

Program EVALPLOT
(Version 2021-1)

by

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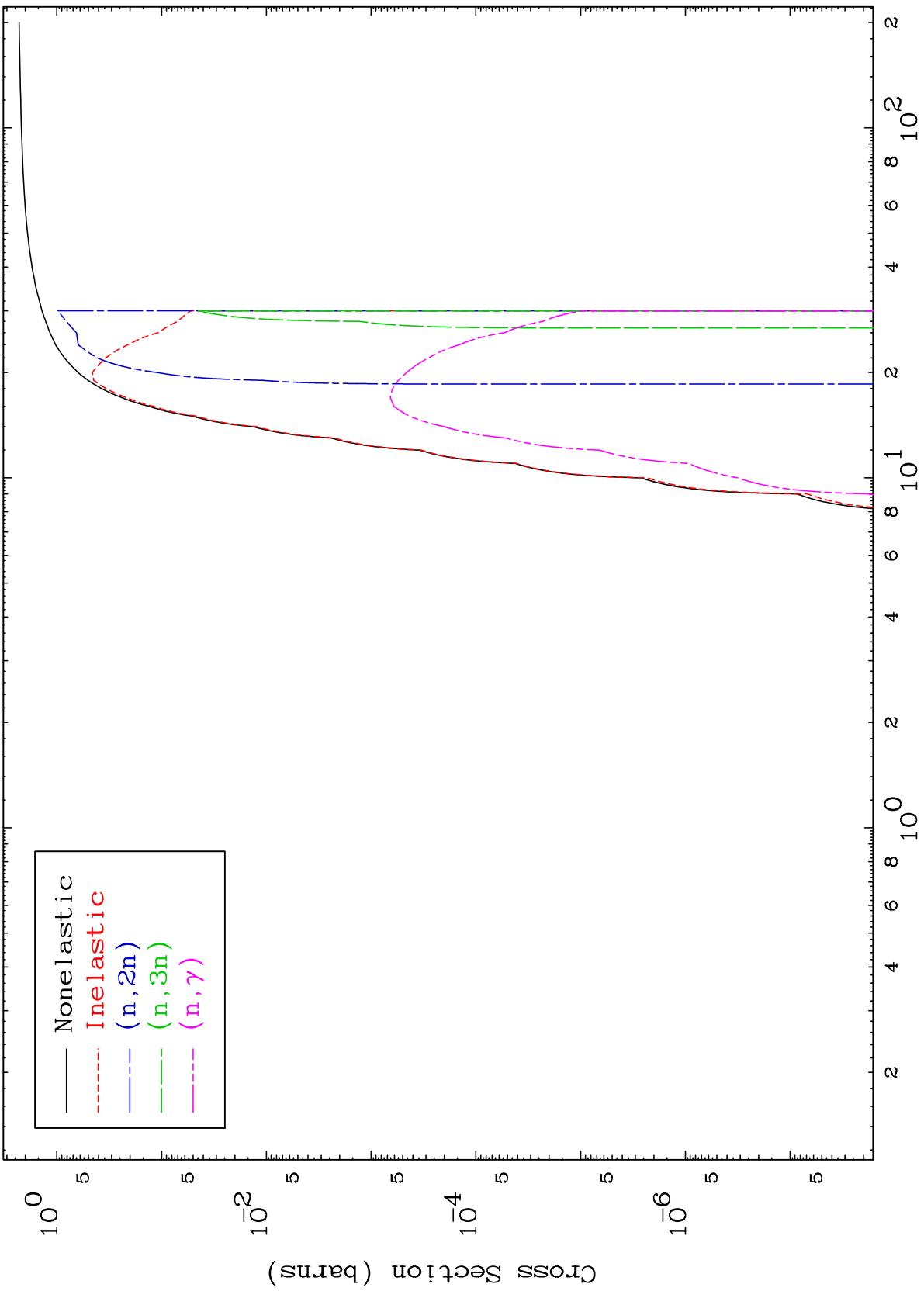
Press Mouse Button to Start

MAT 5628

α Major

56-Ba-131

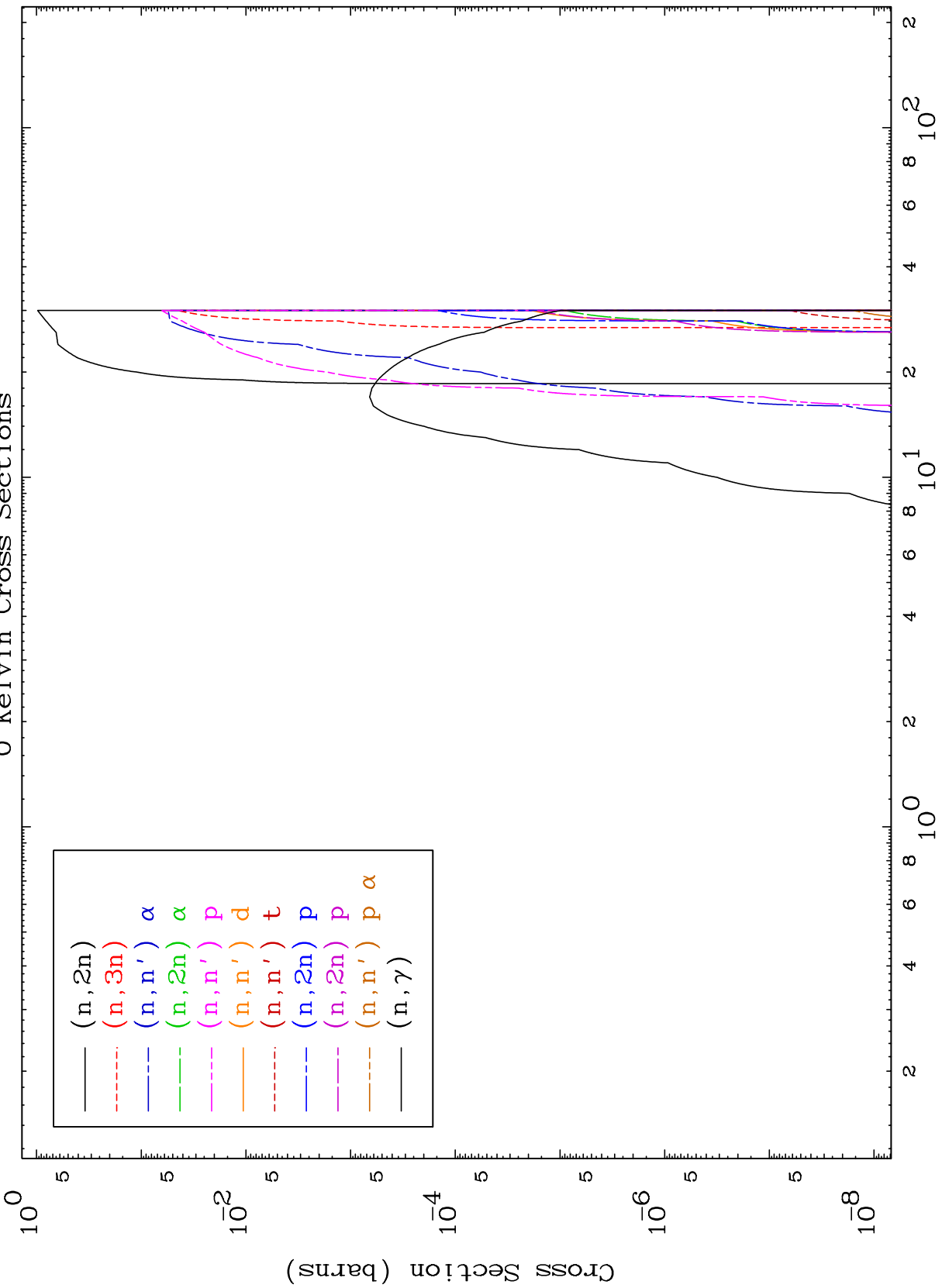
0 Kelvin Cross Sections



MAT 5628

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131



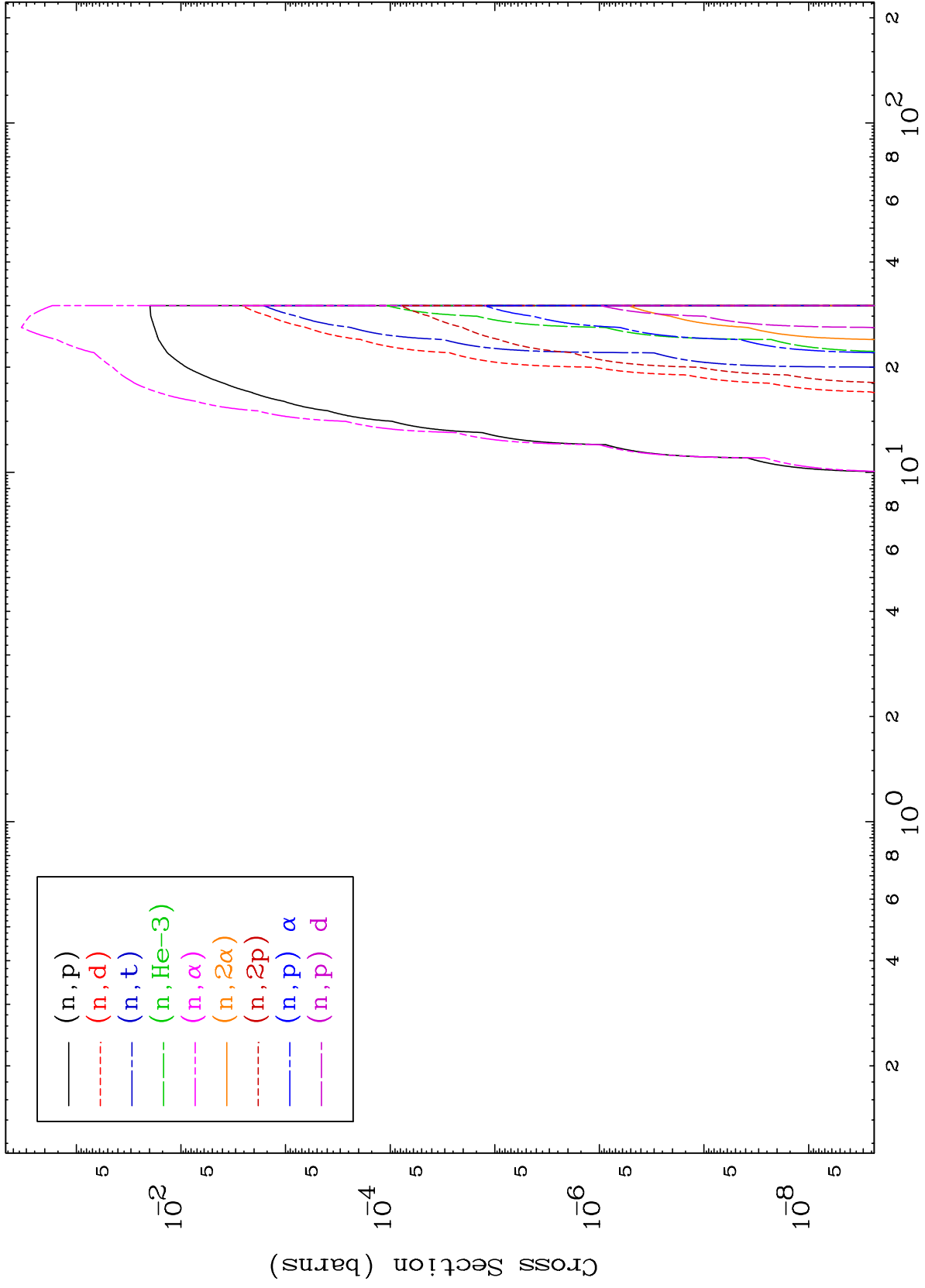
56-Ba-131

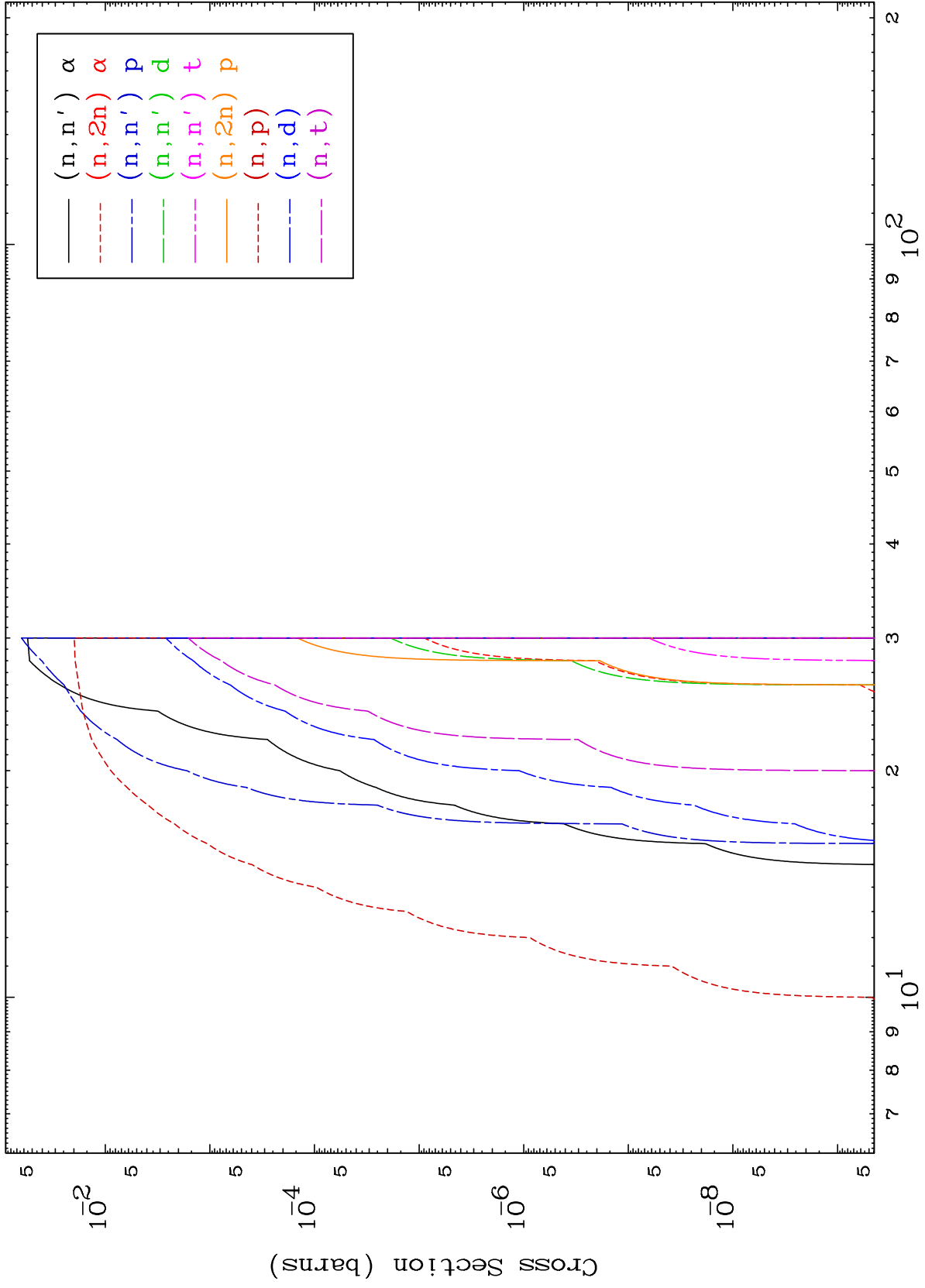
Incident Energy (MeV)

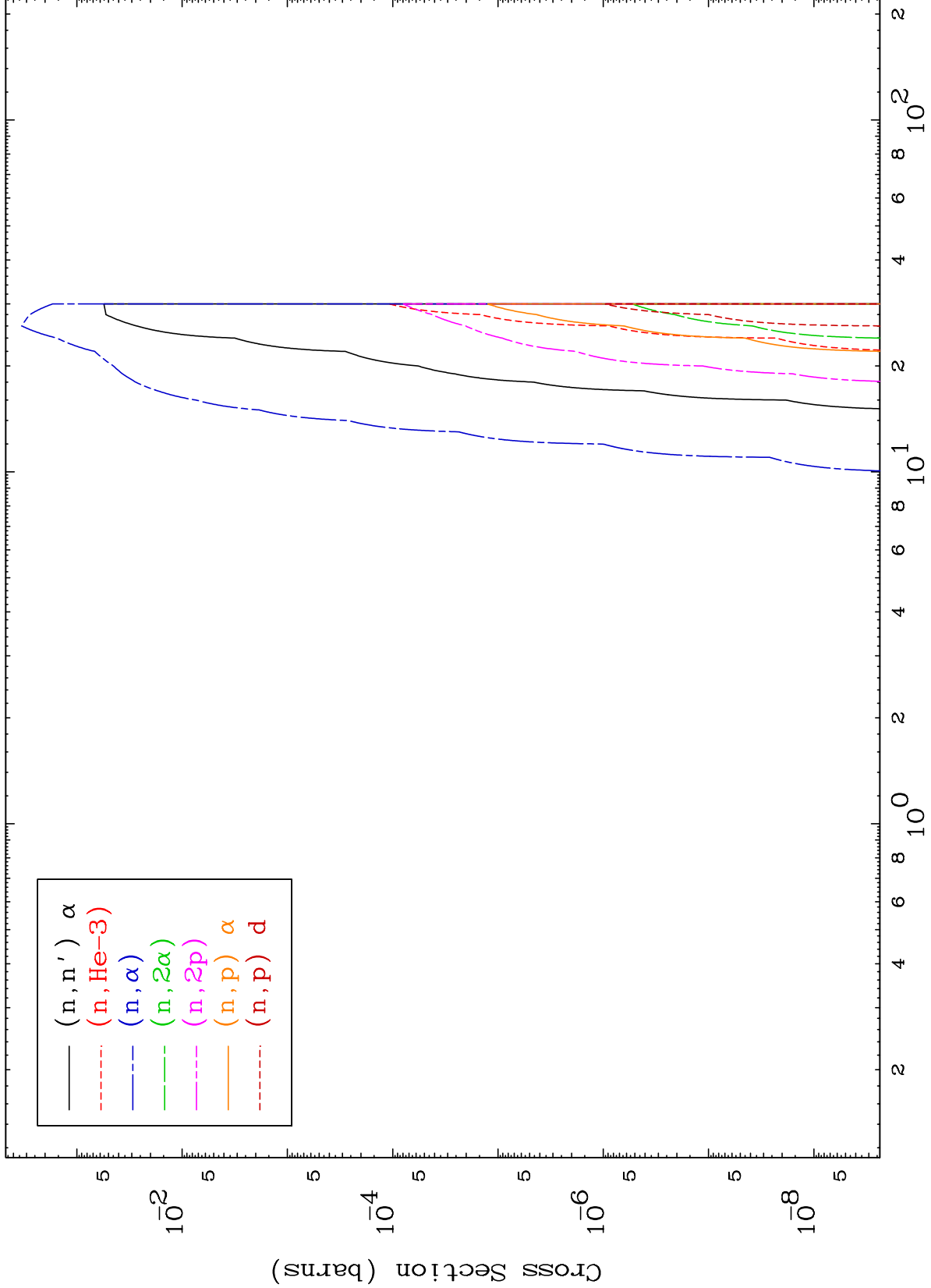
MAT 5628

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131



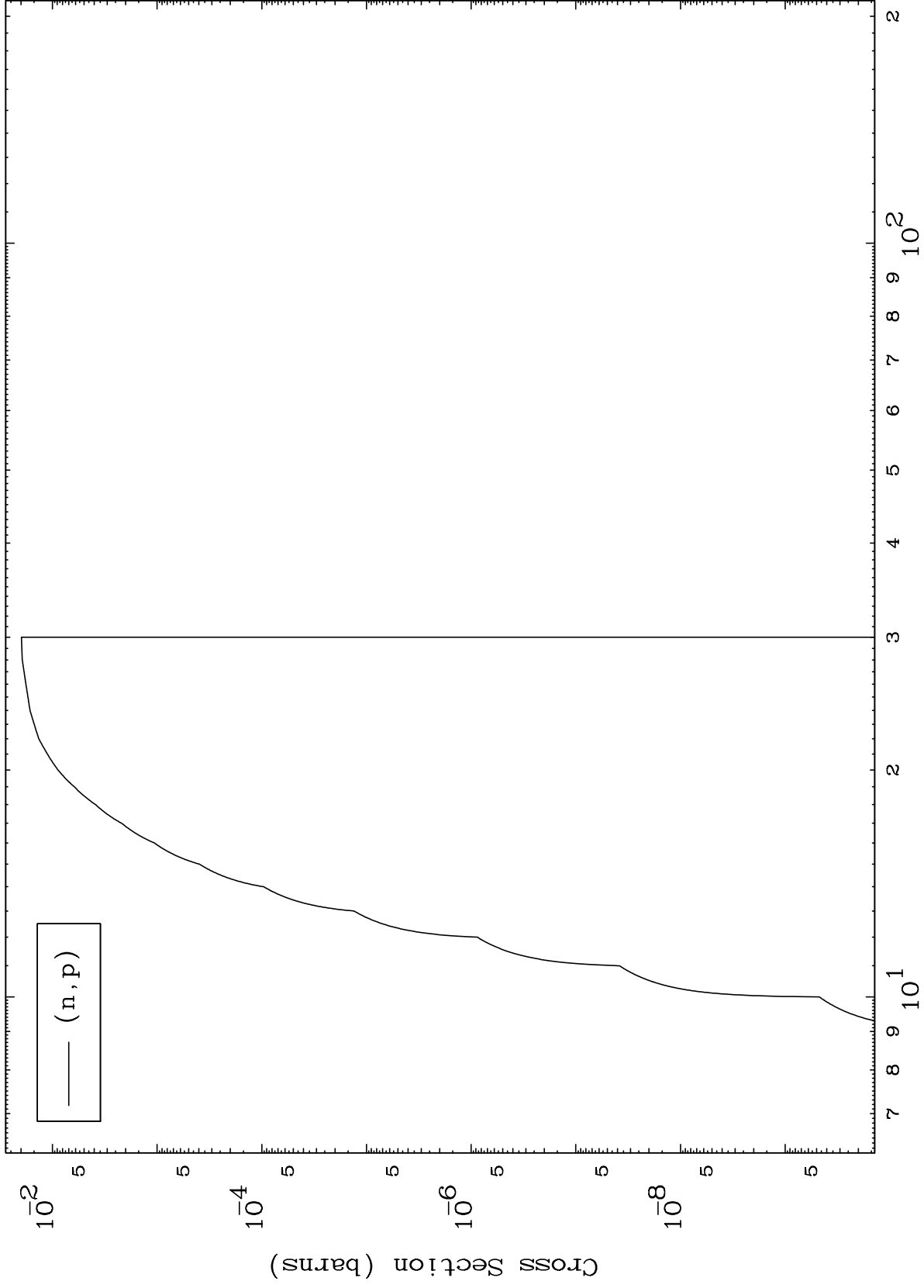




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(α, p) Levels
0 Kelvin Cross Sections

56-Ba-131



6

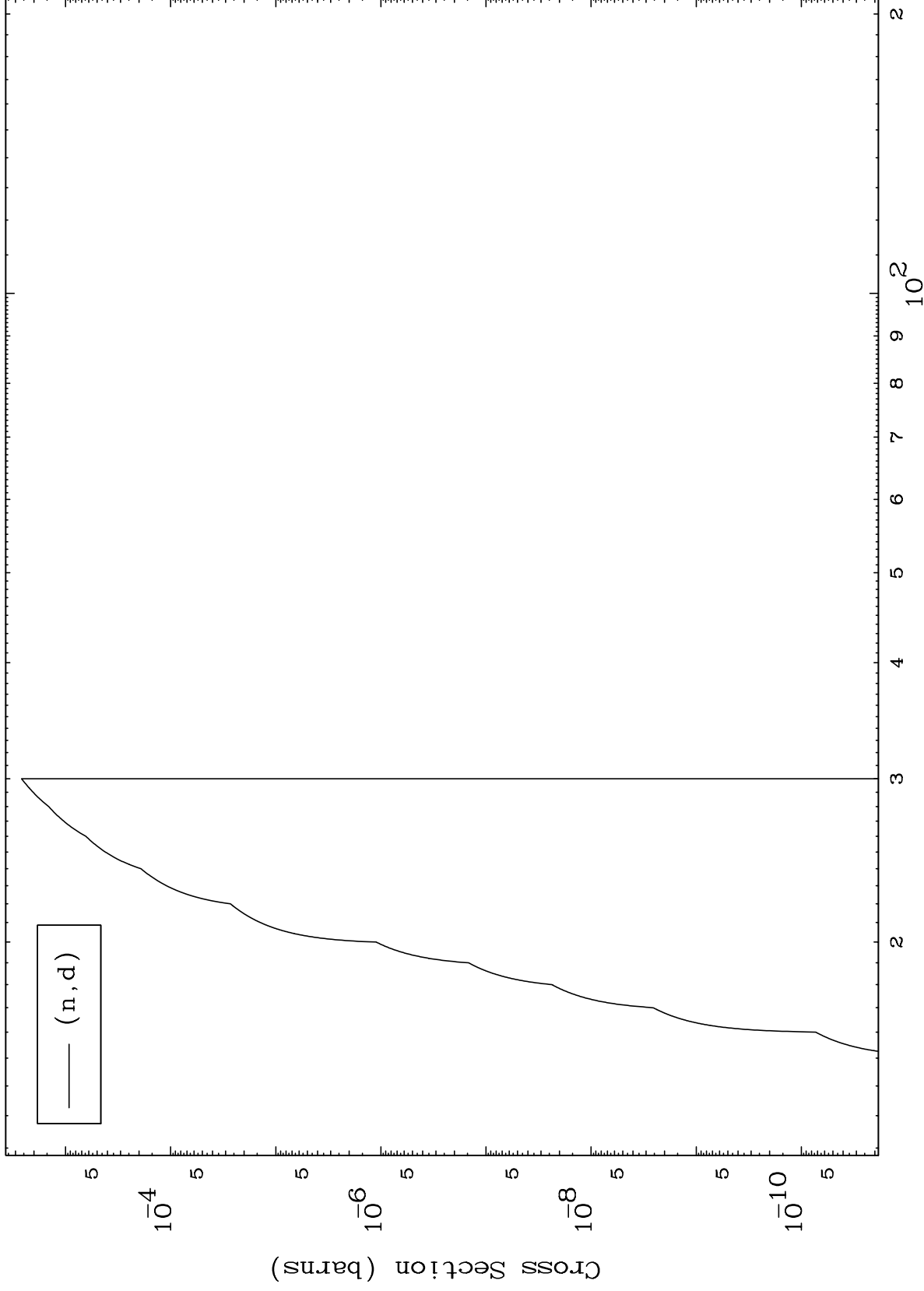
Incident Energy (MeV)

56-Ba-131

MAT 5628

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-131



7

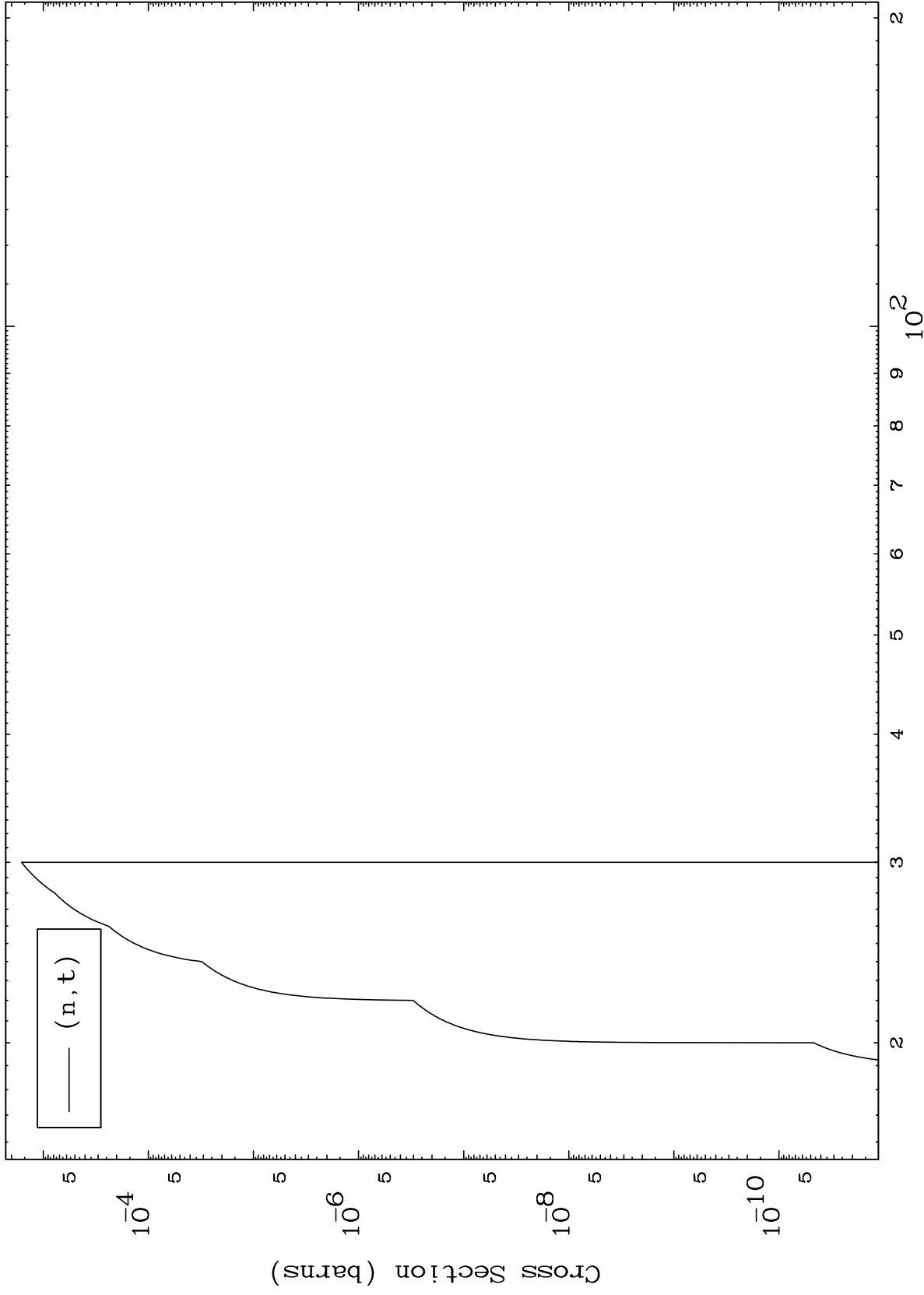
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(α, t) Levels
0 Kelvin Cross Sections

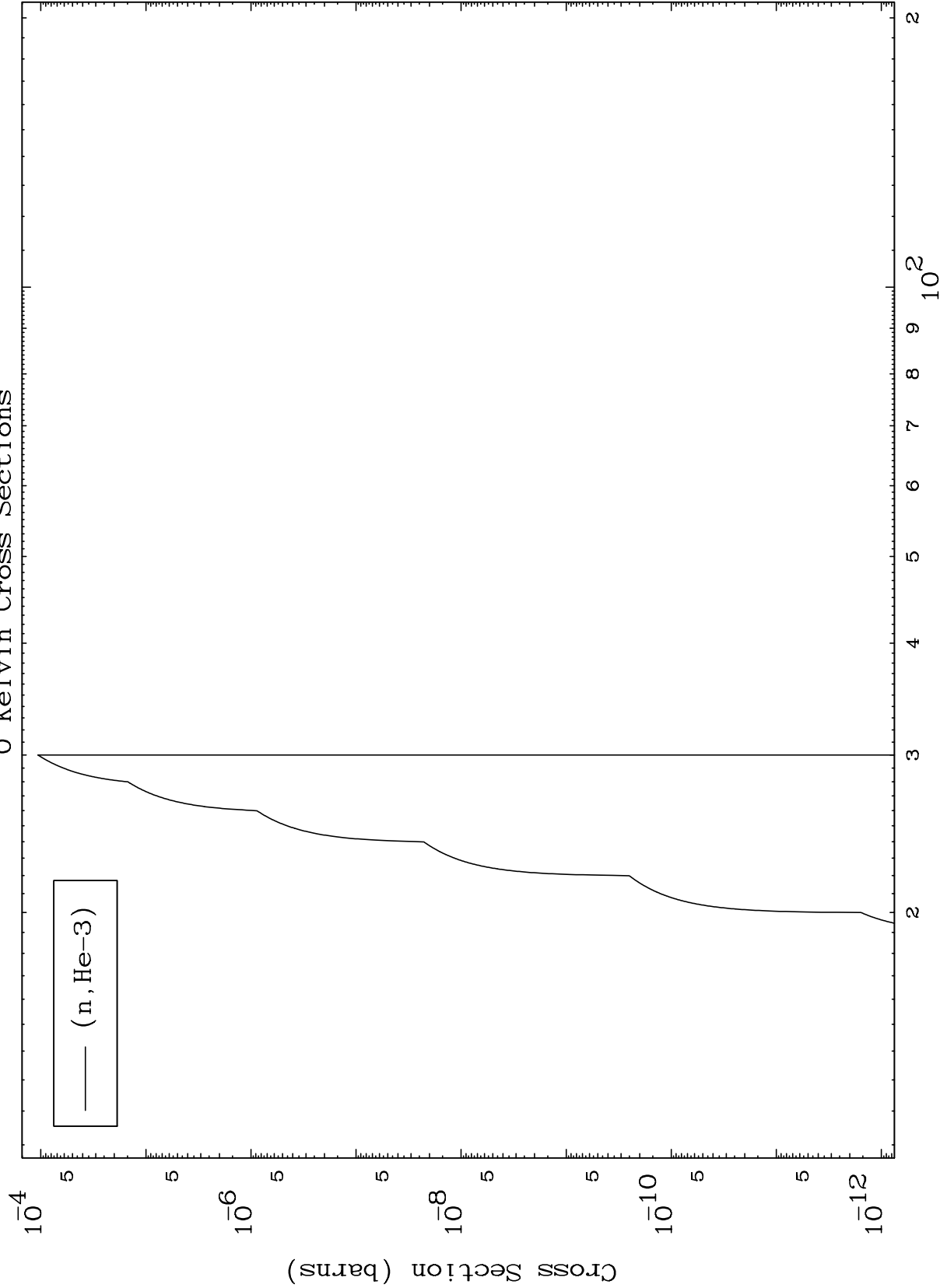


8

Incident Energy (MeV)

56-Ba-131

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

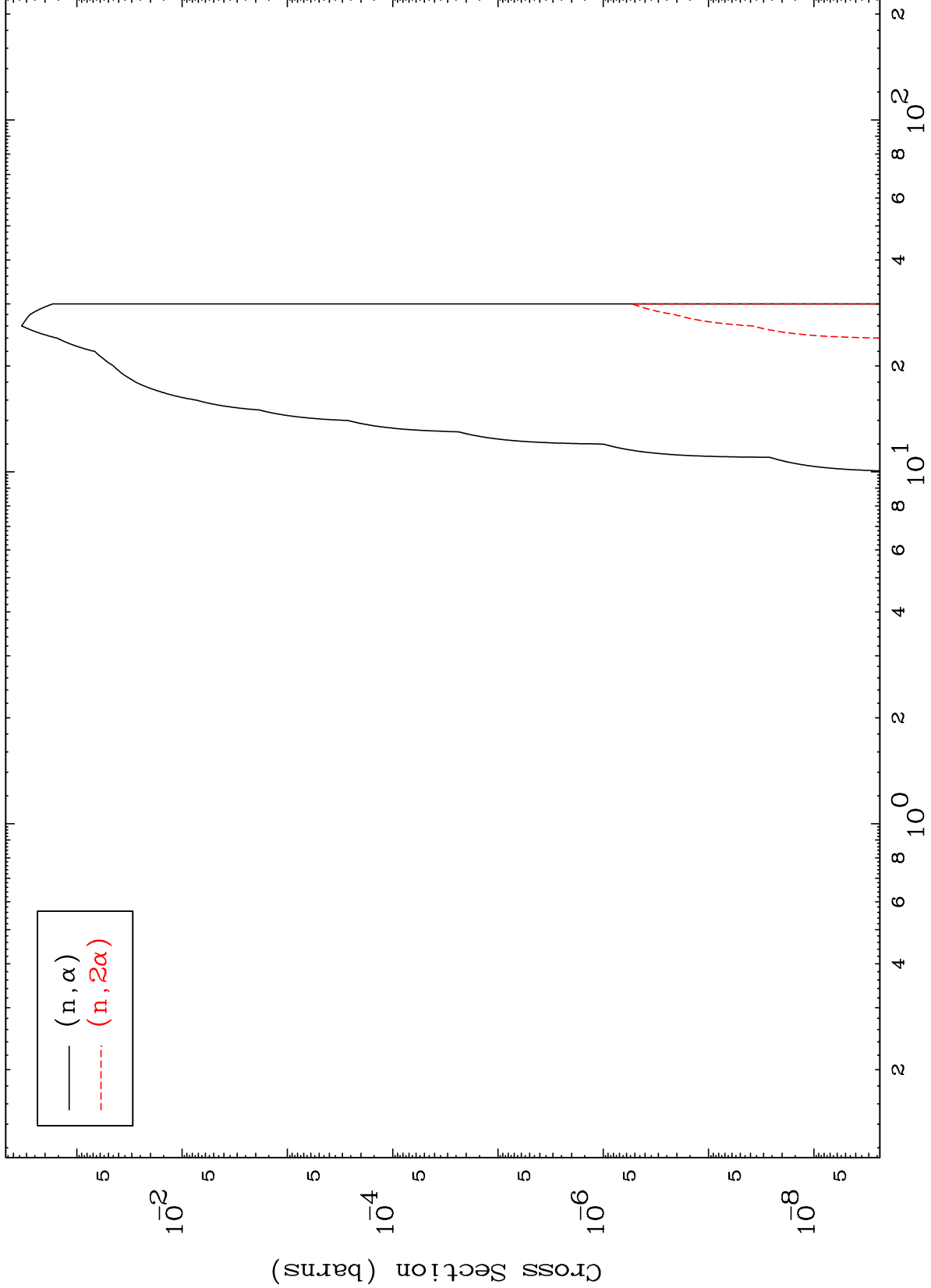


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(α, α) Levels

56-Ba-131

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

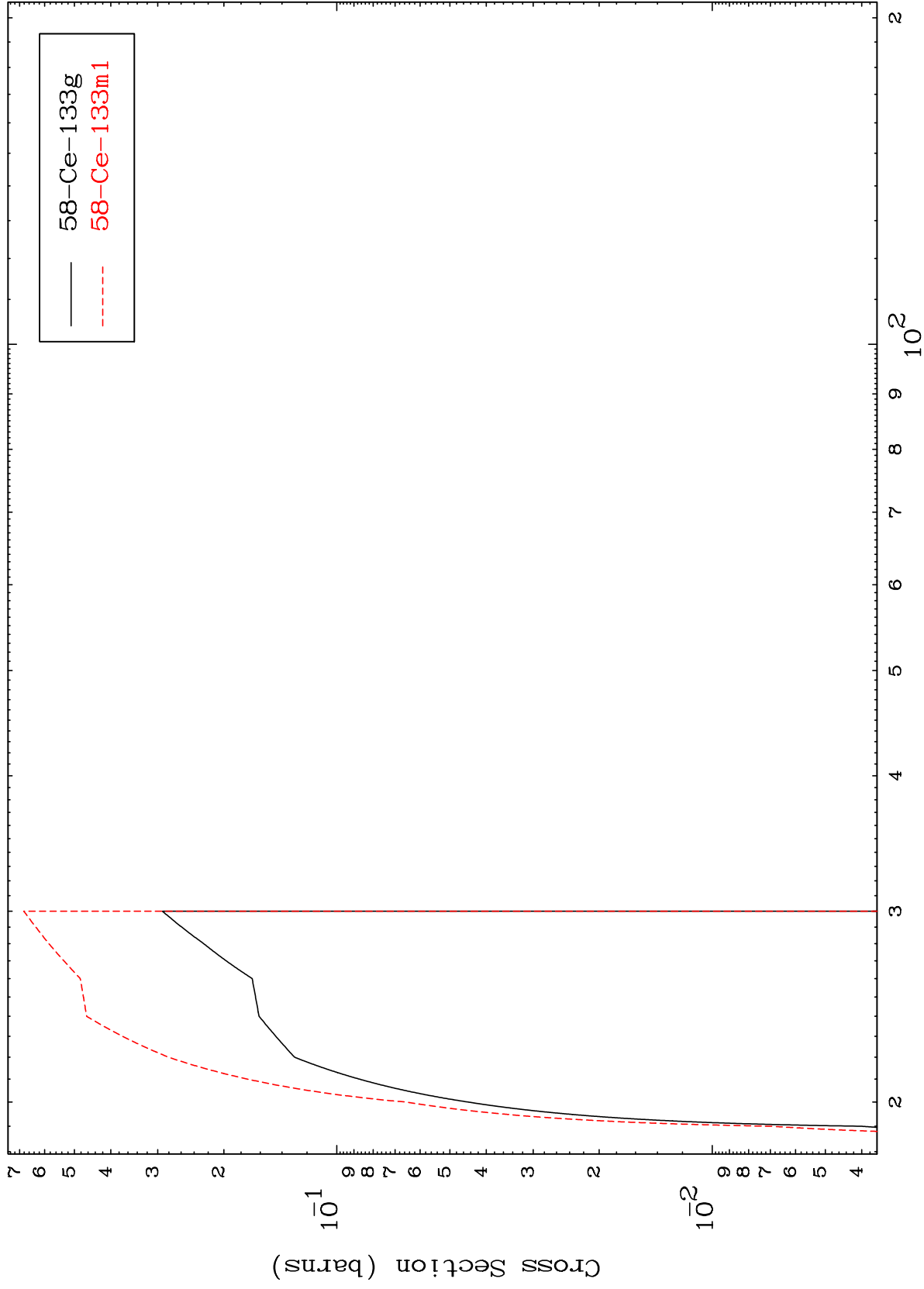
Incident Energy (MeV)

56-Ba-131

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56-Ba-131

(n,2n)
Radionuclide Production Cross Section



56-Ba-131

Incident Energy (MeV)

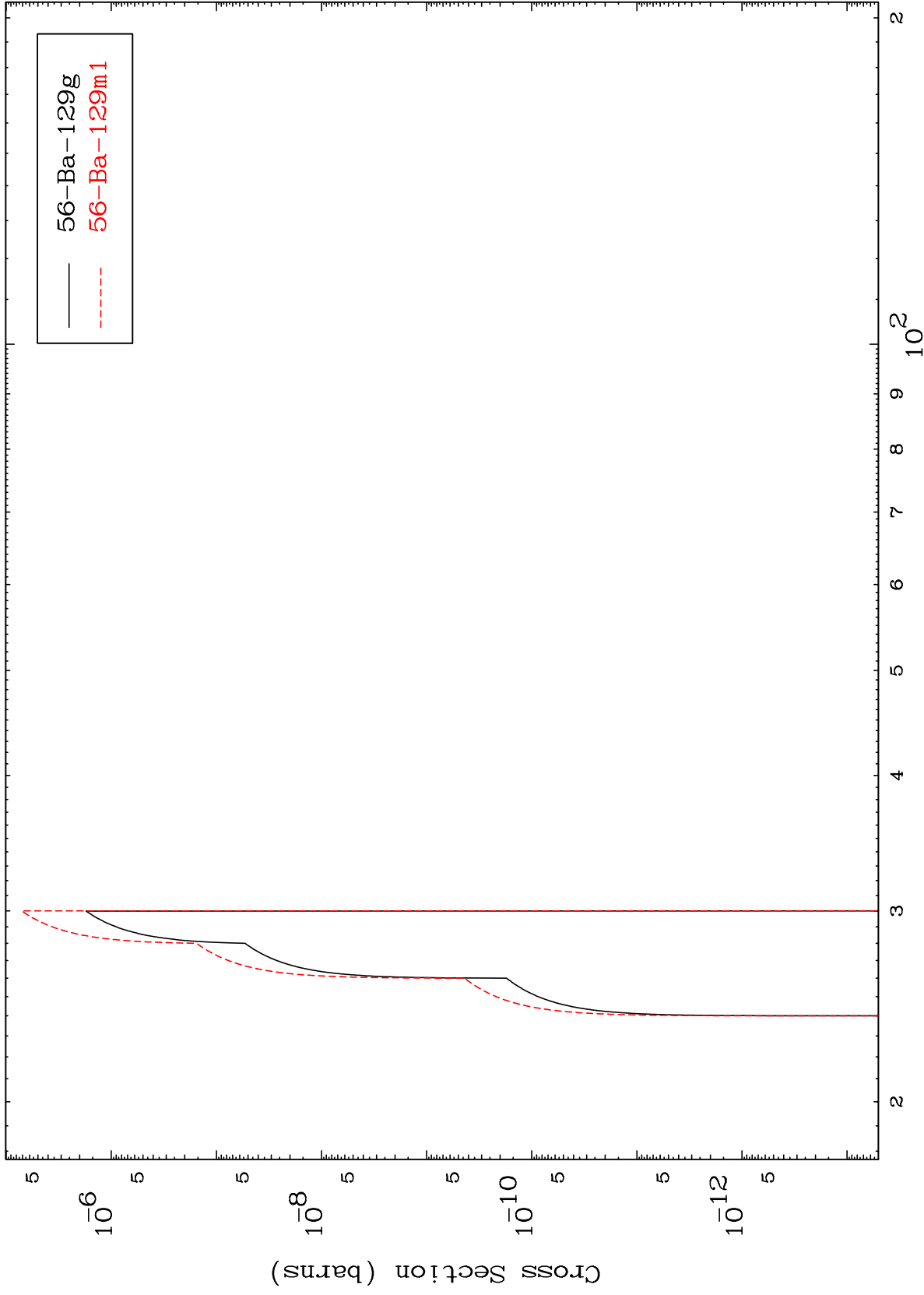
11

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56-Ba-131

(n,2n) α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

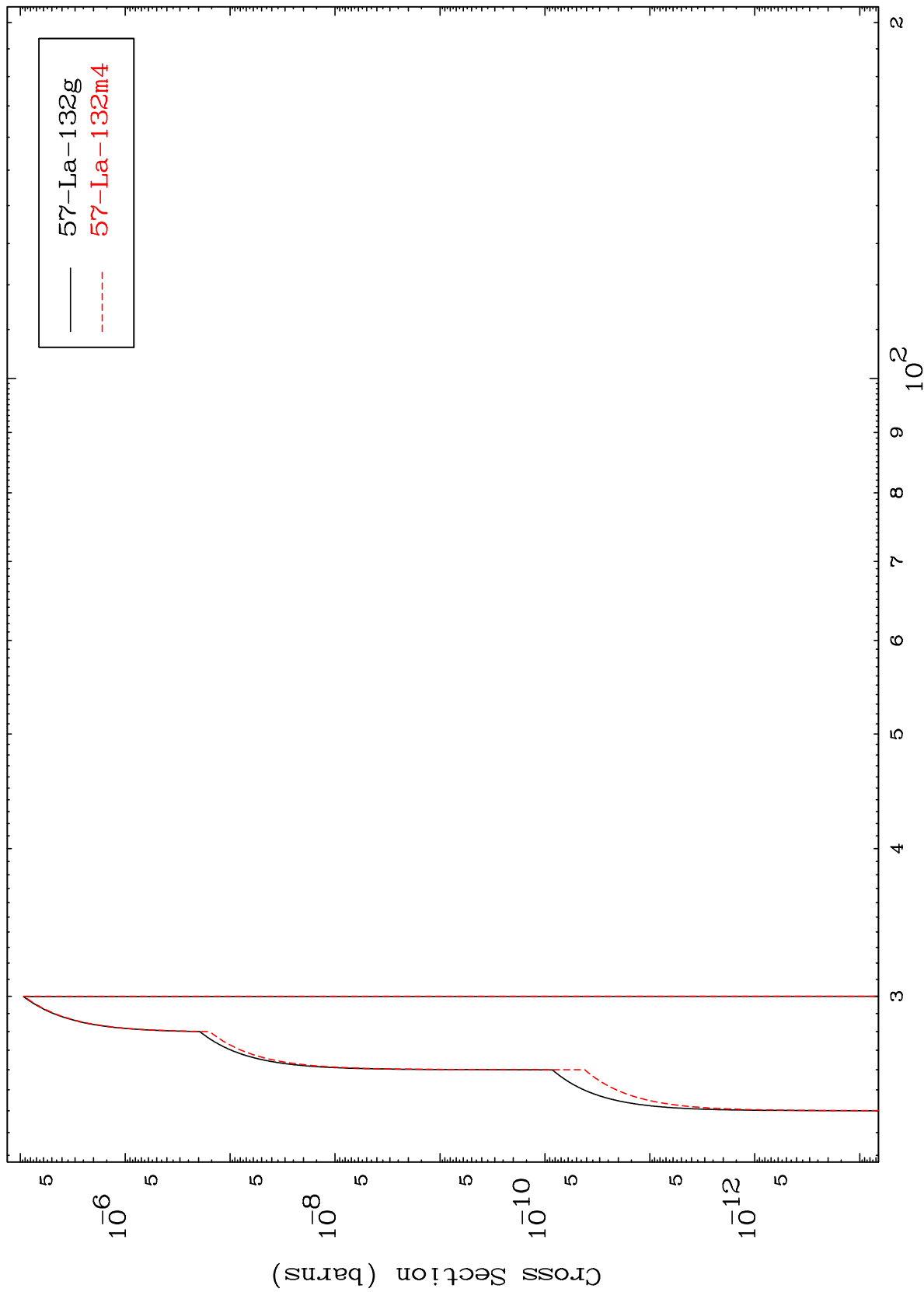
56-Ba-131

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(n,n') d

56-Ba-131

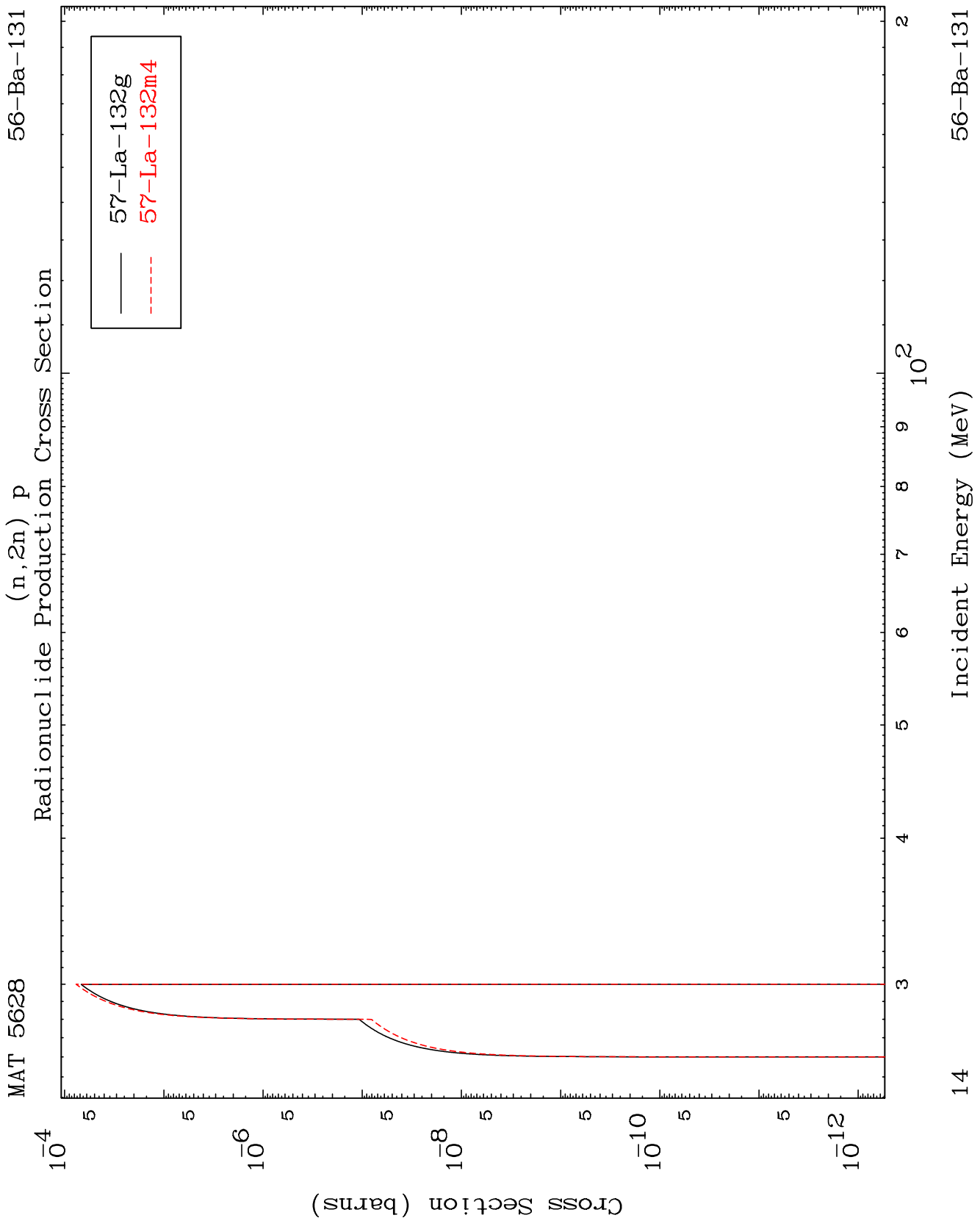
Radionuclide Production Cross Section



13

Incident Energy (MeV)

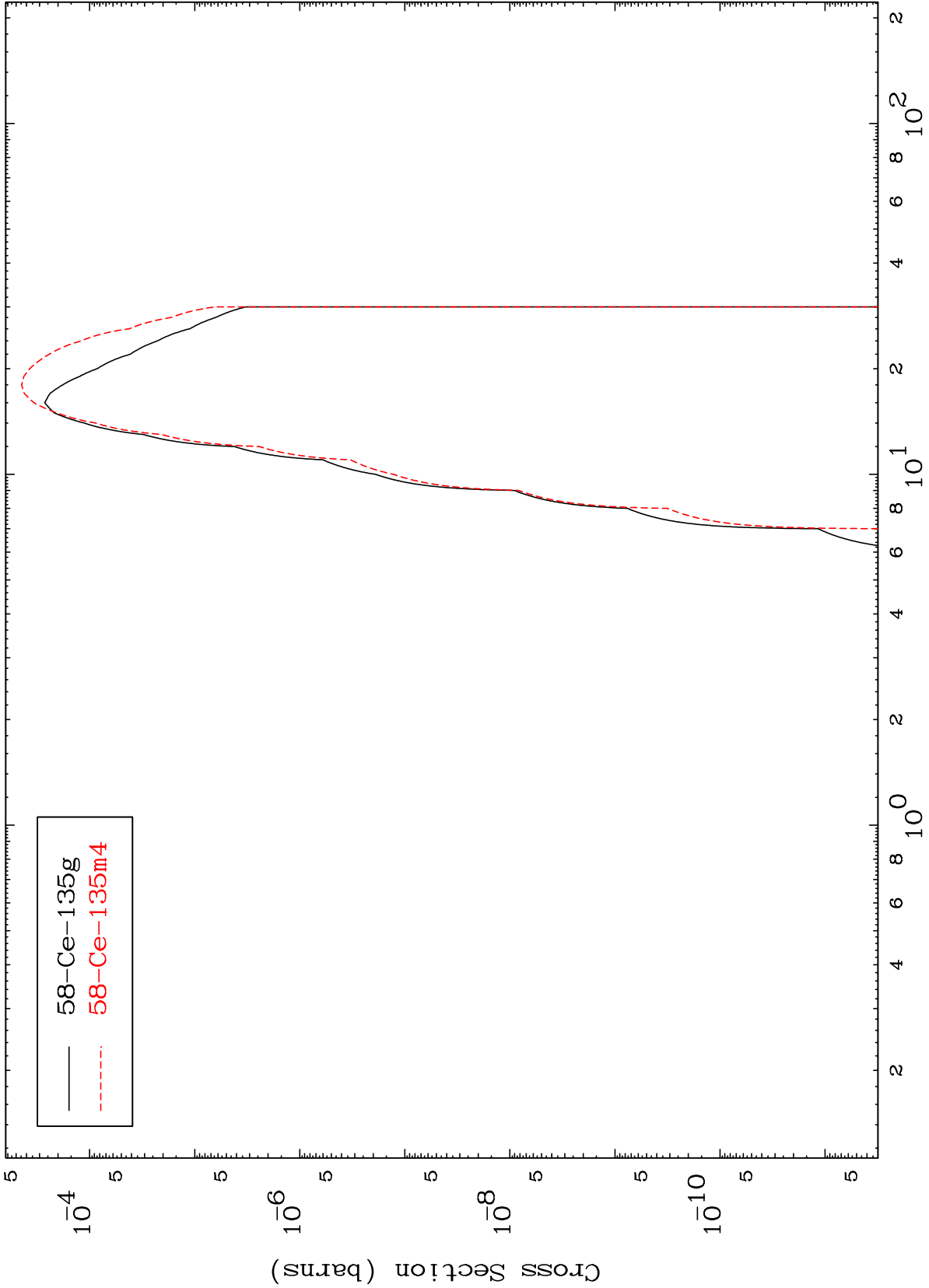
56-Ba-131



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56-Ba-131

(n,γ)
Radionuclide Production Cross Section



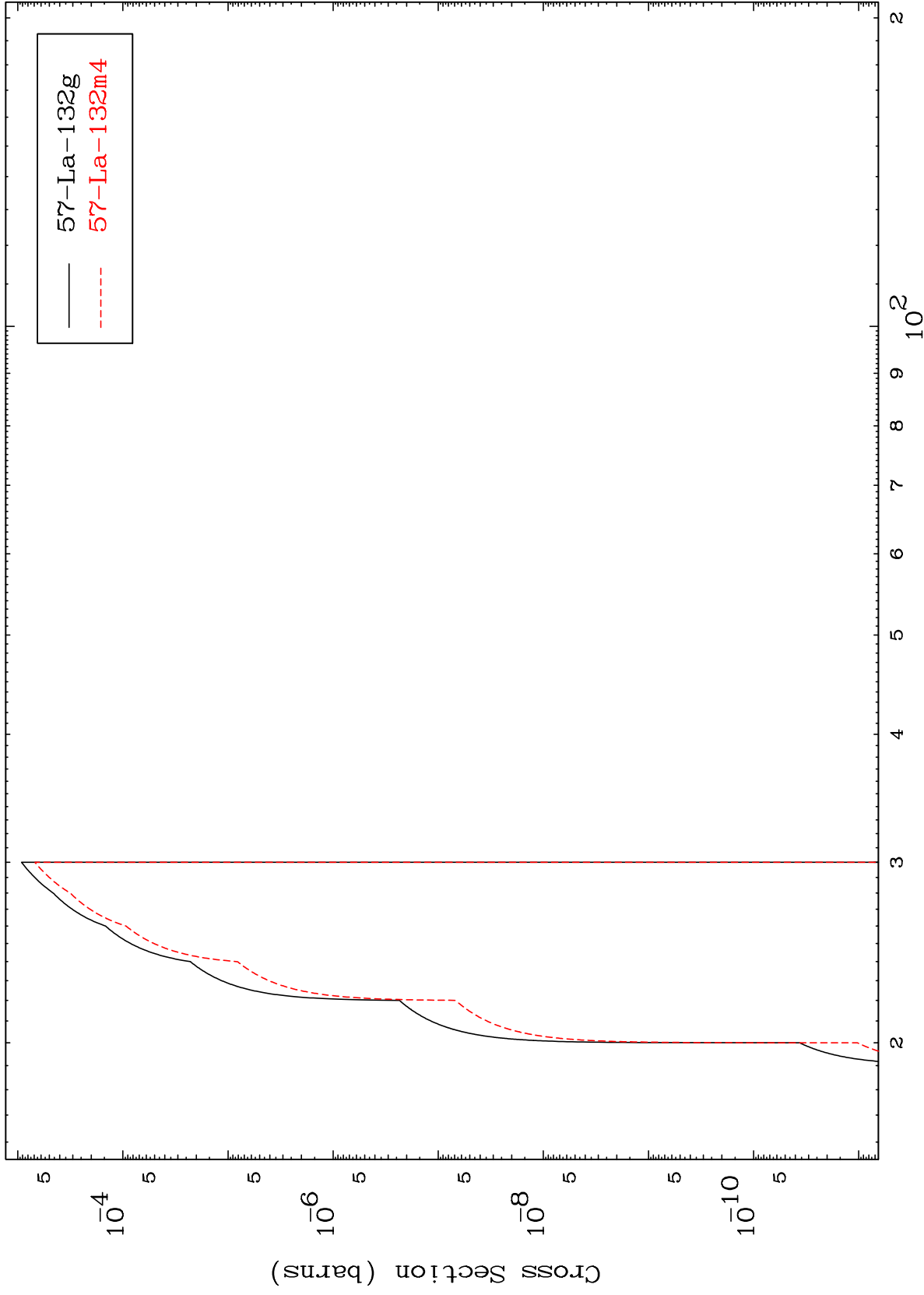
— 58-Ce-135g
- - - 58-Ce-135m4

56-Ba-131

Incident Energy (MeV)

15

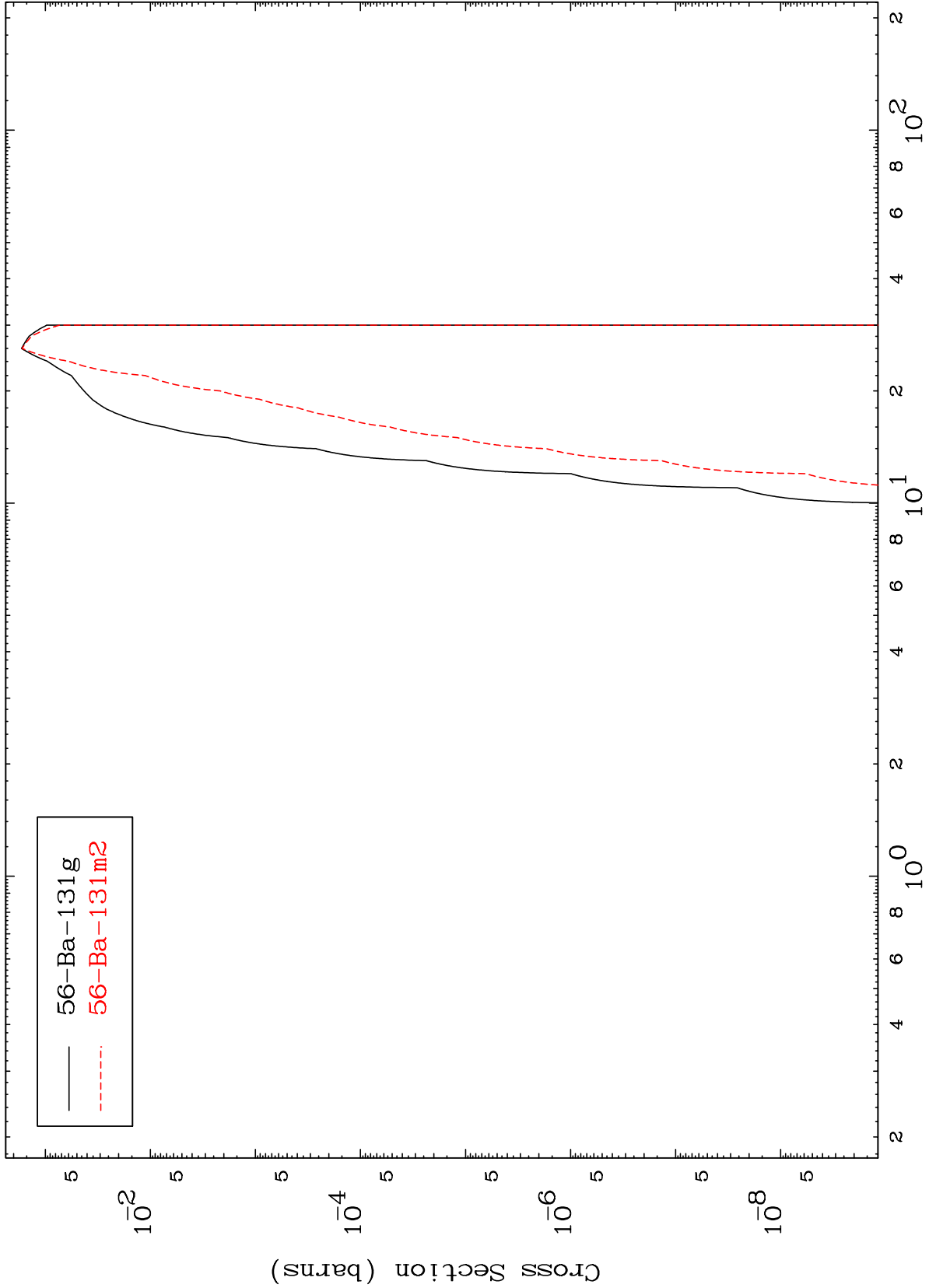
(n, t)
Radionuclide Production Cross Section



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56-Ba-131

Radionuclide Production Cross Section
(n, α)



17

56-Ba-131

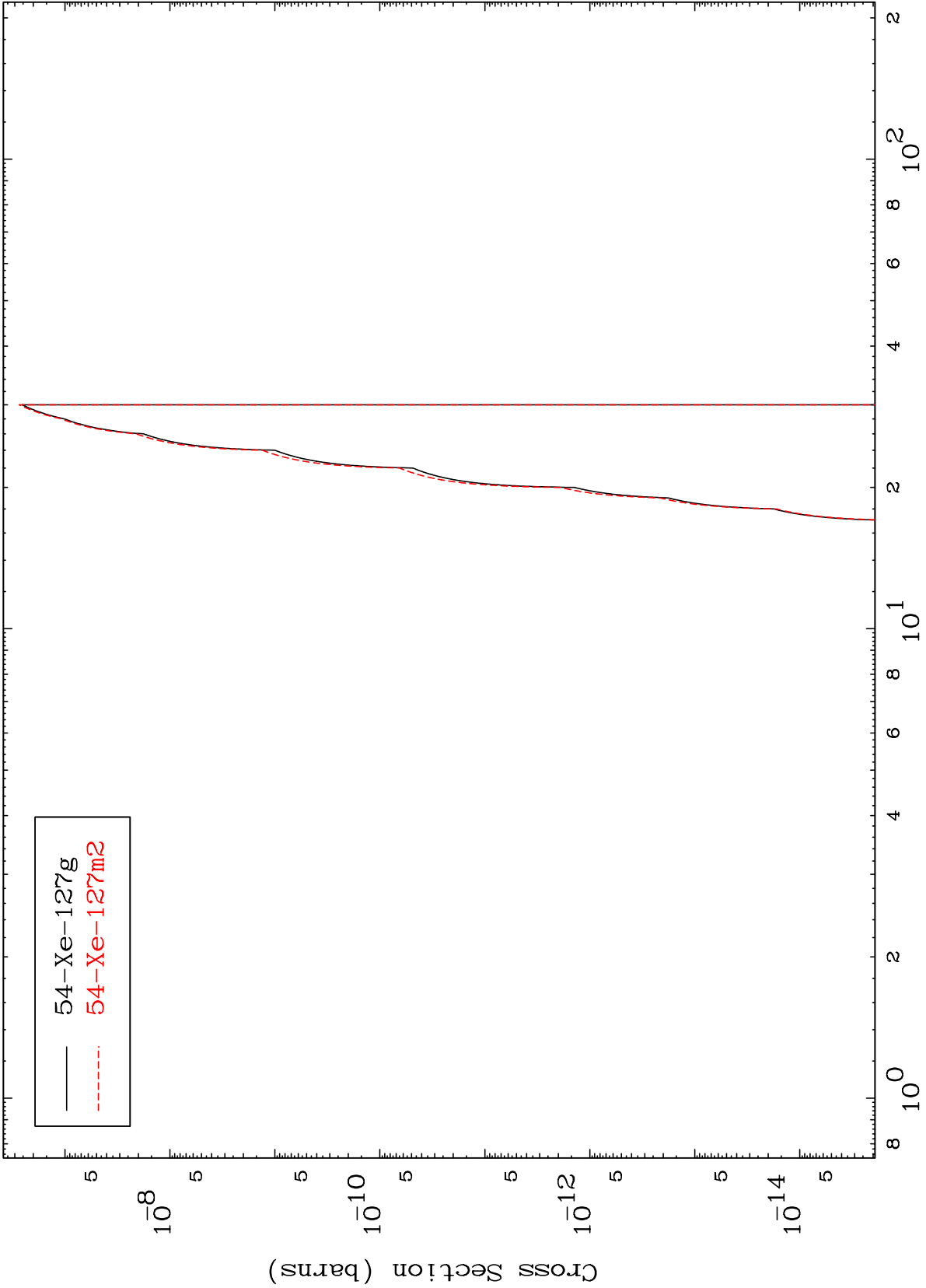
Incident Energy (MeV)

MAT 5628

(n,2α)

56-Ba-131

Radionuclide Production Cross Section



18

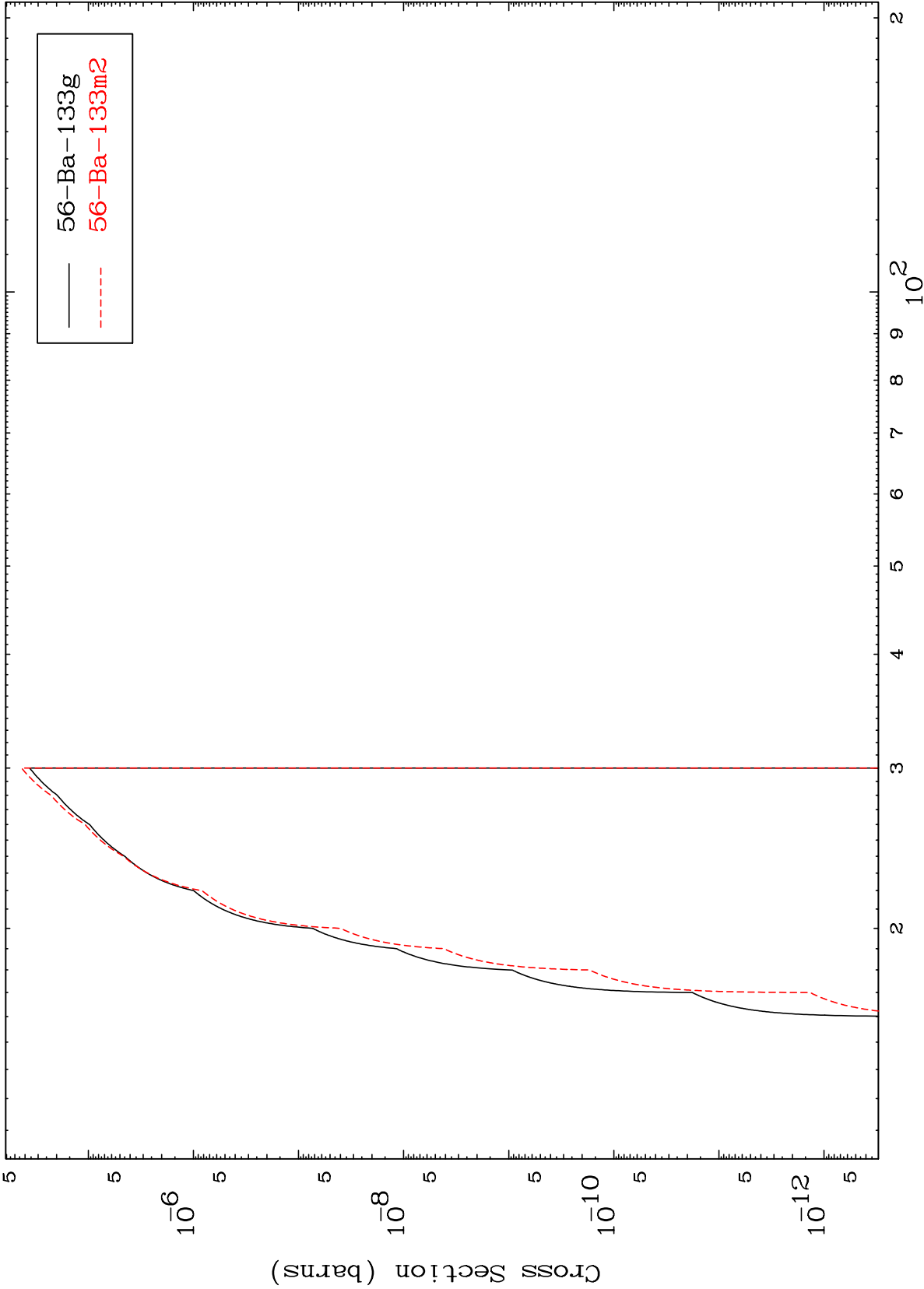
Incident Energy (MeV)

56-Ba-131

MAT 5628

56-Ba-131

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

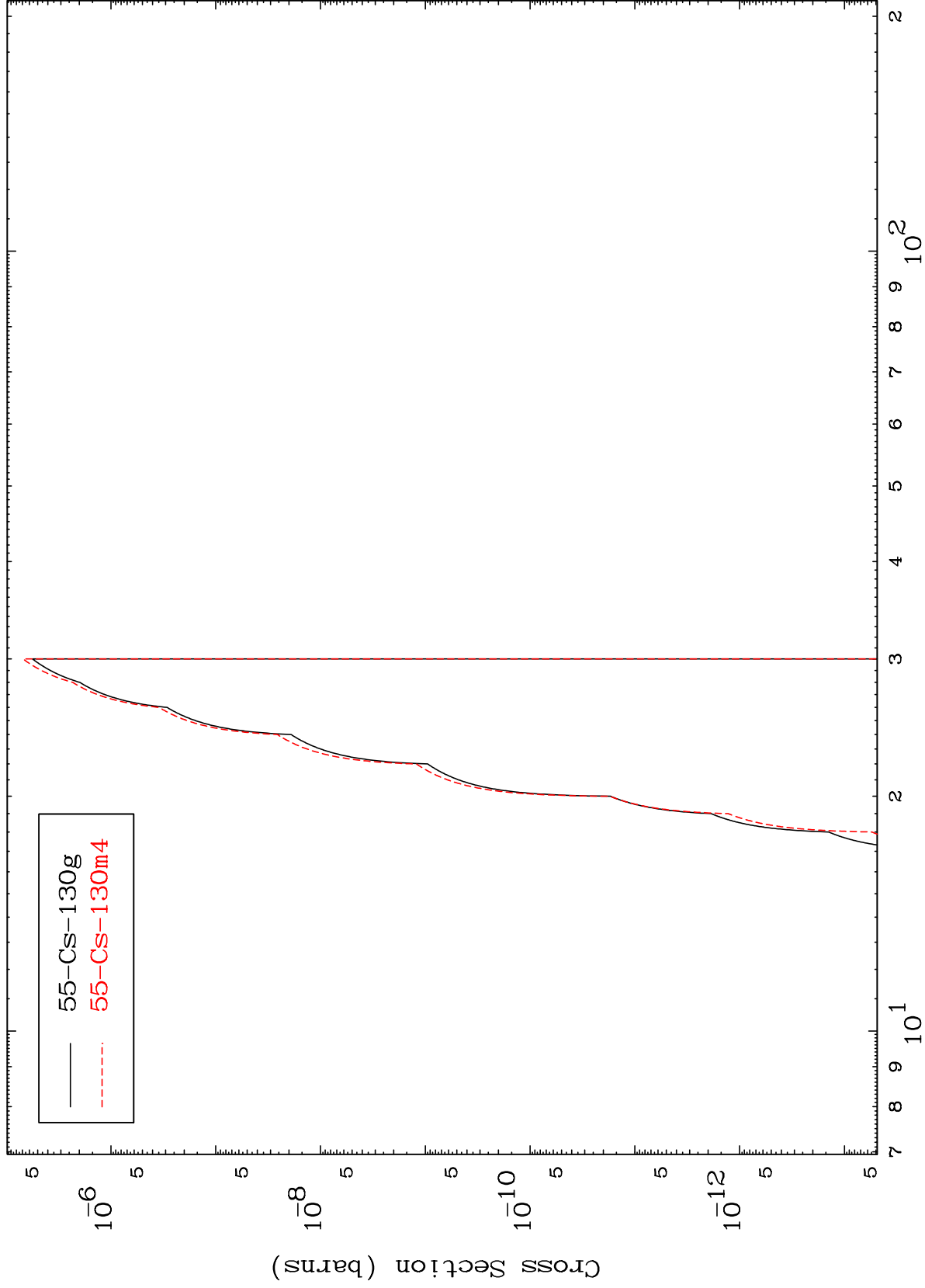
56-Ba-131

MAT 5628

(n,p) α

56-Ba-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

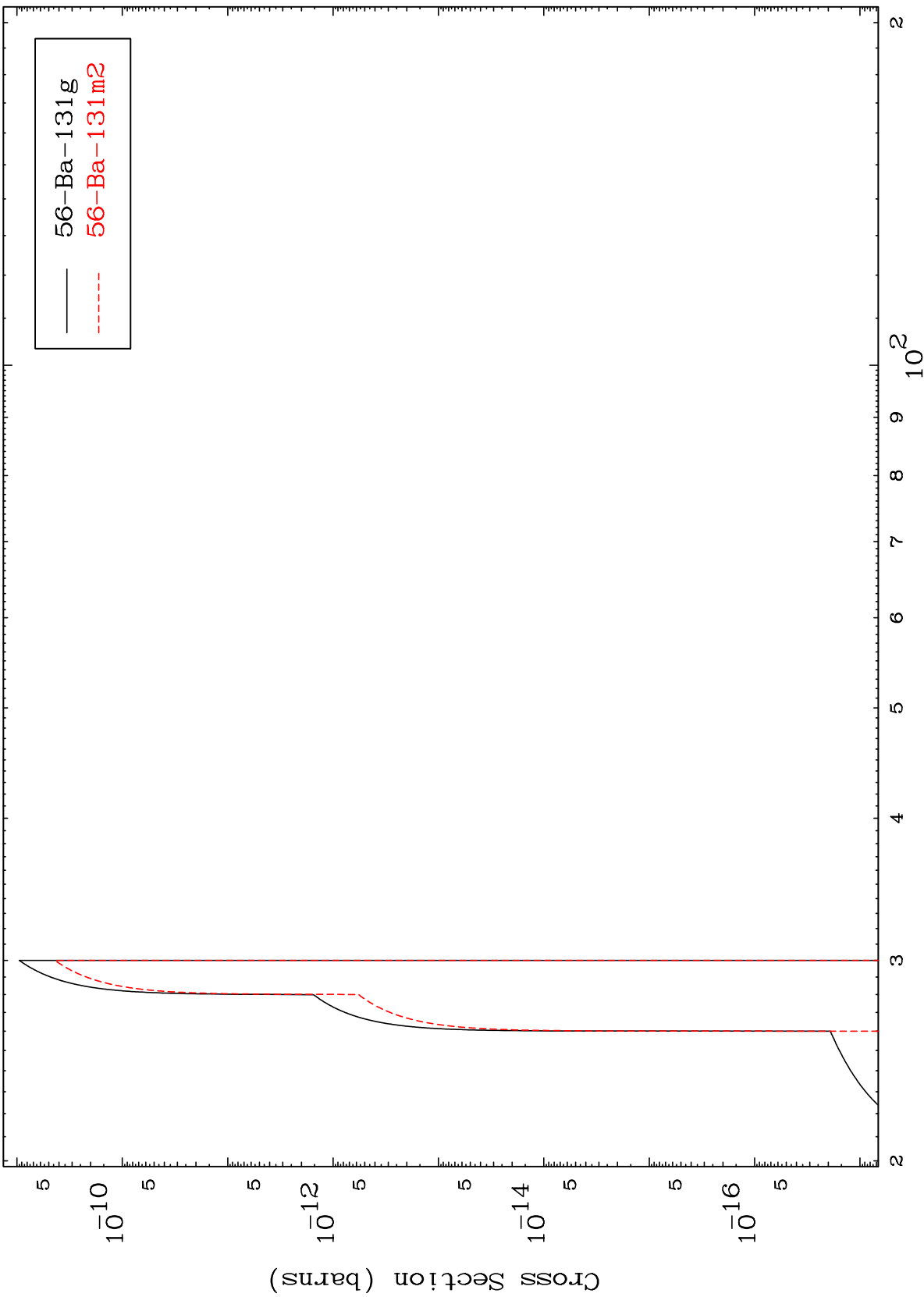
56-Ba-131

MAT 5628

(n,p) t

56-Ba-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-131