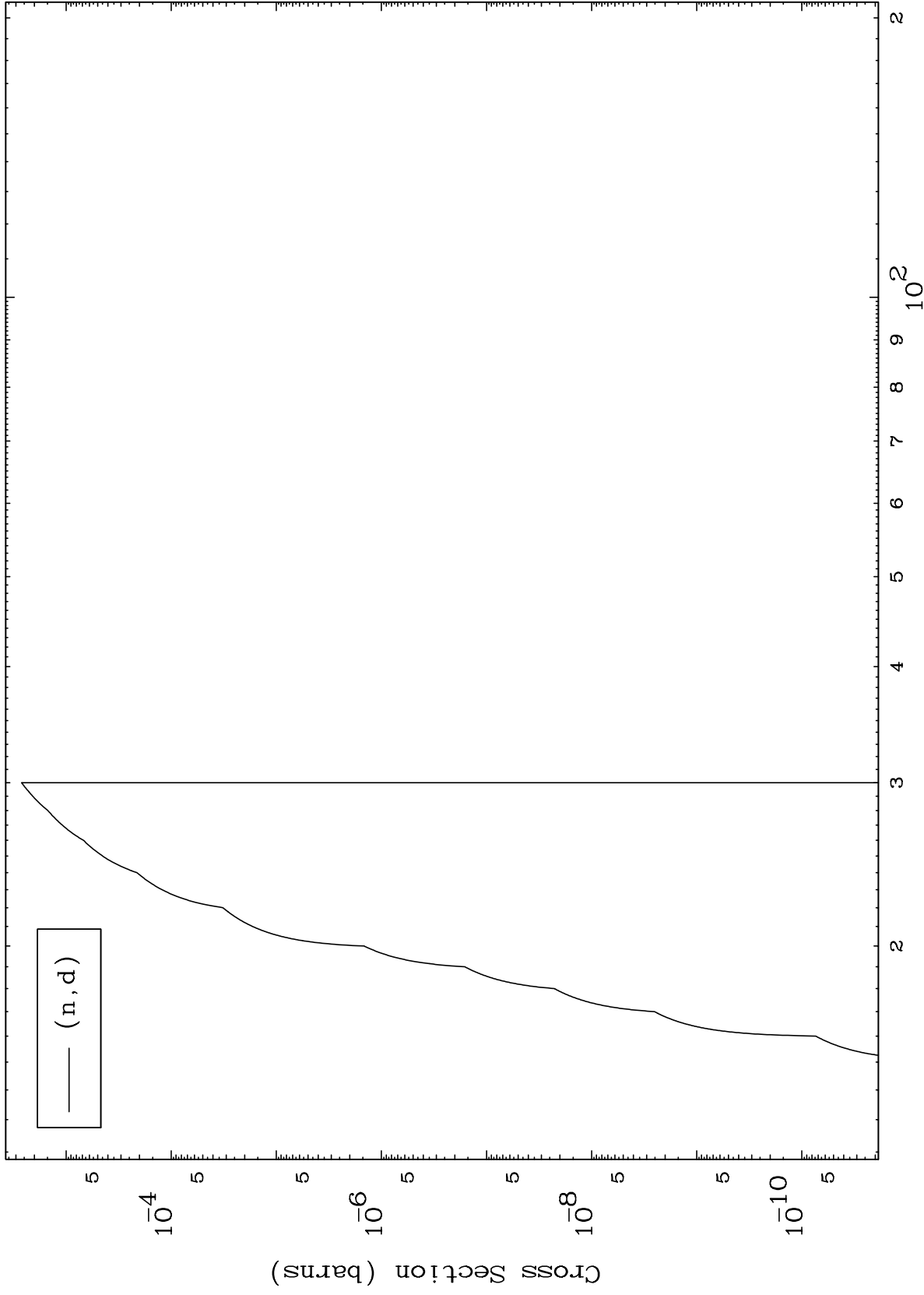
6

56-Ba-131

MAT 5628

(α, d) Levels
0 Kelvin Cross Sections

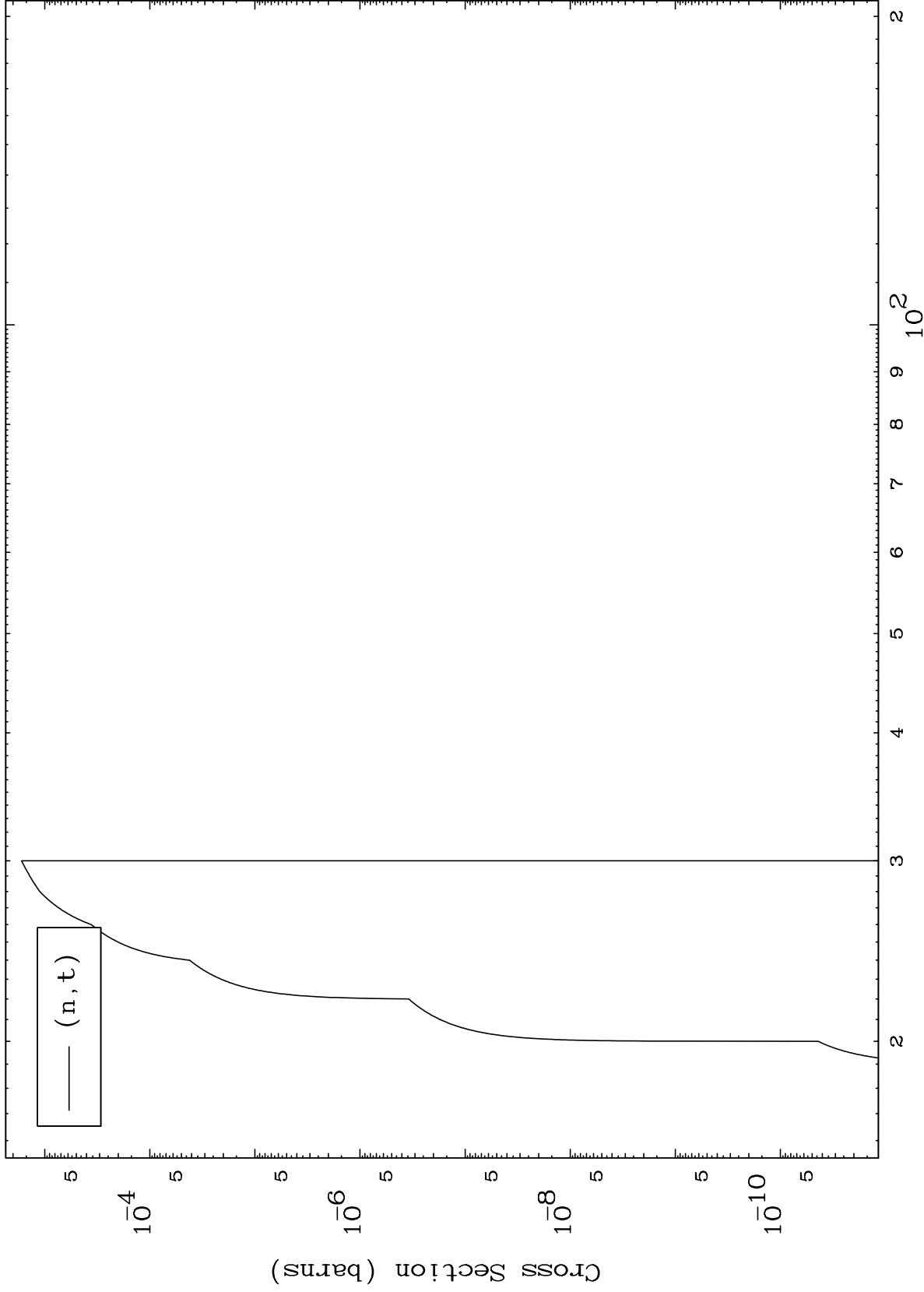
56-Ba-131



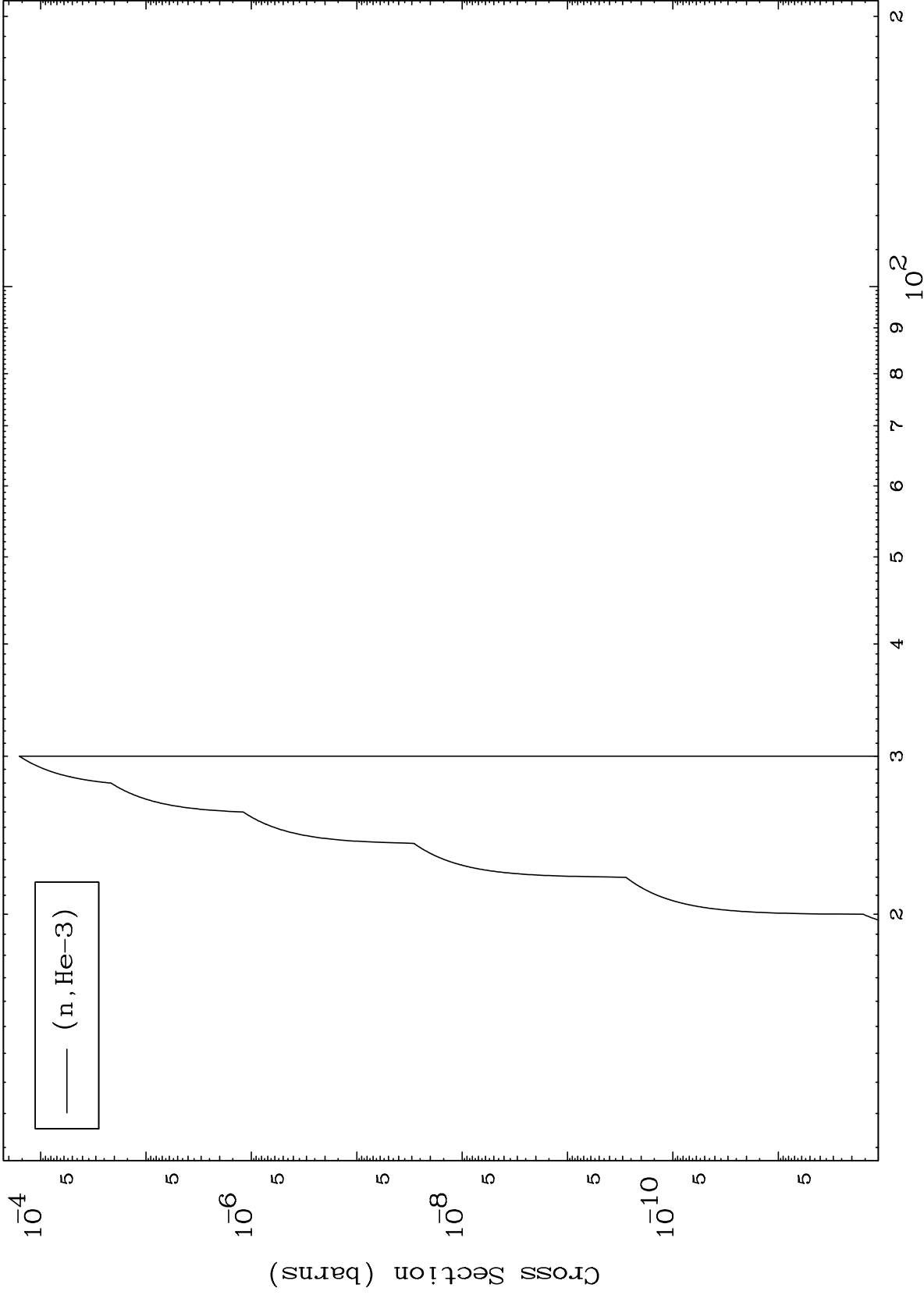
7

Incident Energy (MeV)

56-Ba-131



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

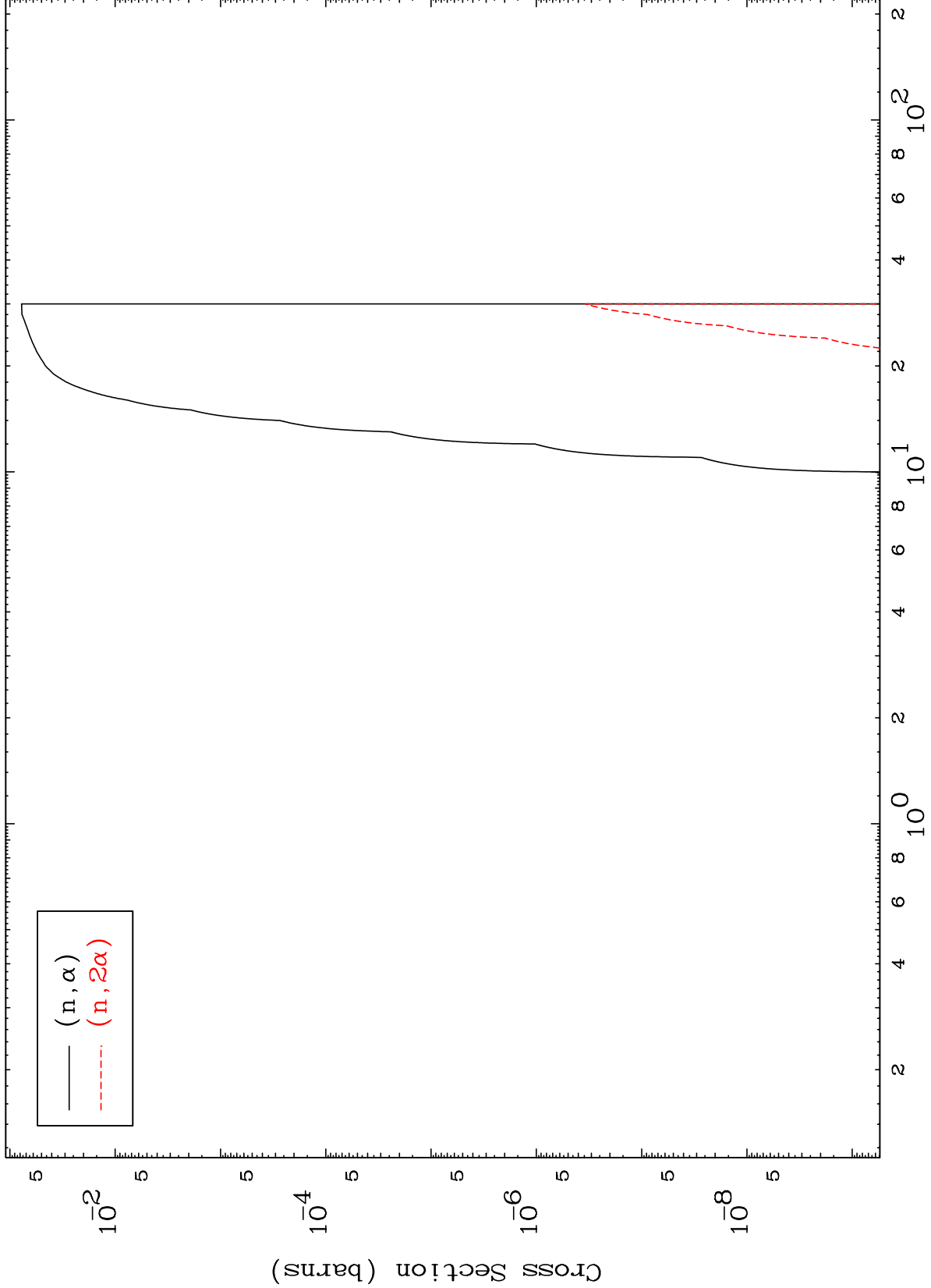


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(α, α) Levels

56-Ba-131

0 Kelvin Cross Sections



10

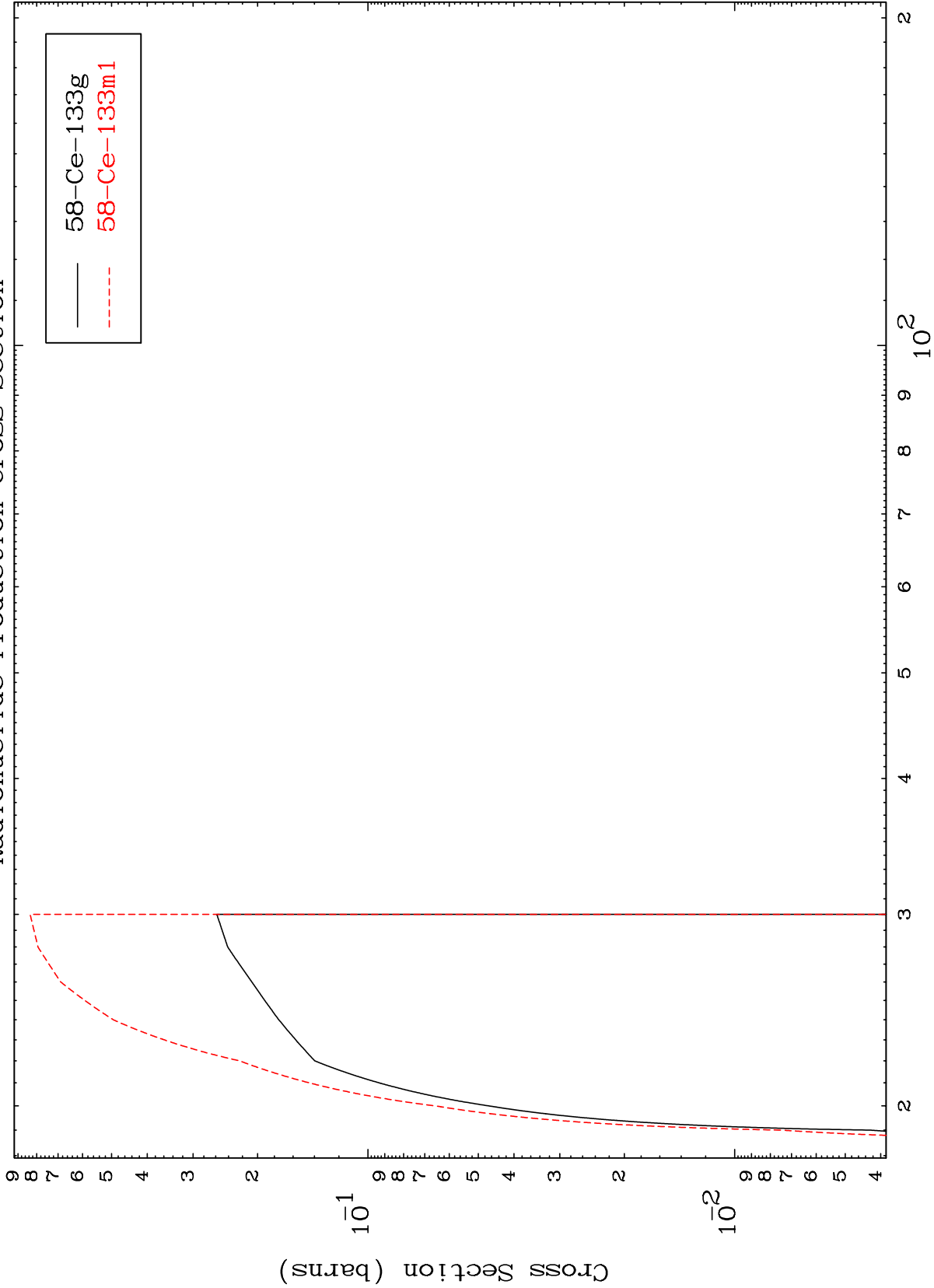
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

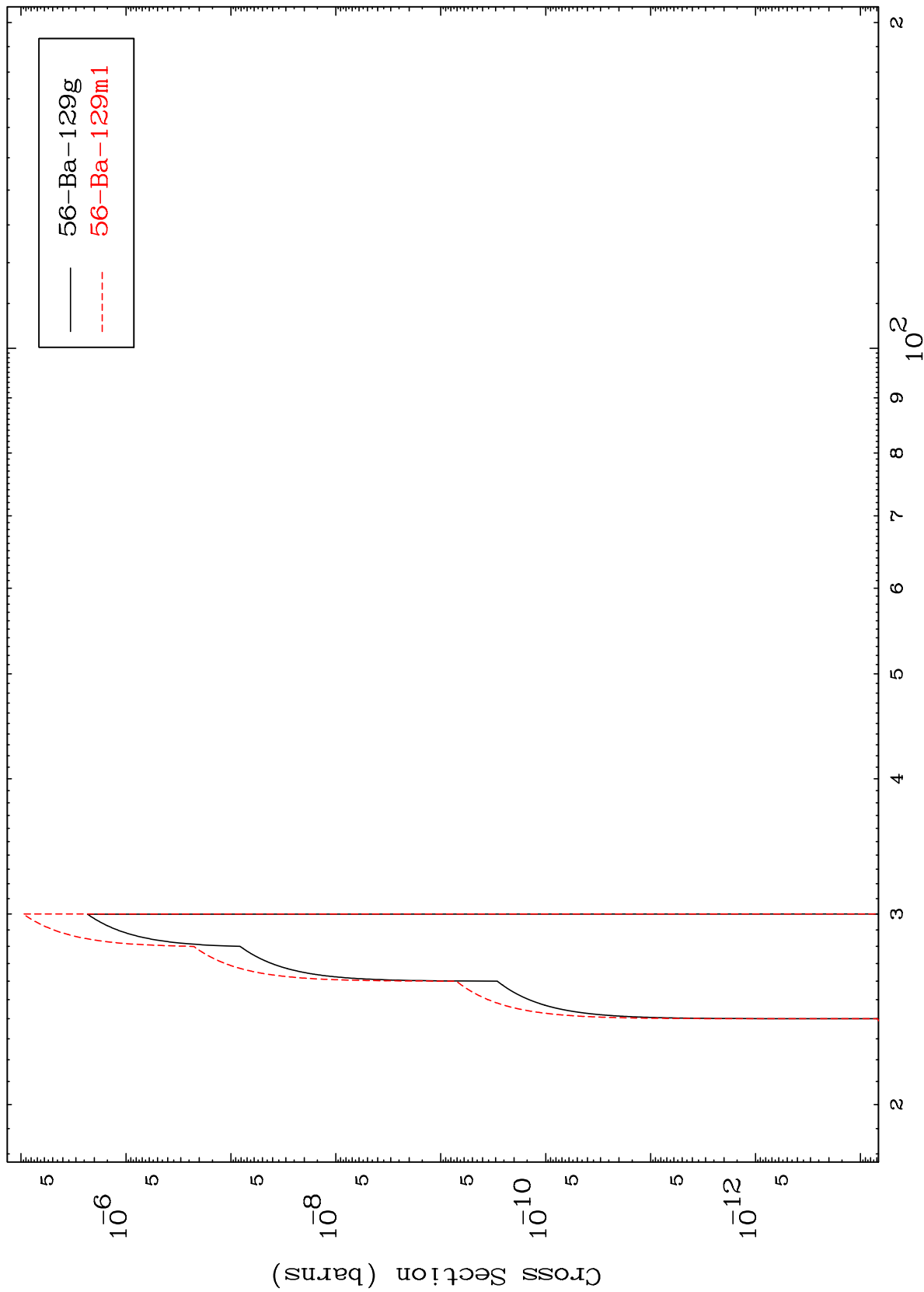
56-Ba-131

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56-Ba-131

(n,2n) α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

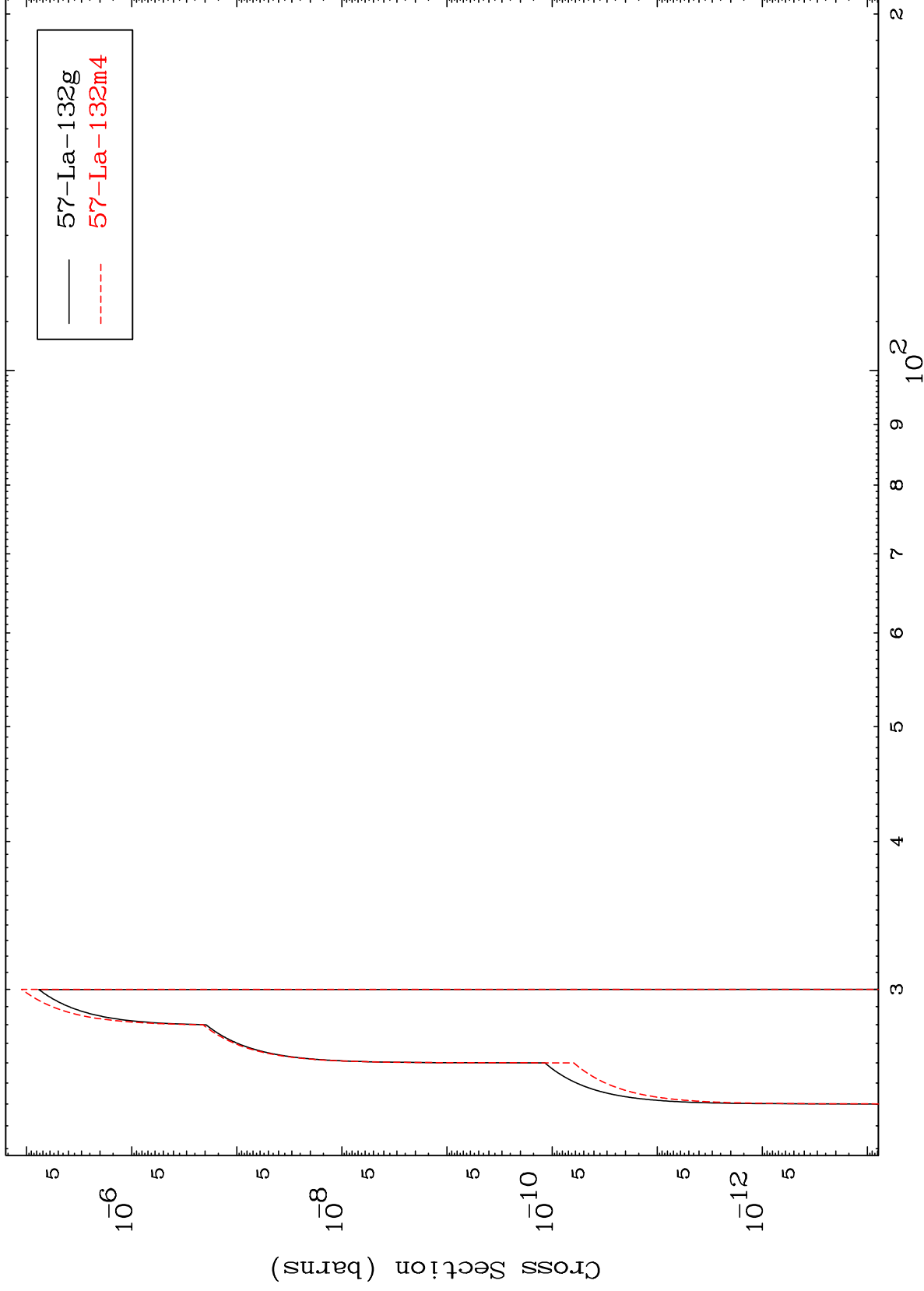
56-Ba-131

MAT 5628

(n,n') d

56-Ba-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

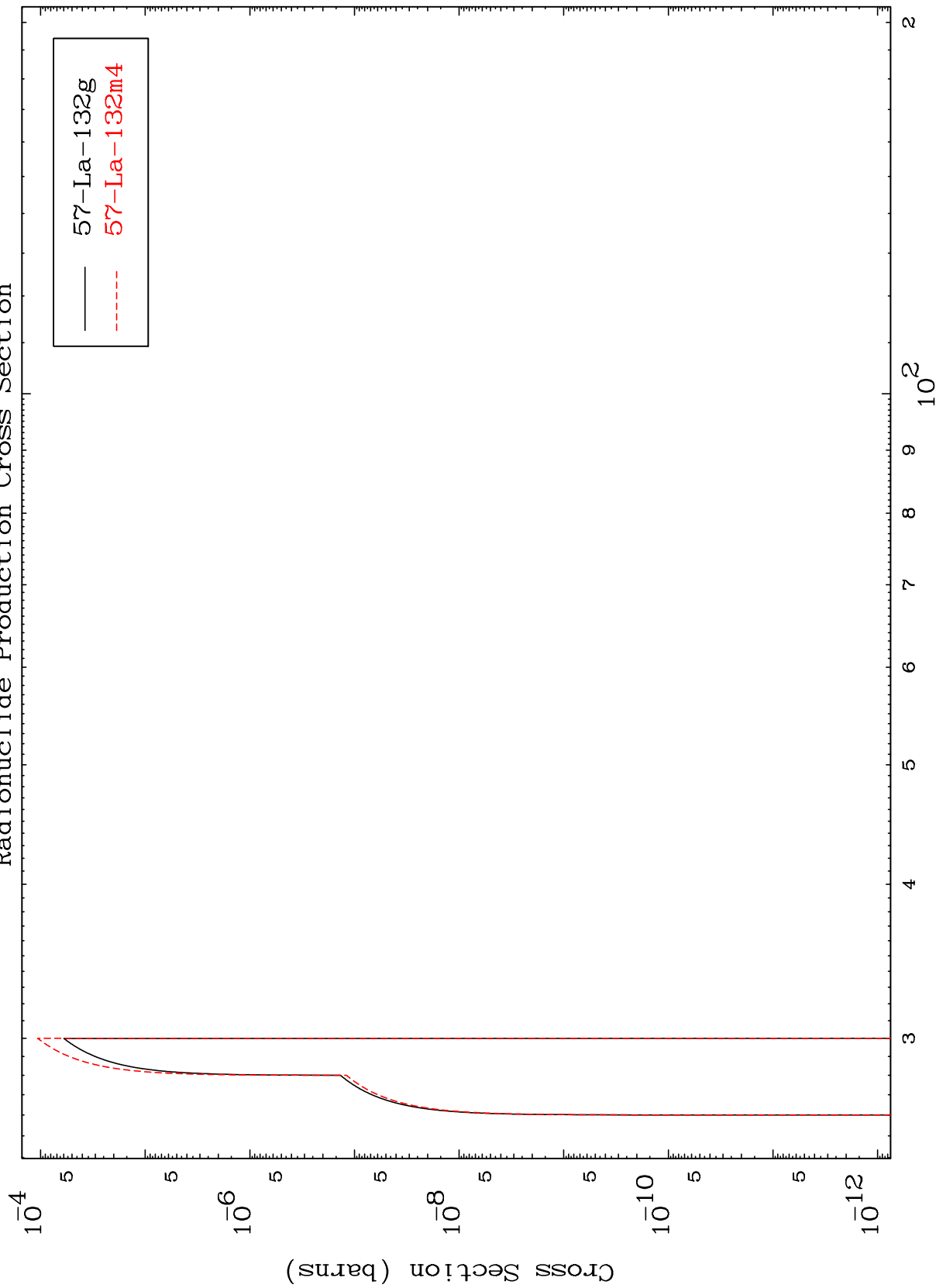
56-Ba-131

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(n,2n) p

56-Ba-131

Radionuclide Production Cross Section



14

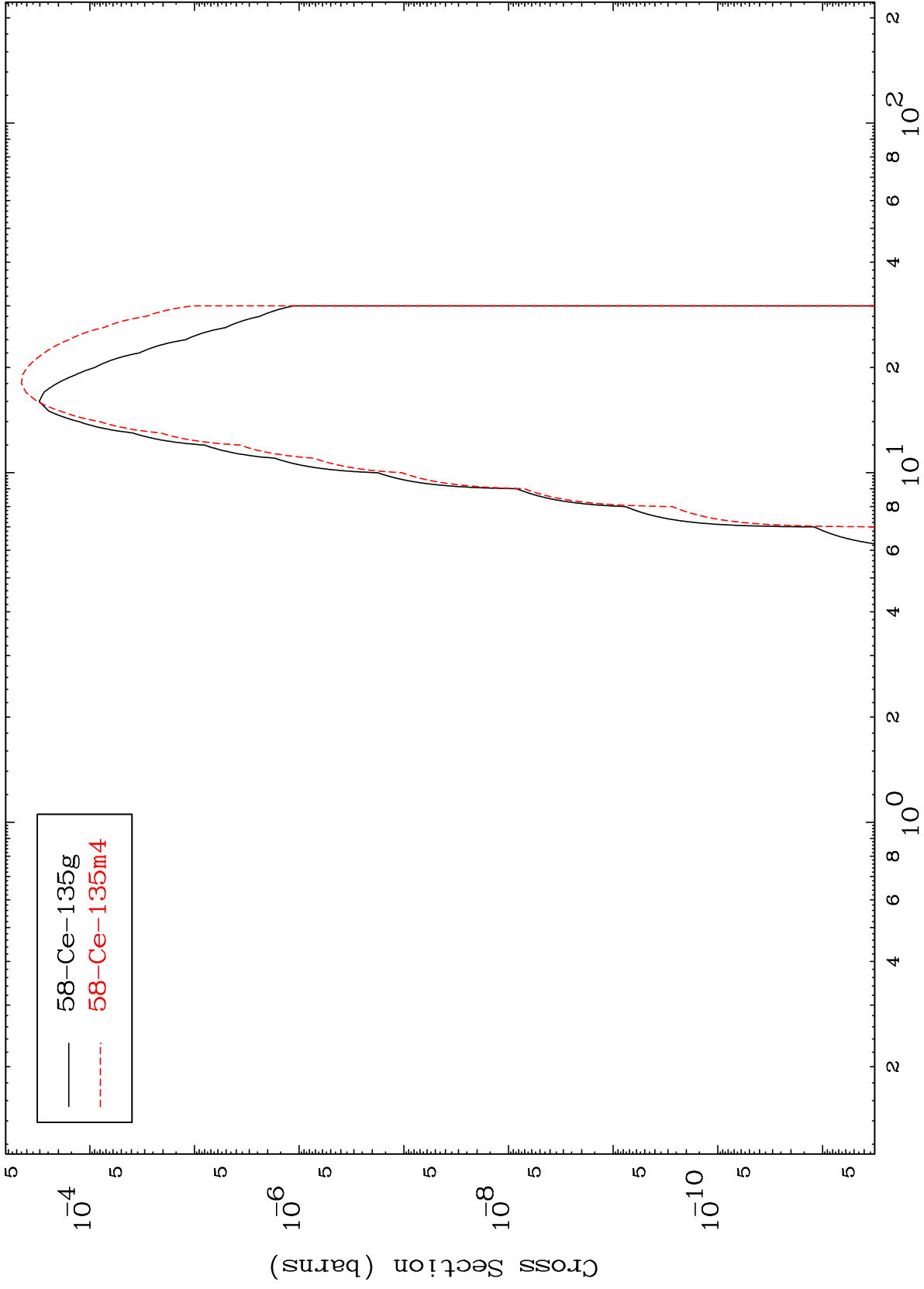
Incident Energy (MeV)

56-Ba-131

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56-Ba-131

(n, γ)
Radionuclide Production Cross Section



56-Ba-131

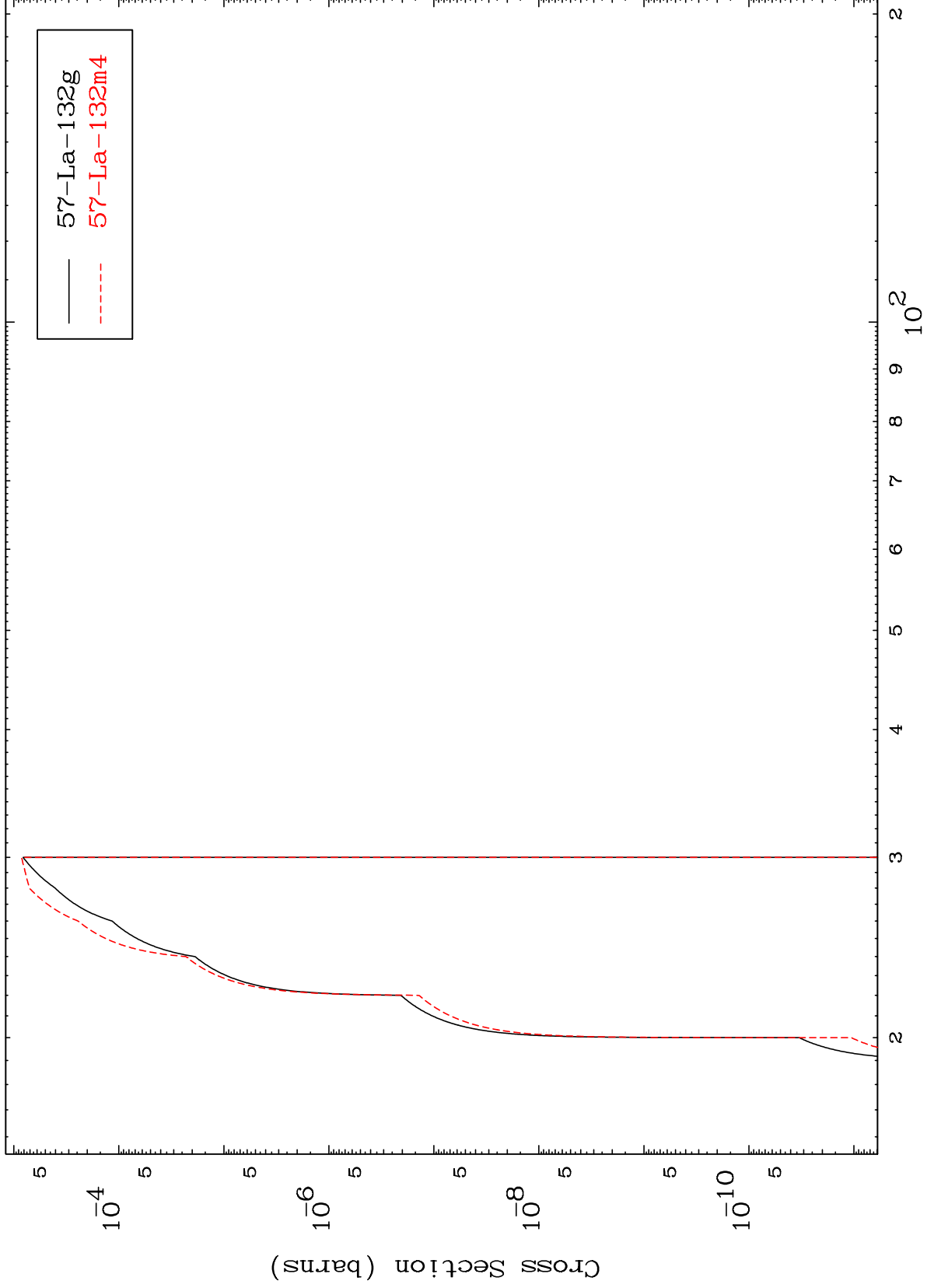
Incident Energy (MeV)

15

MAT 5628

56-Ba-131

(n, t)
Radionuclide Production Cross Section



16

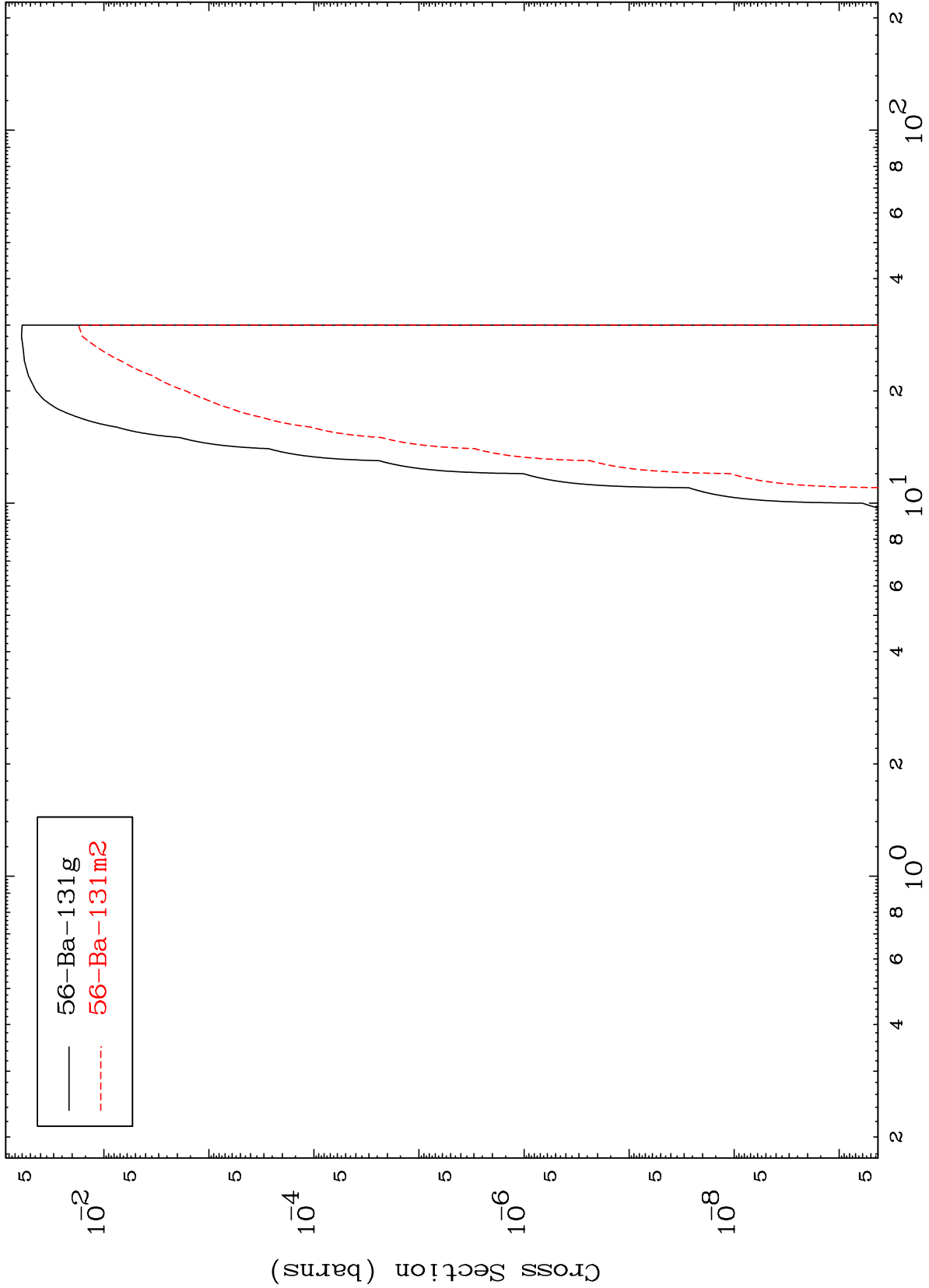
Incident Energy (MeV)

56-Ba-131

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56-Ba-131

(n, α)
Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

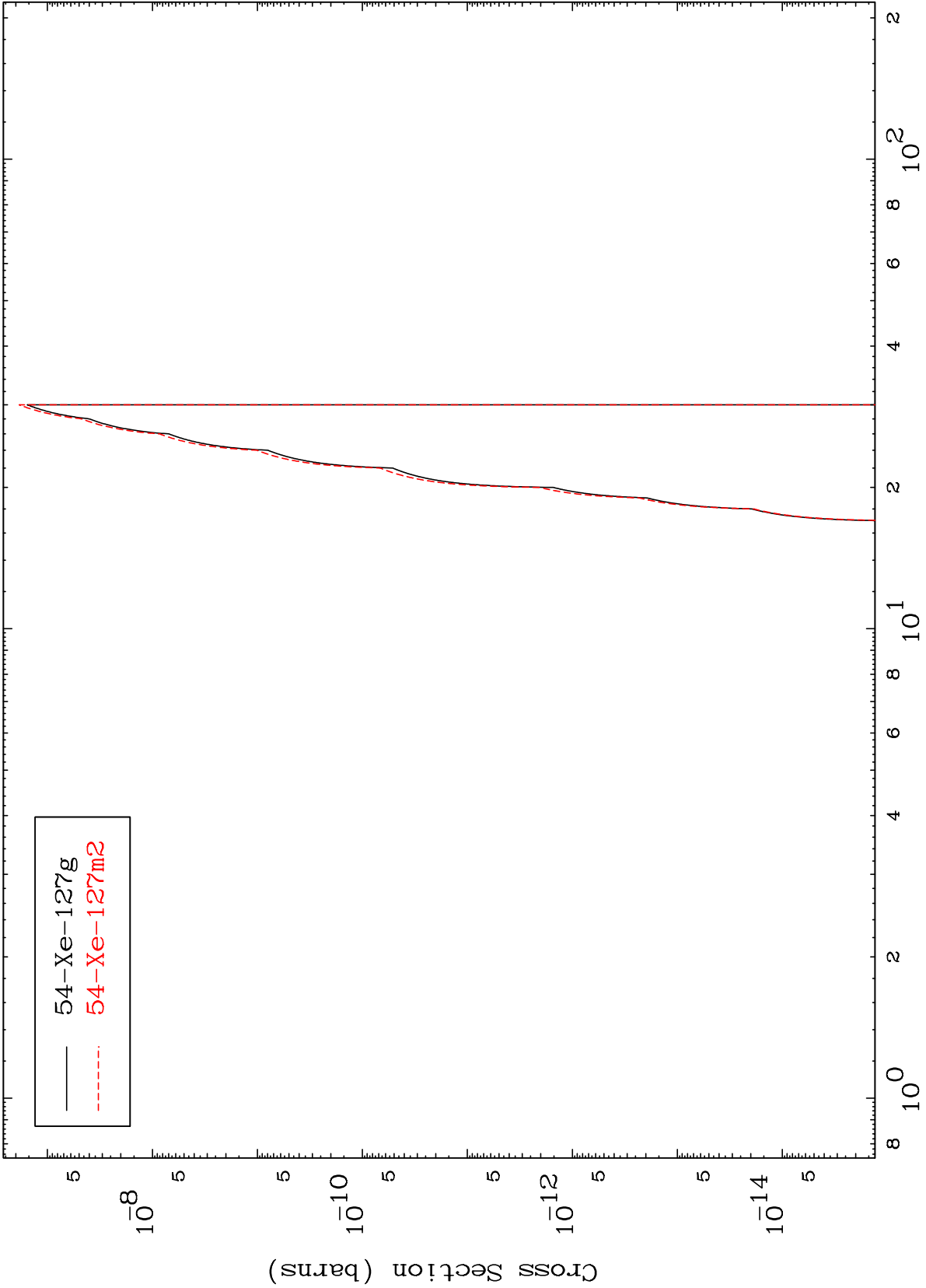
17

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(n,2α)

56-Ba-131

Radionuclide Production Cross Section



18

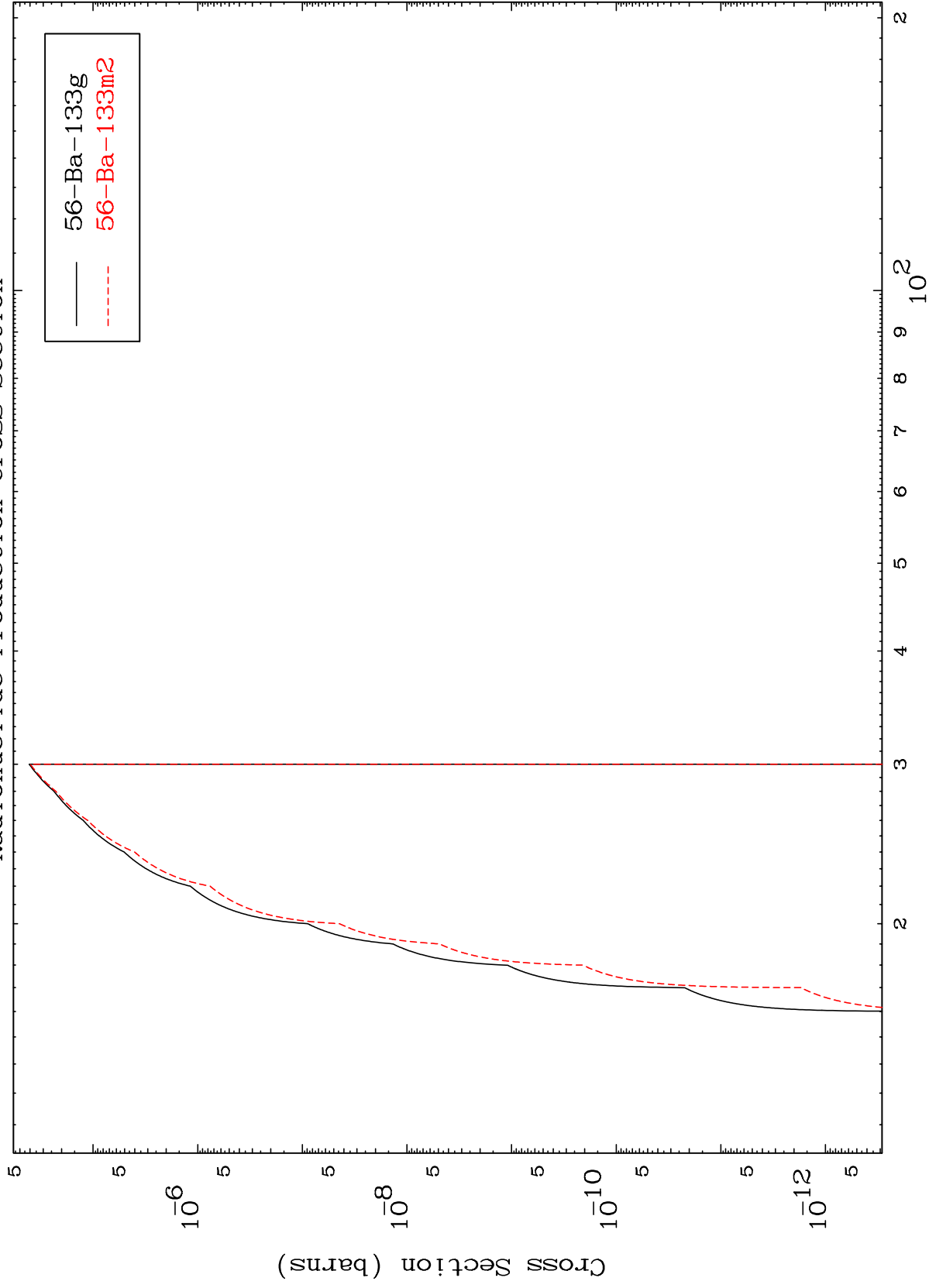
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

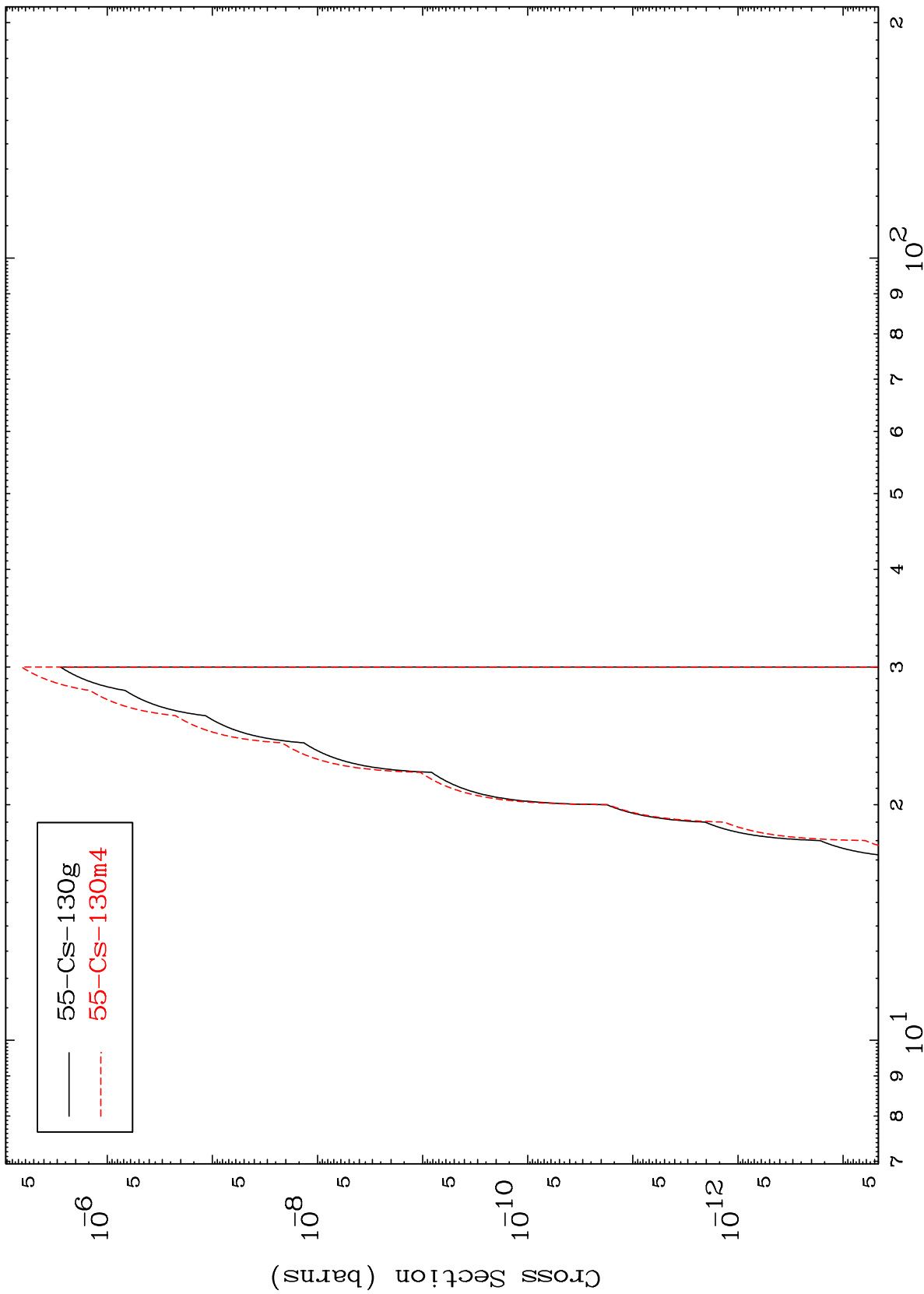
56-Ba-131

MAT 5628

56-Ba-131

(n,p) α

Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

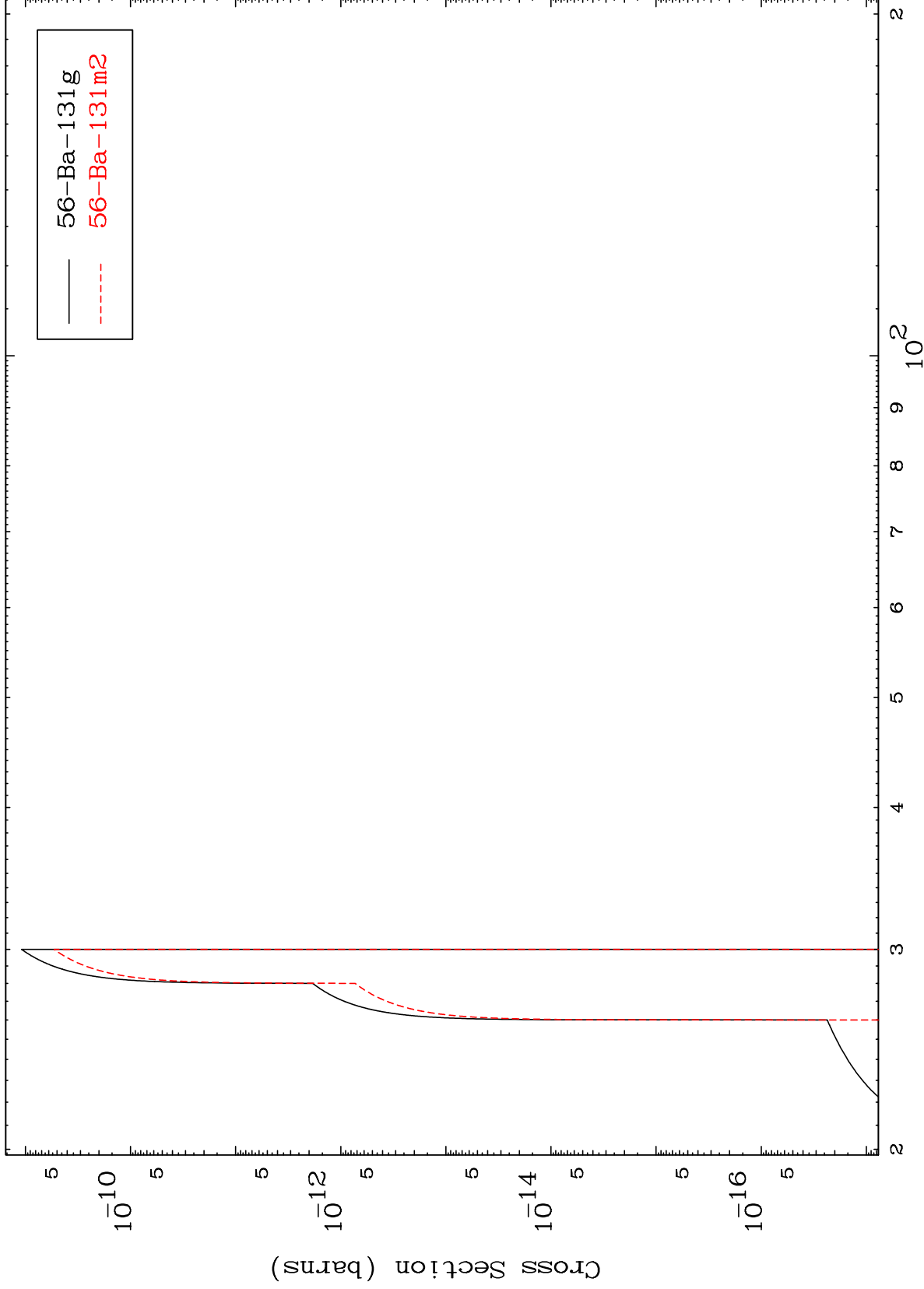
20

MAT 5628

(n,p) t

56-Ba-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-131