

Program EVALPLOT
(Version 2021-1)

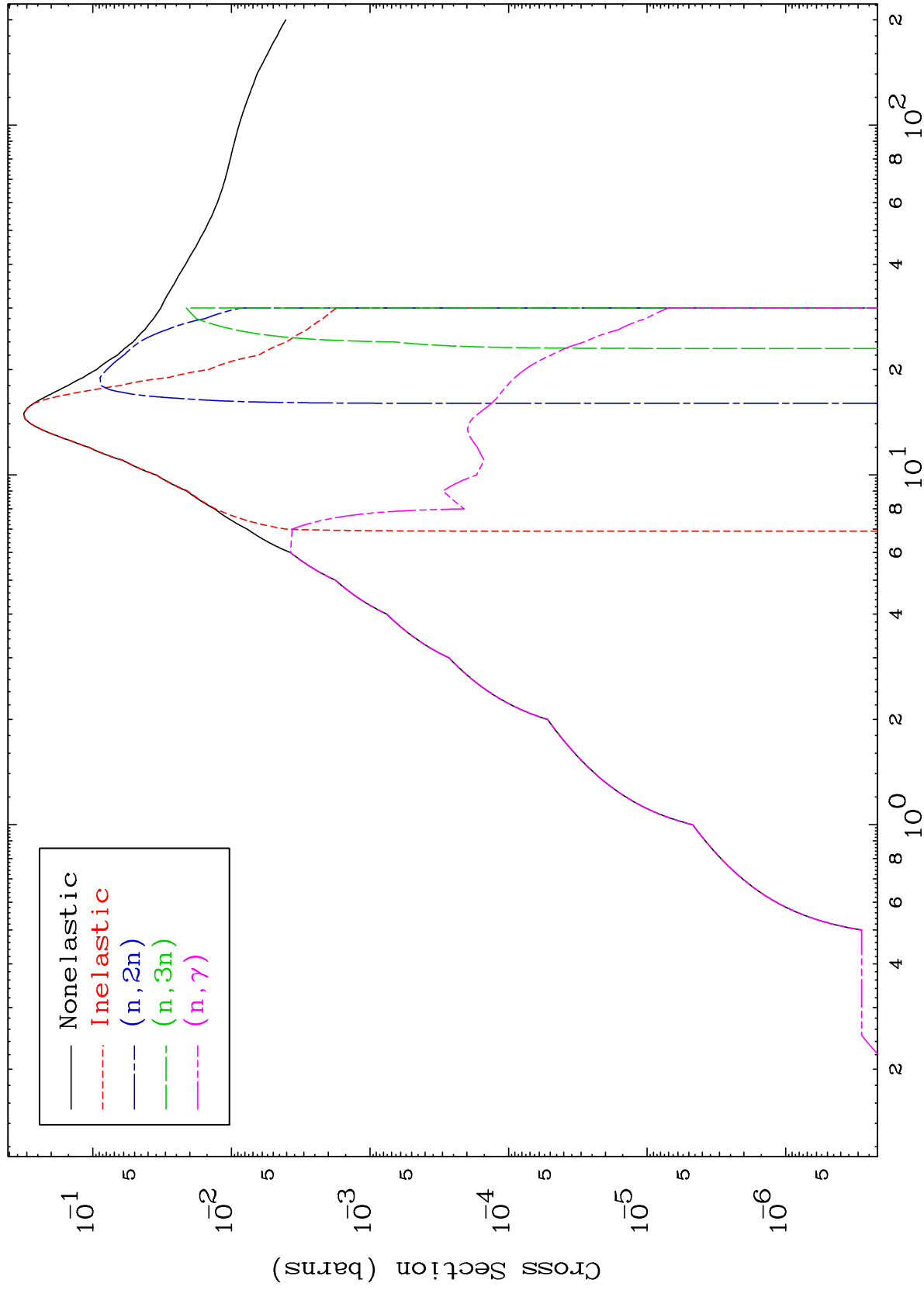
by

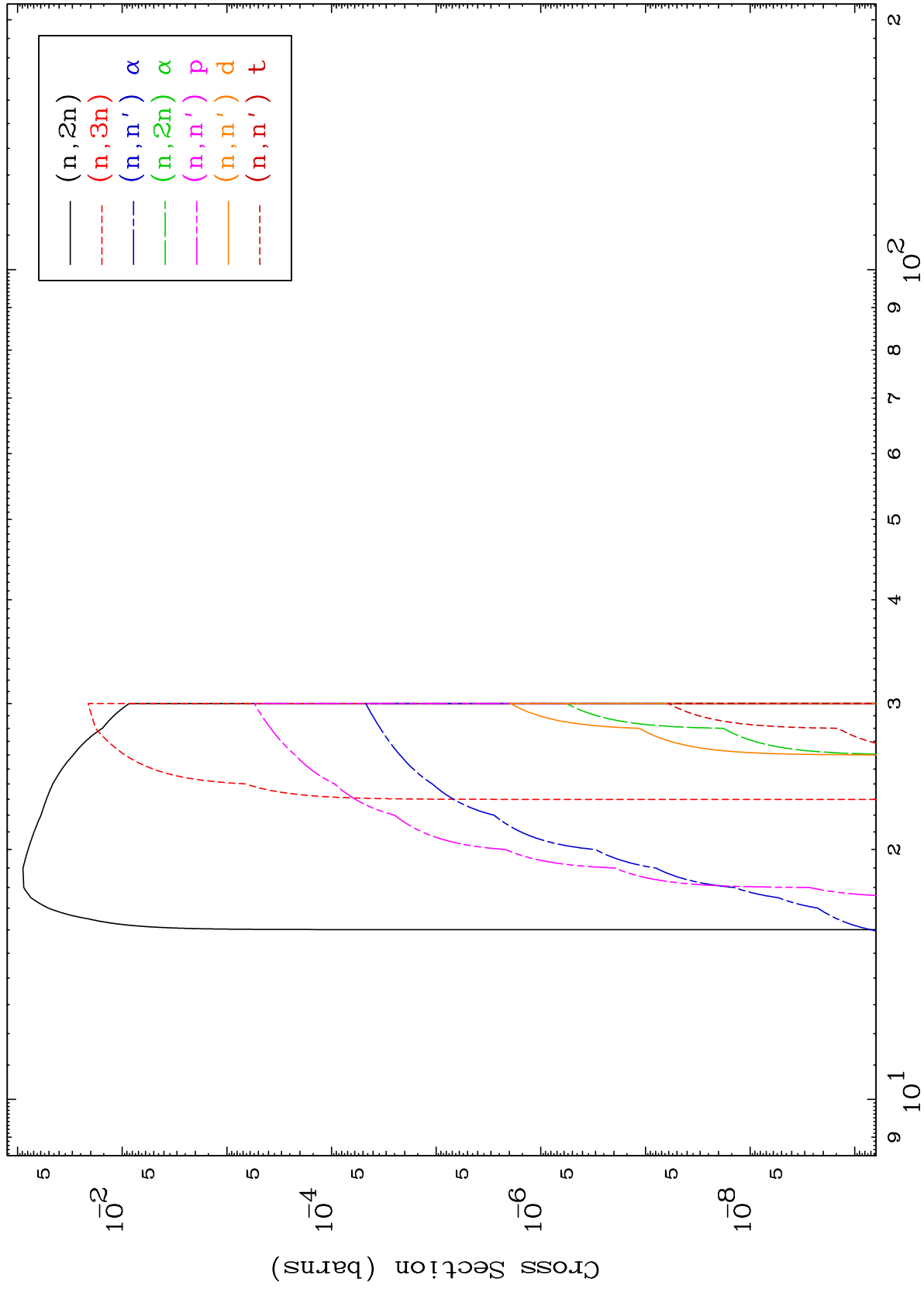
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

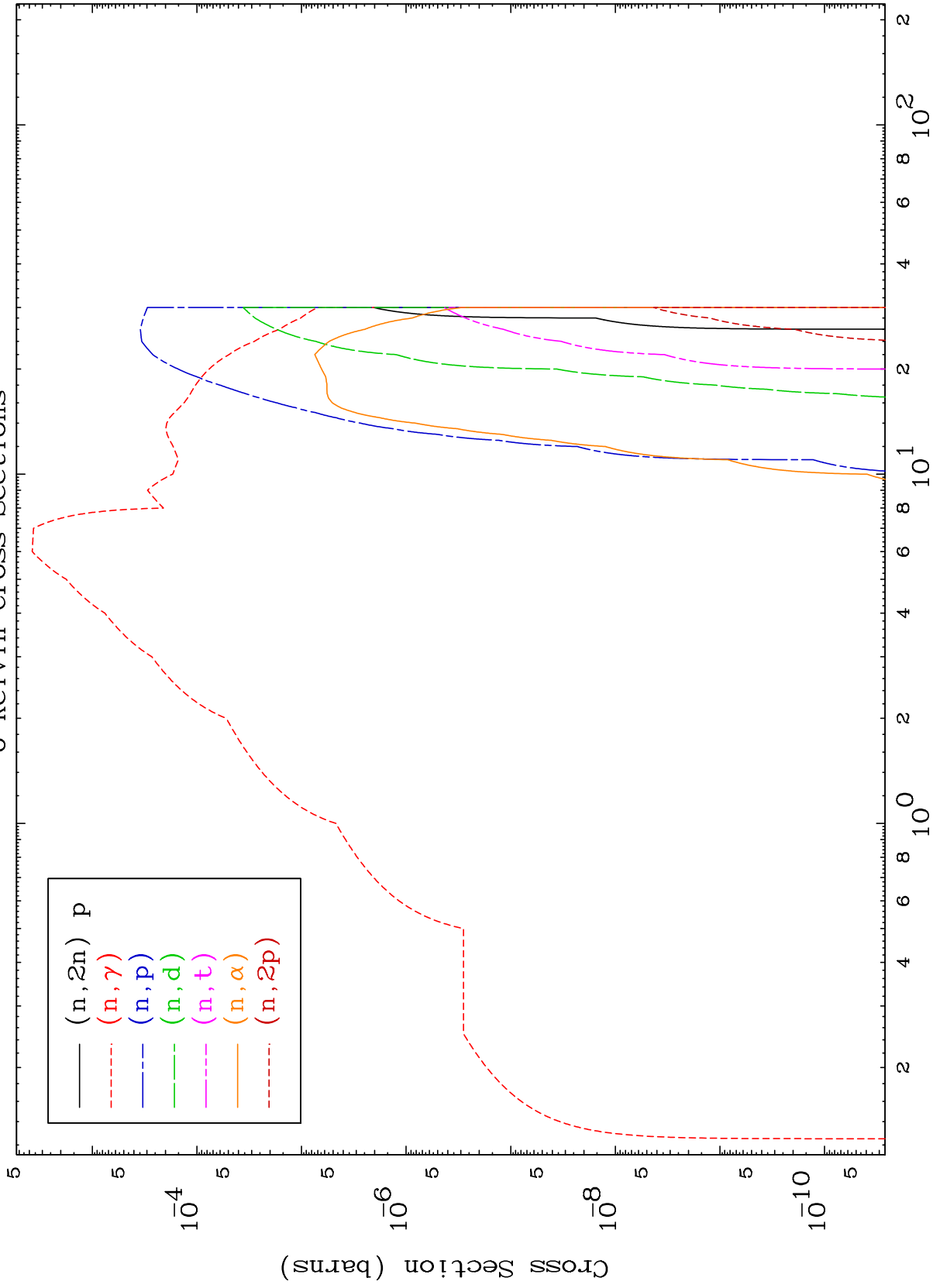
Tele: 925-443-1911

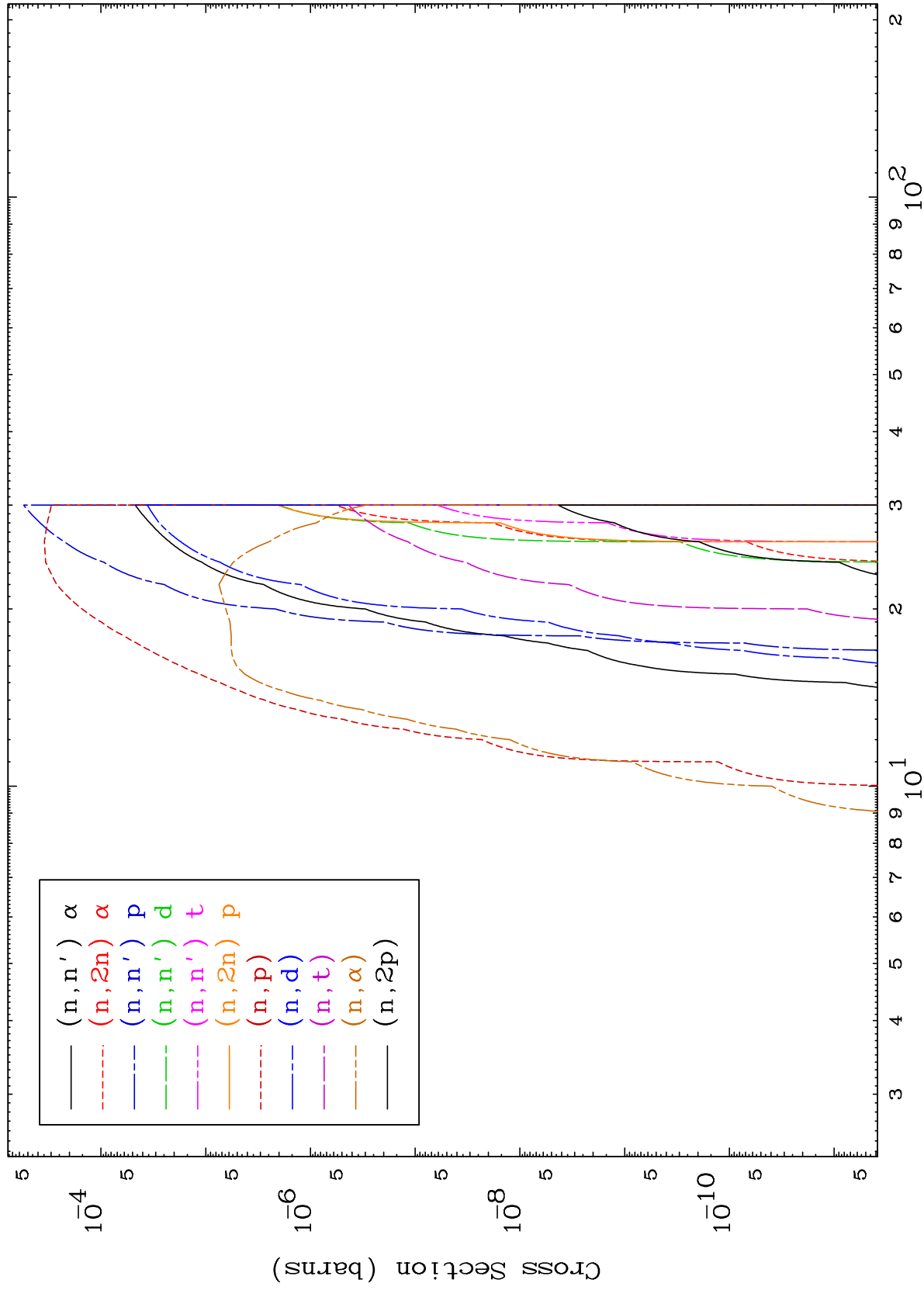
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





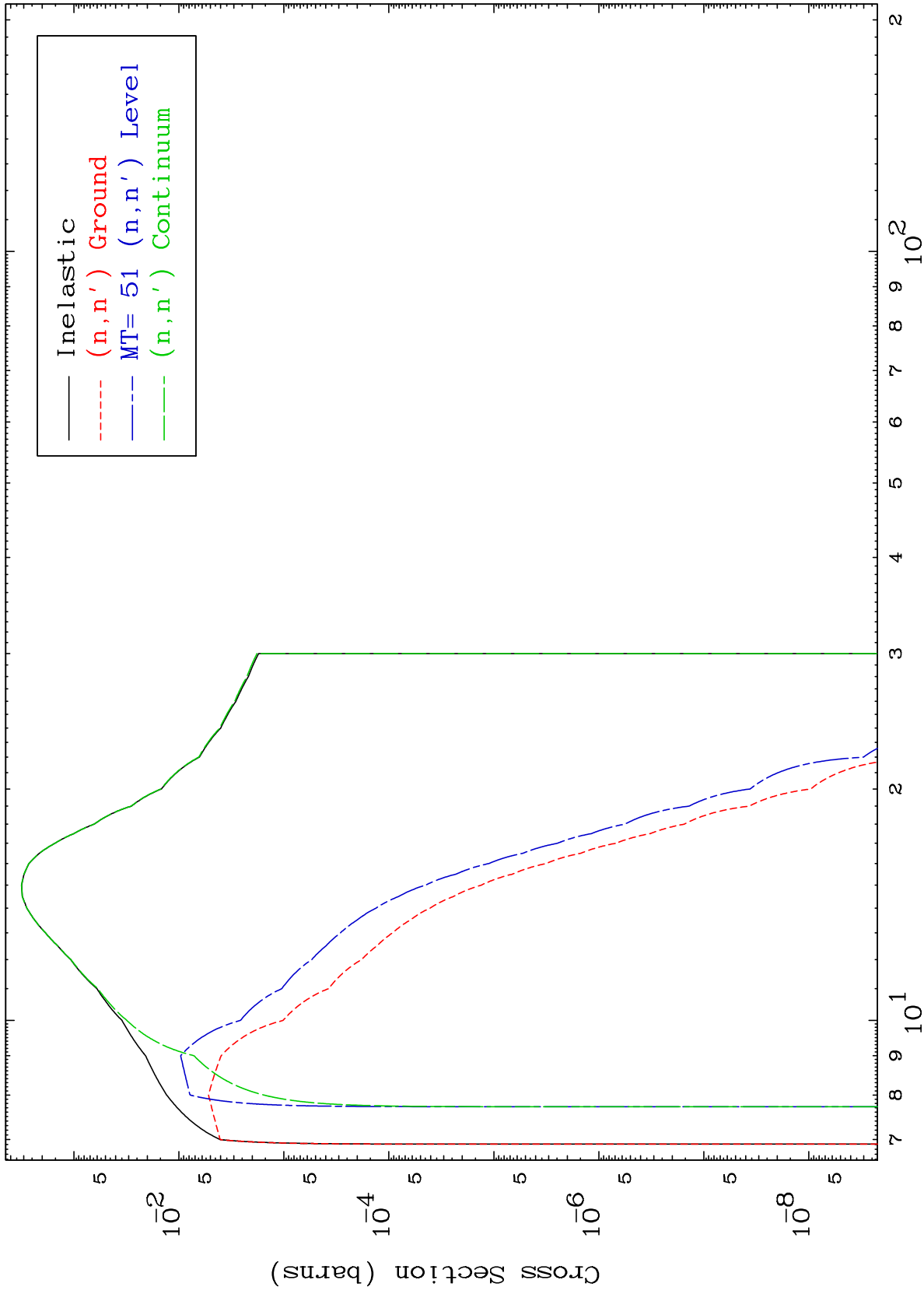




MAT 5646

56-Ba-137

(γ, n') Levels
0 Kelvin Cross Sections



5

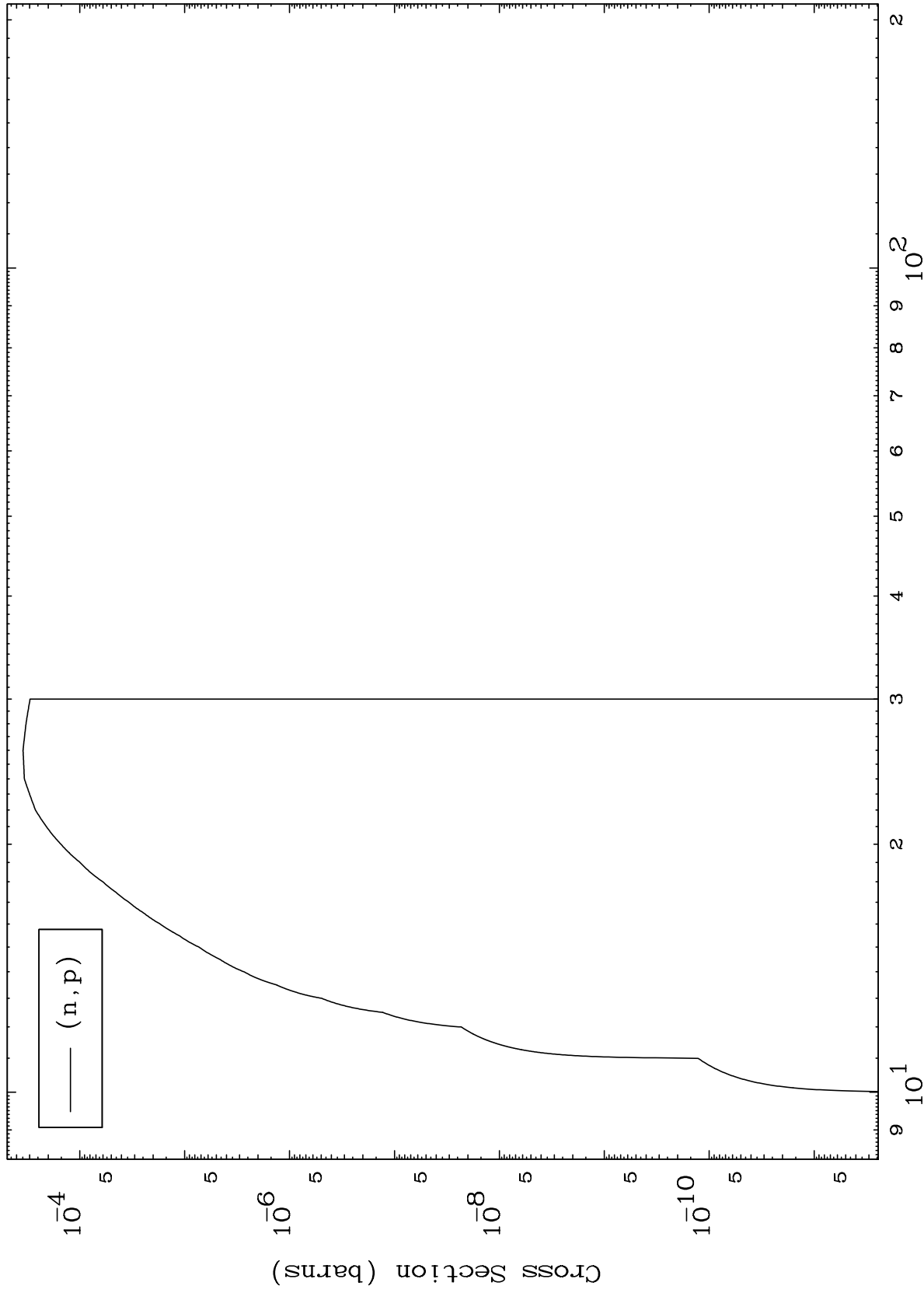
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

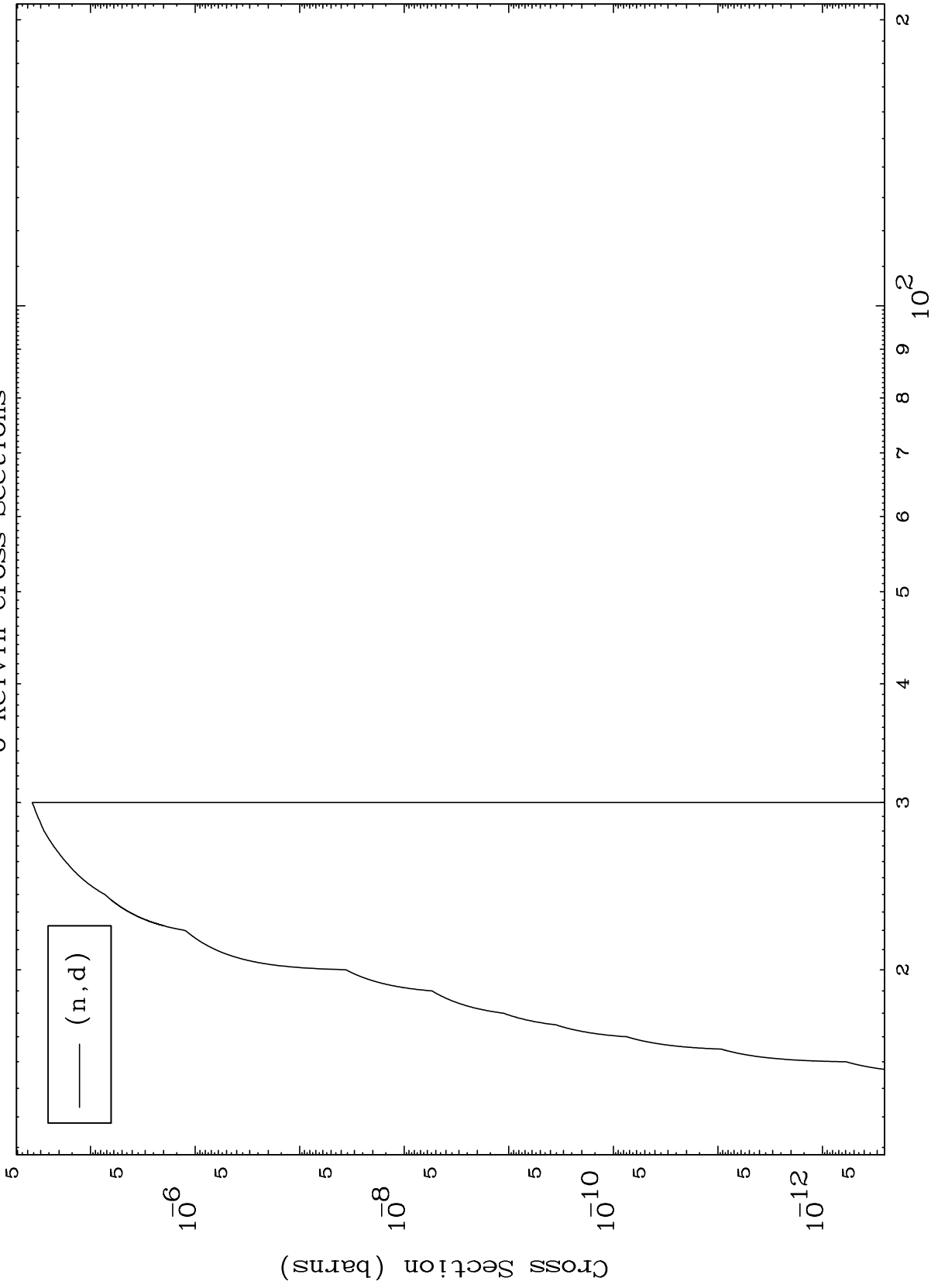
(γ ,p) Levels
0 Kelvin Cross Sections



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56-Ba-137

(γ ,d) Levels
0 Kelvin Cross Sections



7

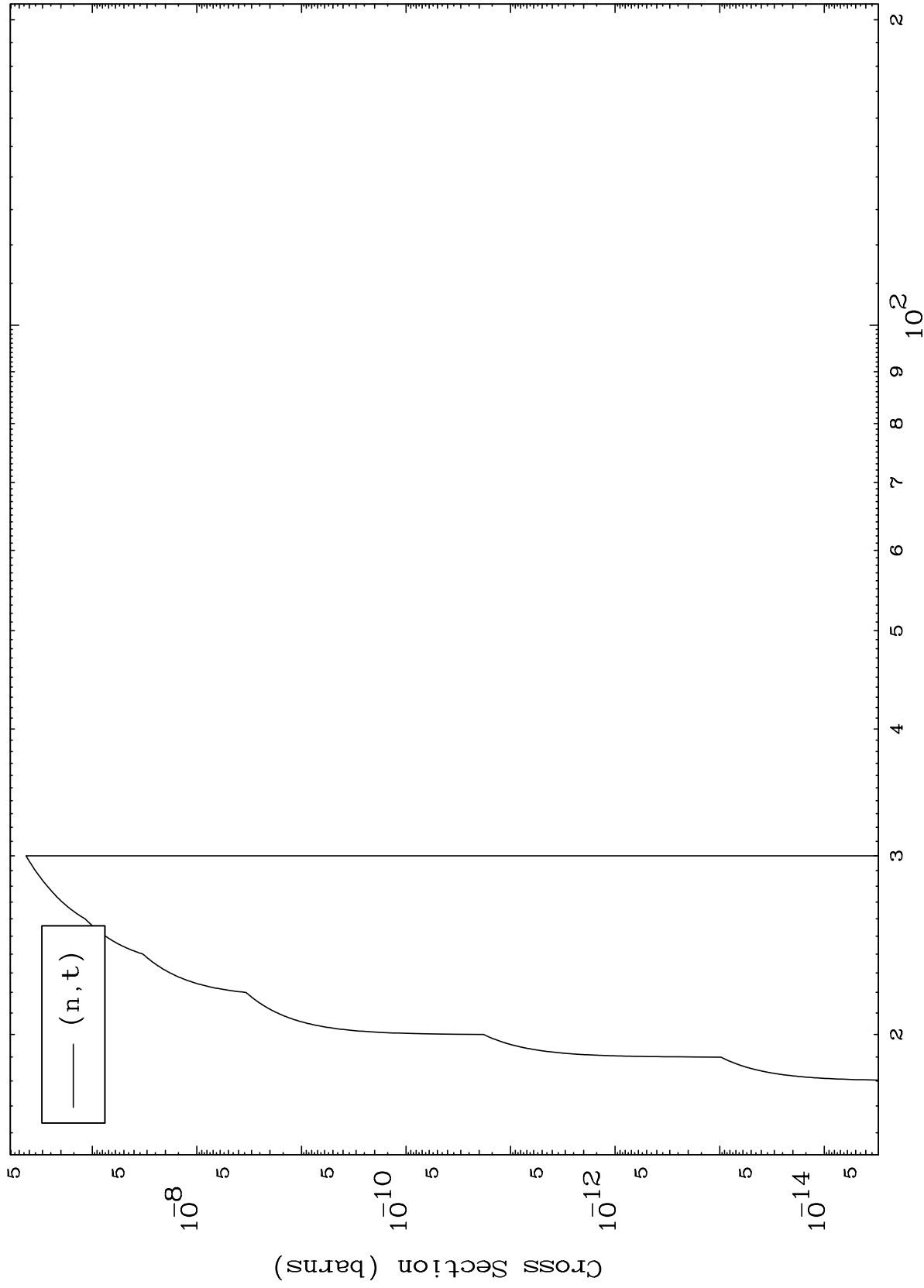
56-Ba-137

Incident Energy (MeV)

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(γ, t) Levels
0 Kelvin Cross Sections

56-Ba-137



8

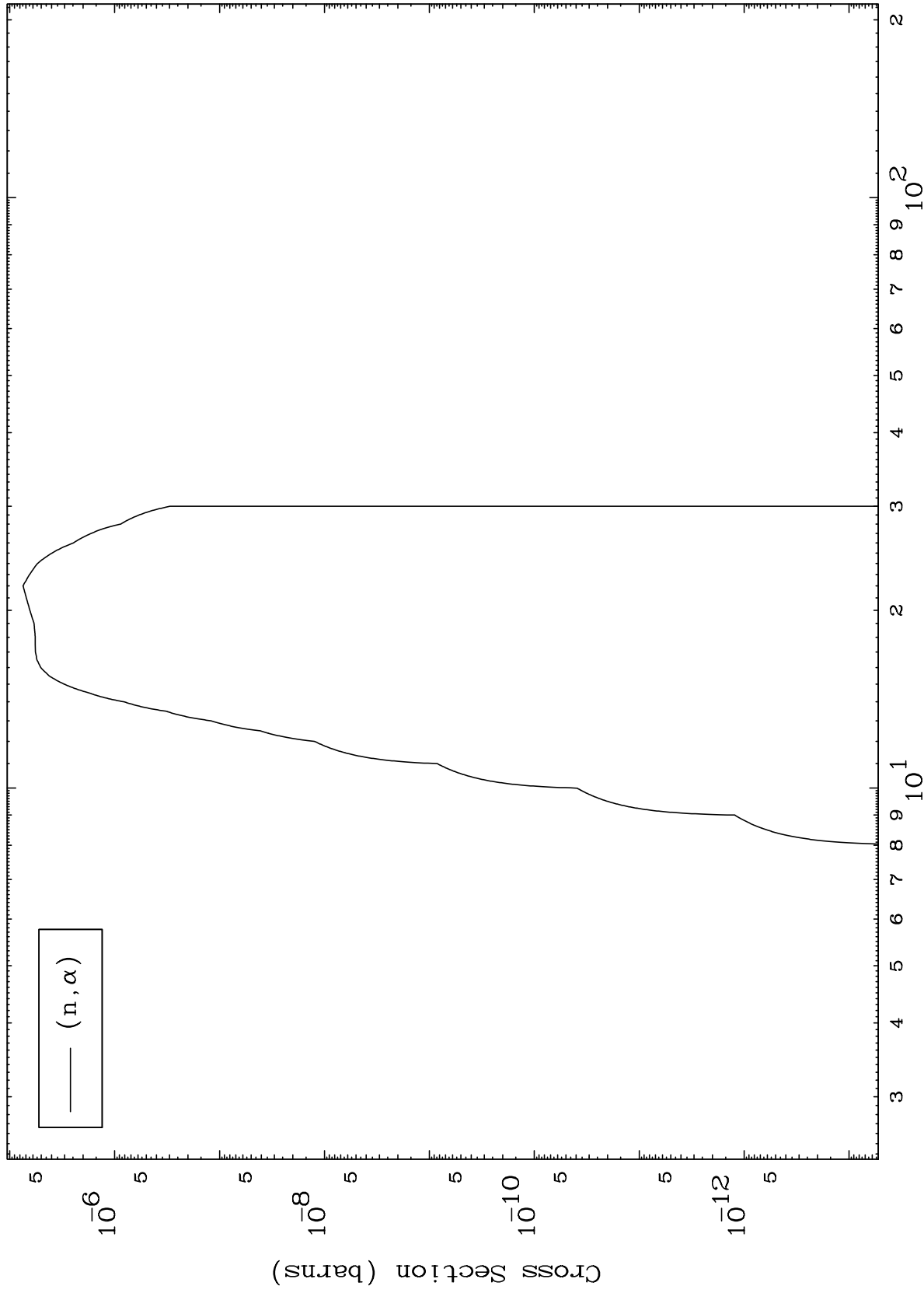
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(γ, α) Levels
0 Kelvin Cross Sections



9

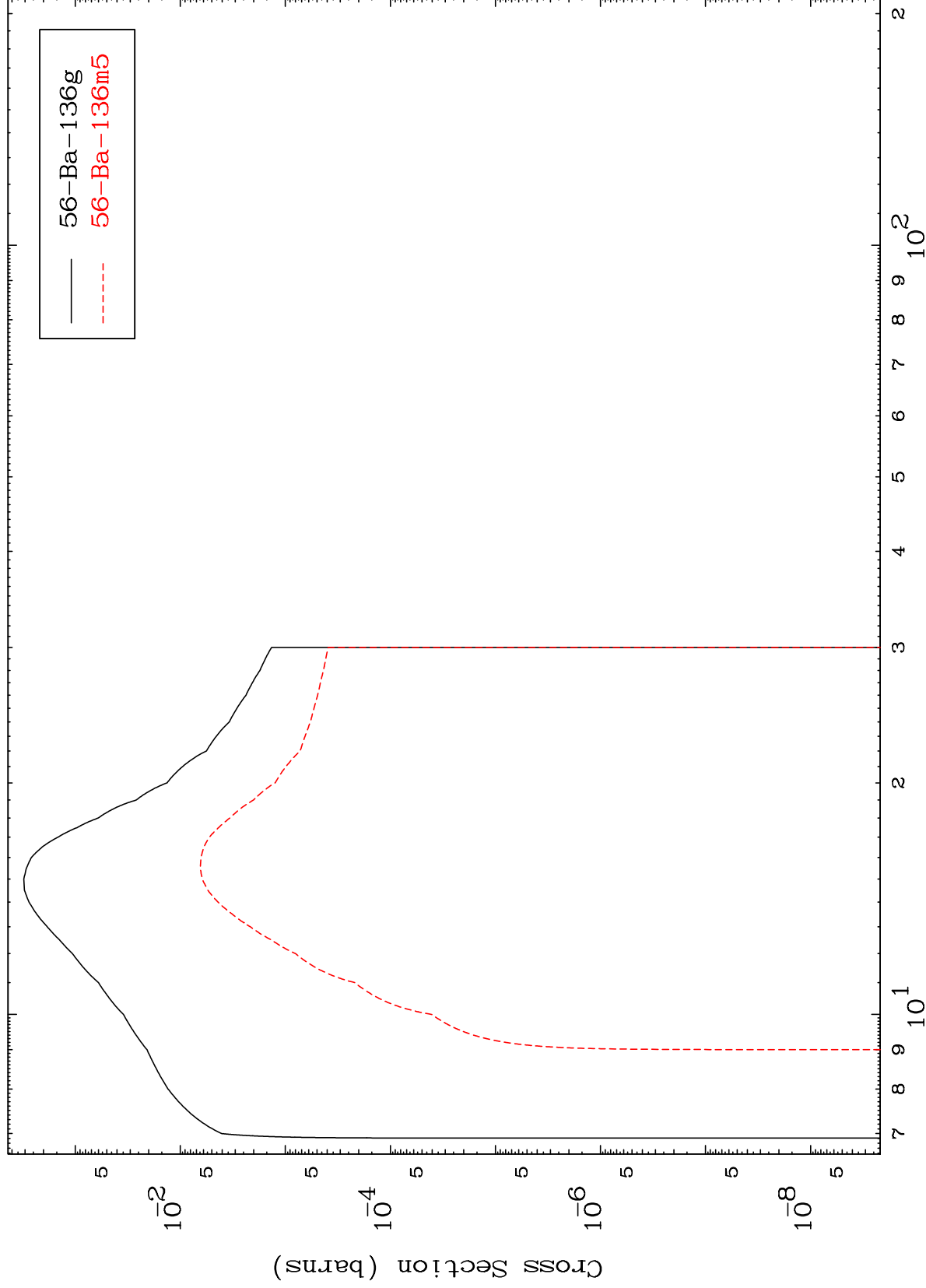
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

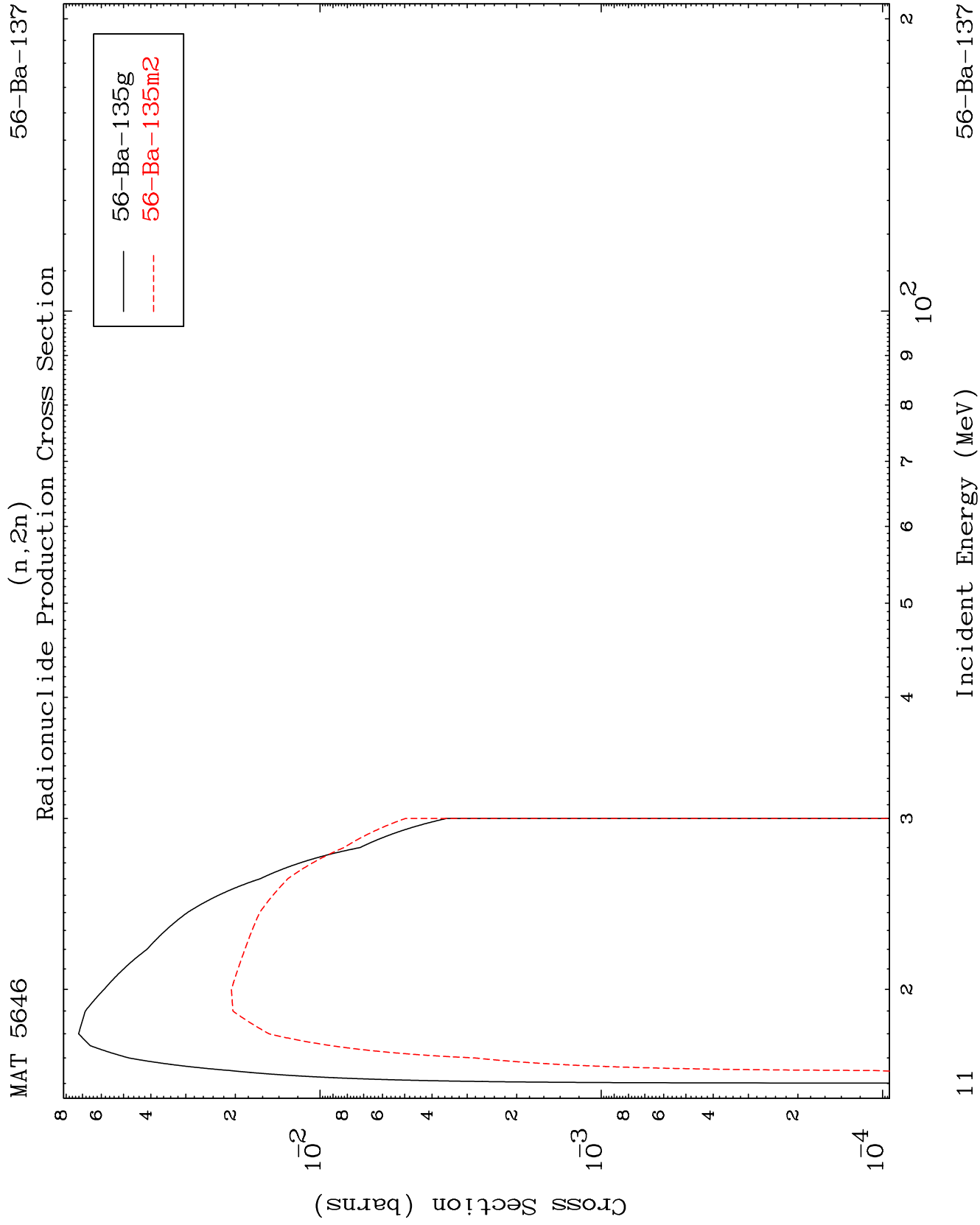
Inelastic
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

10

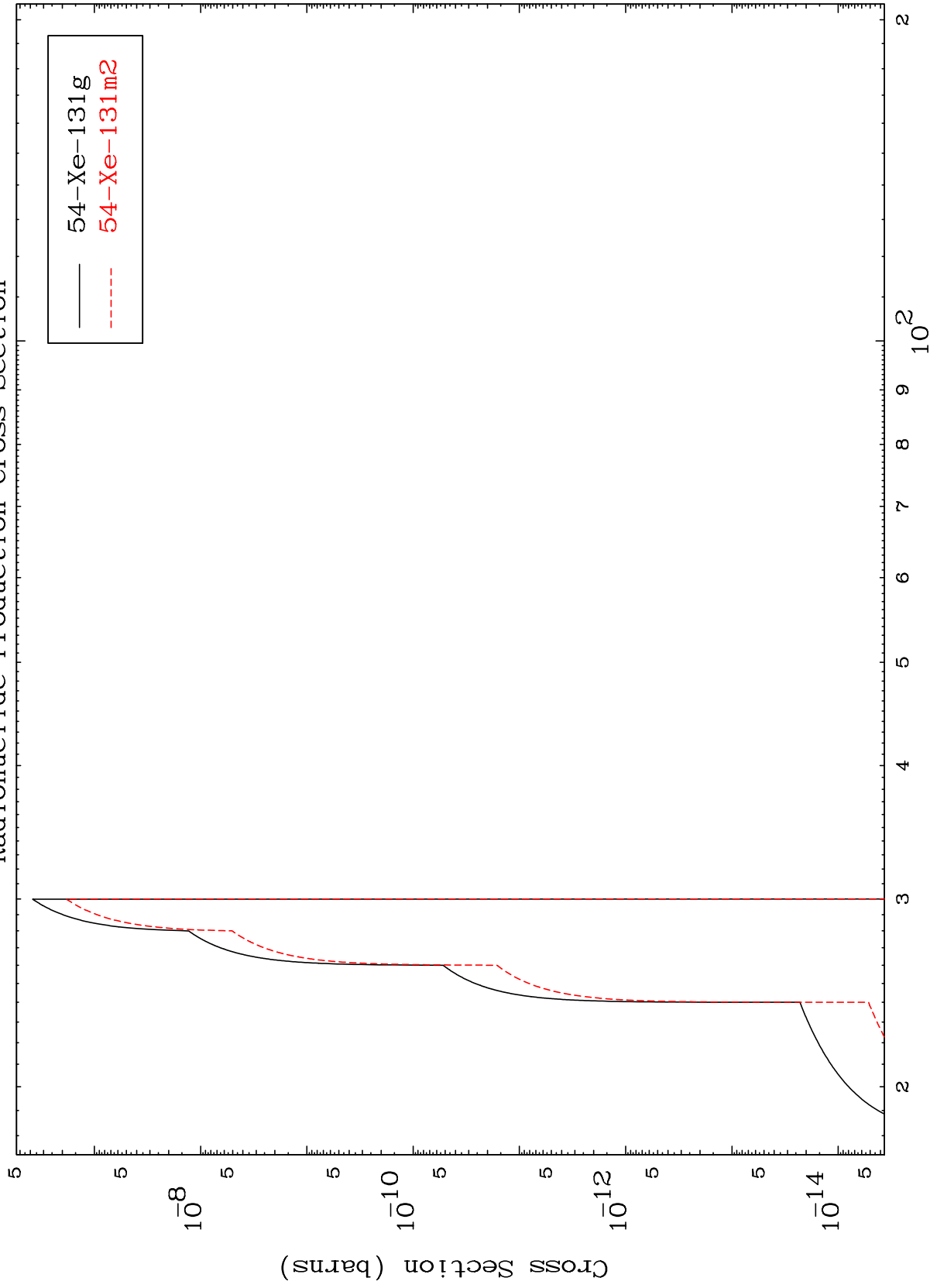


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$(n,2n) \alpha$

56-Ba-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

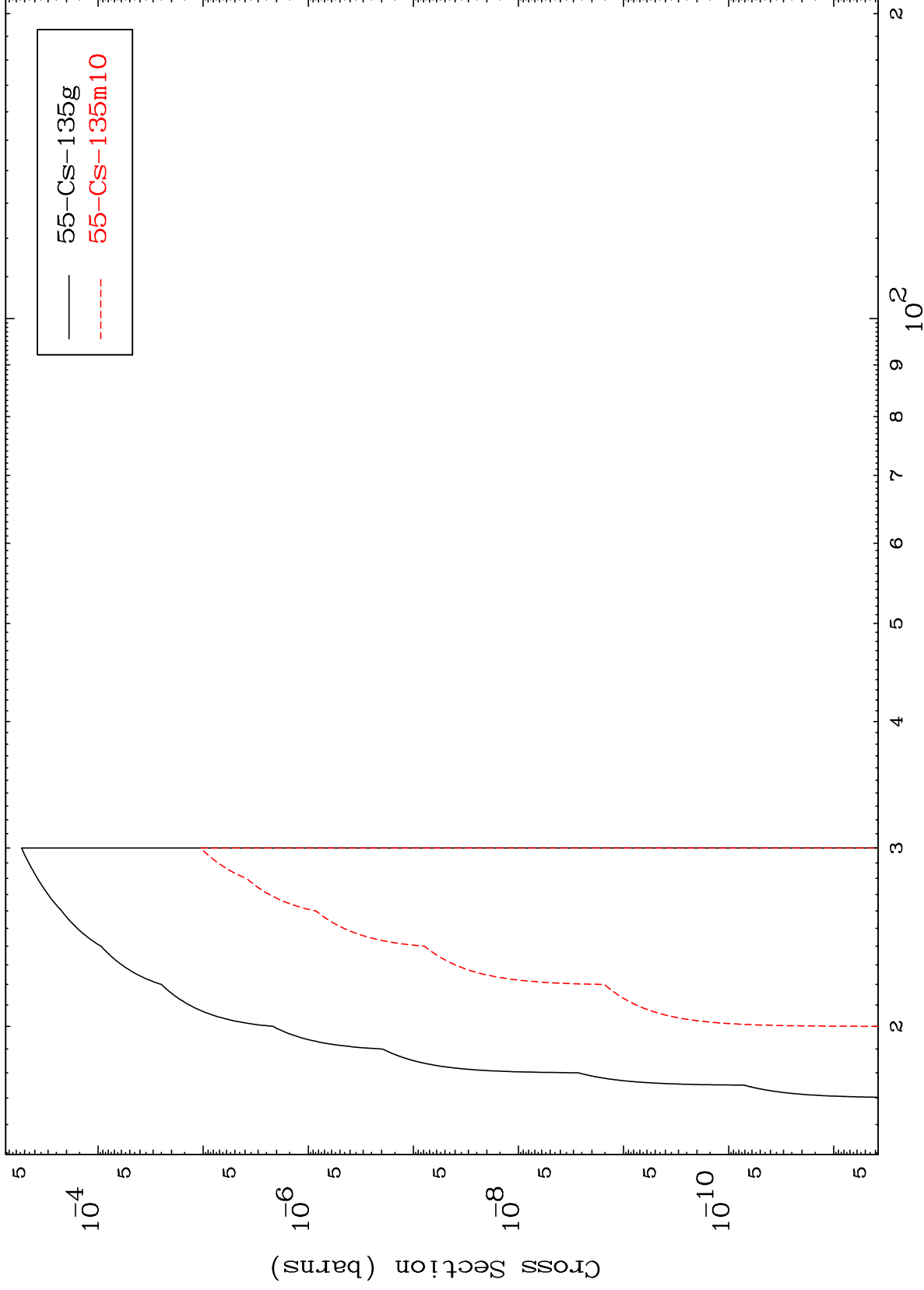
56-Ba-137

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(n,n') p

56-Ba-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

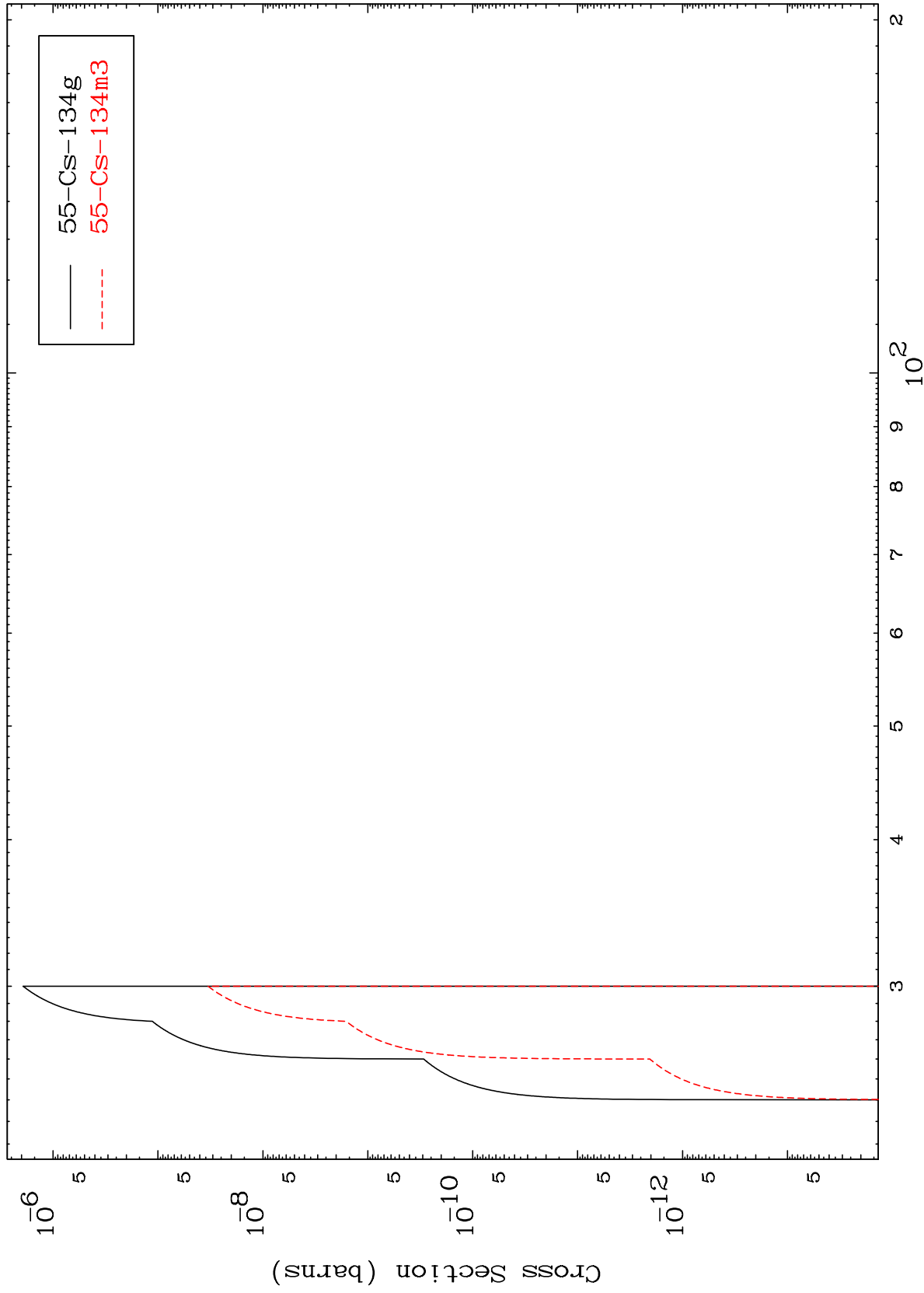
56-Ba-137

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(n,n') d

56-Ba-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

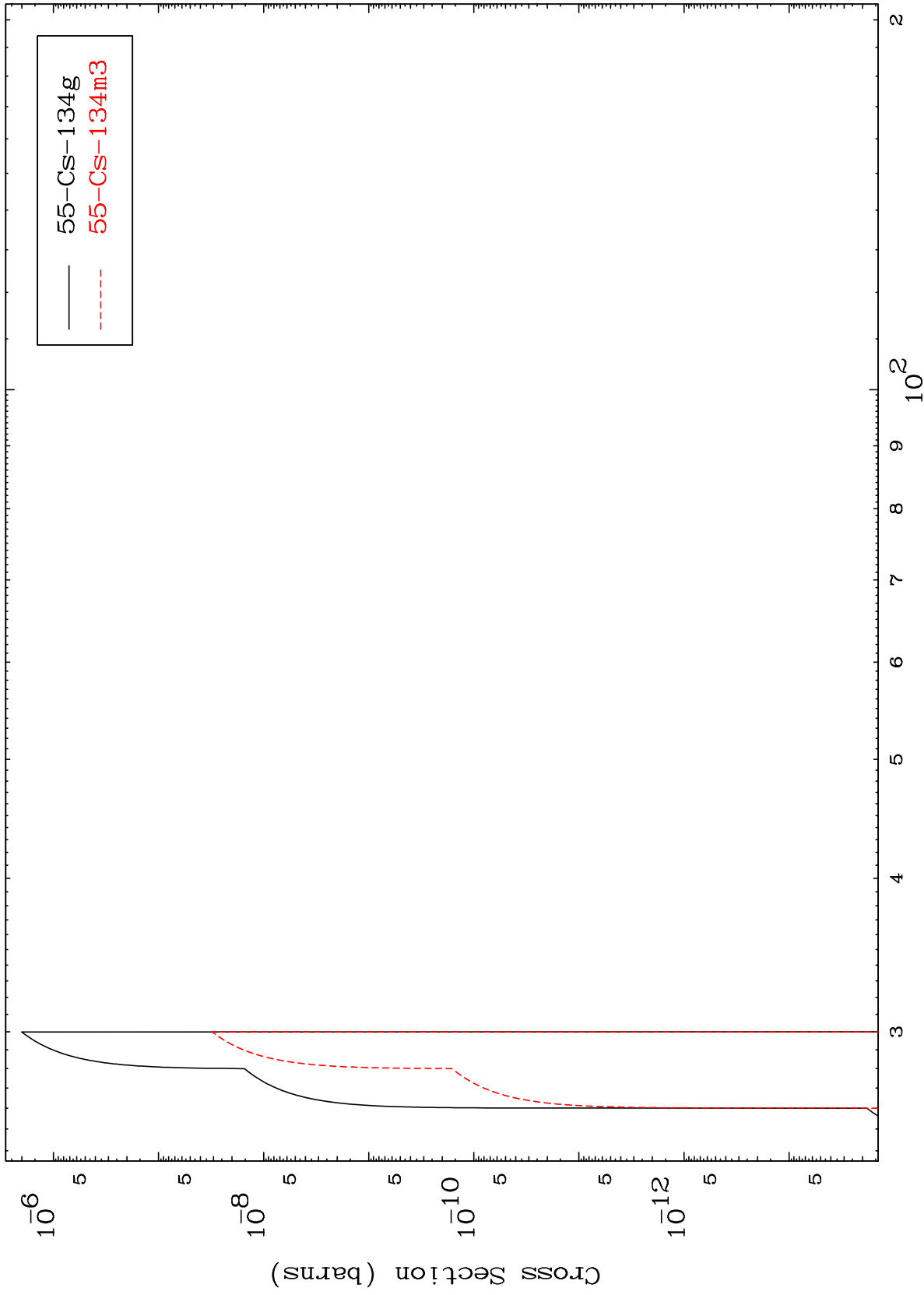
10^2

56-Ba-137

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56-Ba-137

(n,2n) p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

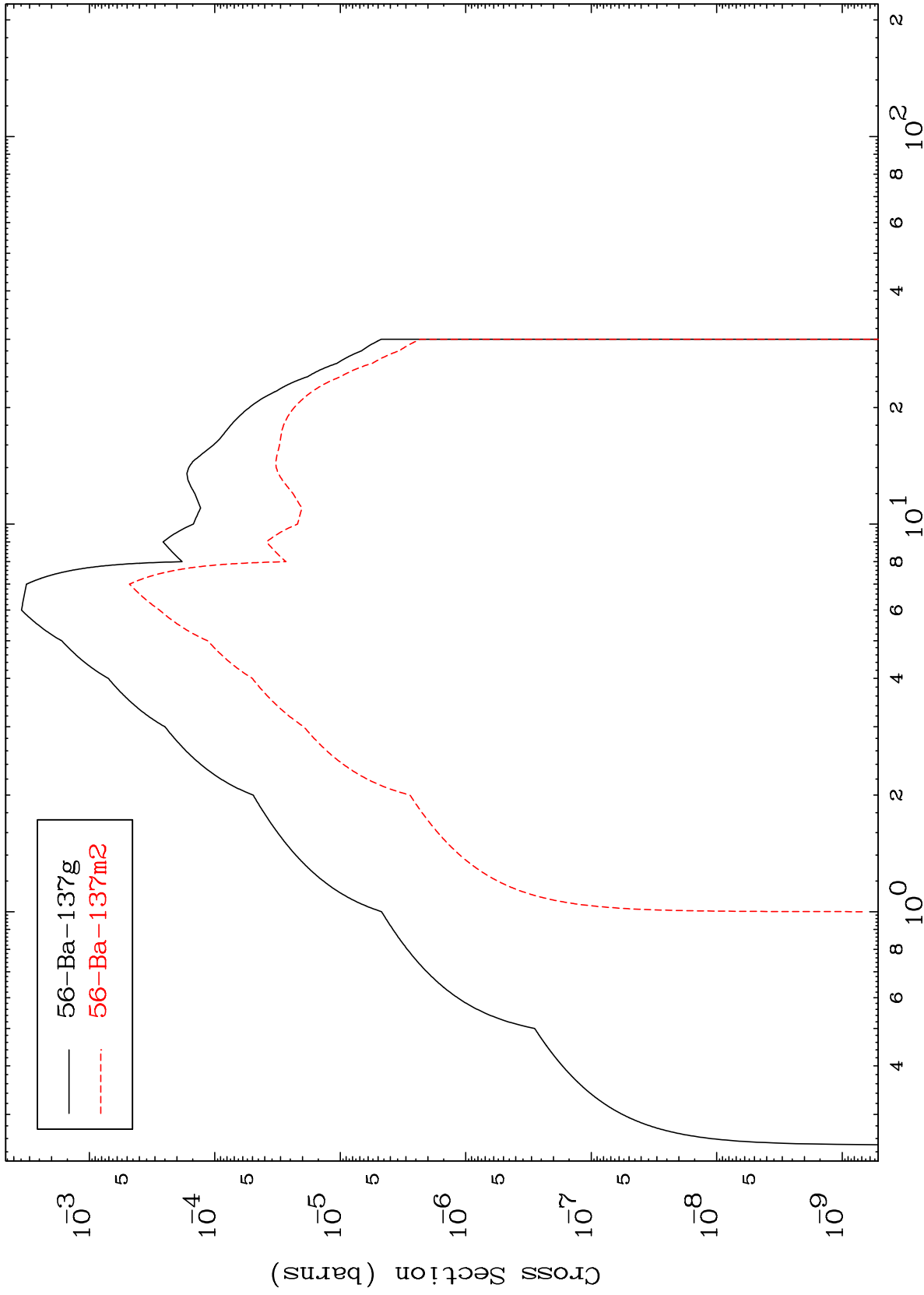
56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section

(n, γ)



16

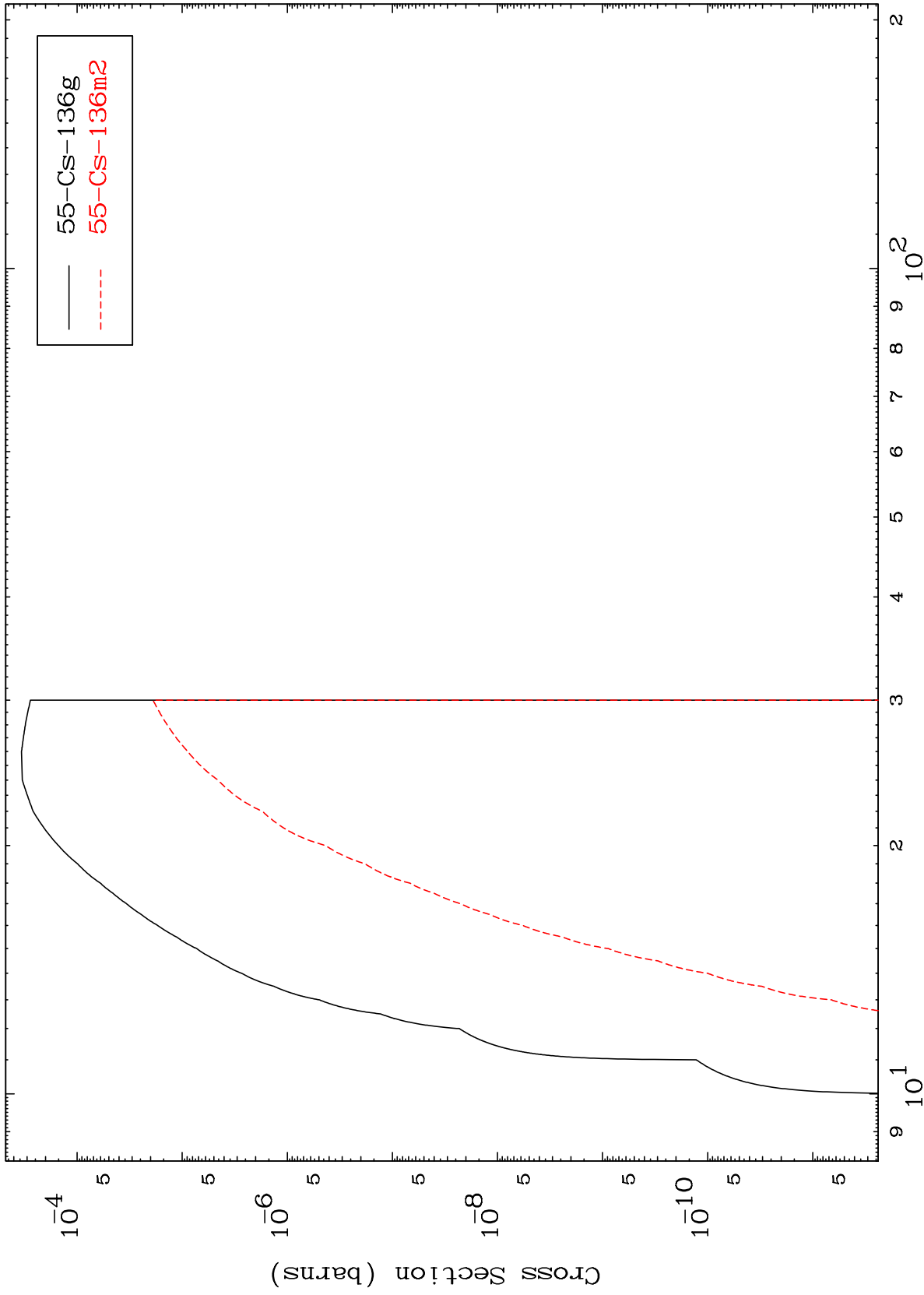
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n,p)
Radionuclide Production Cross Section



17

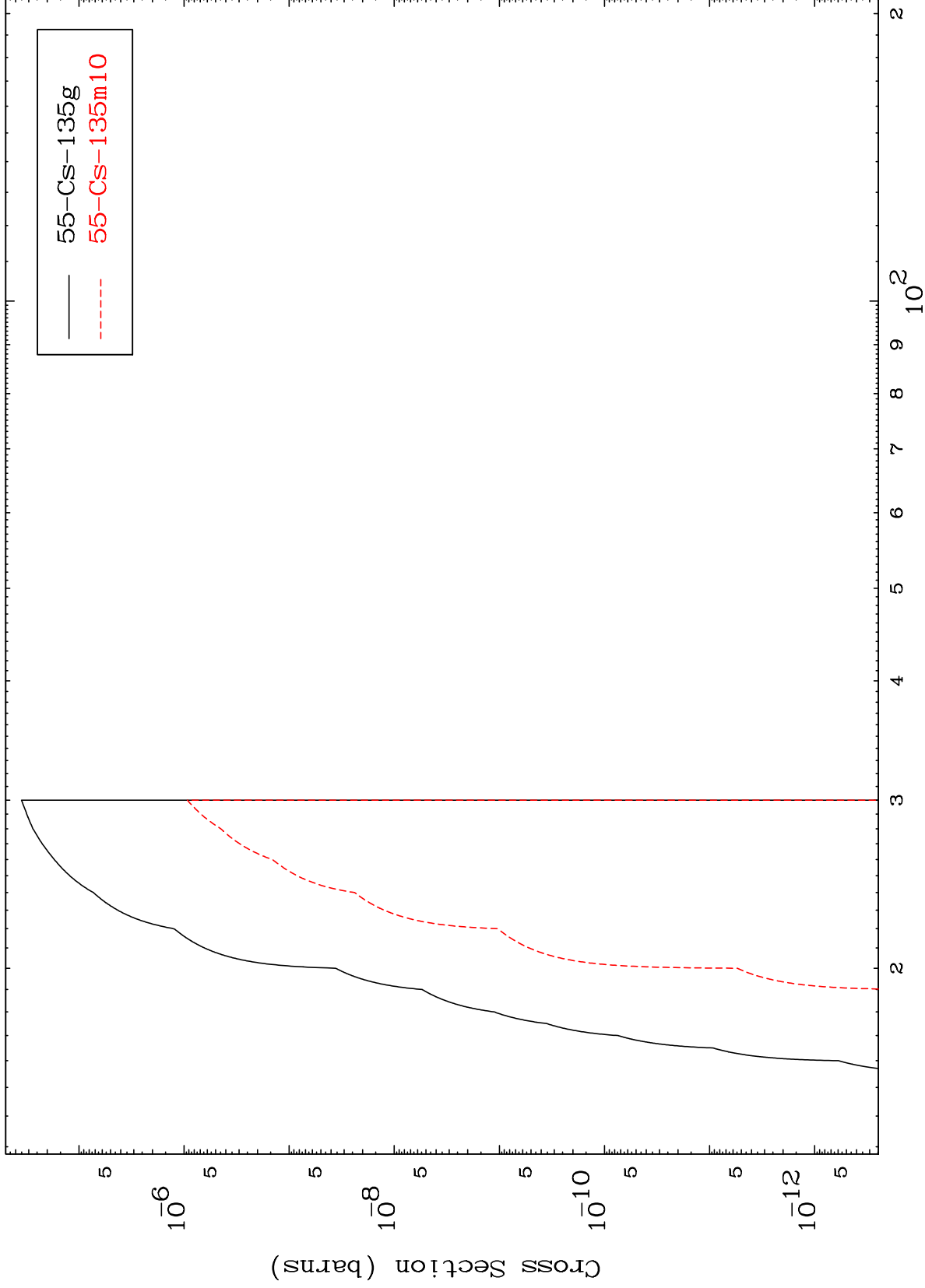
Incident Energy (MeV)

56-Ba-137

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(n,d)
Radionuclide Production Cross Section

$^{56}\text{Ba-137}$



18

Incident Energy (MeV)

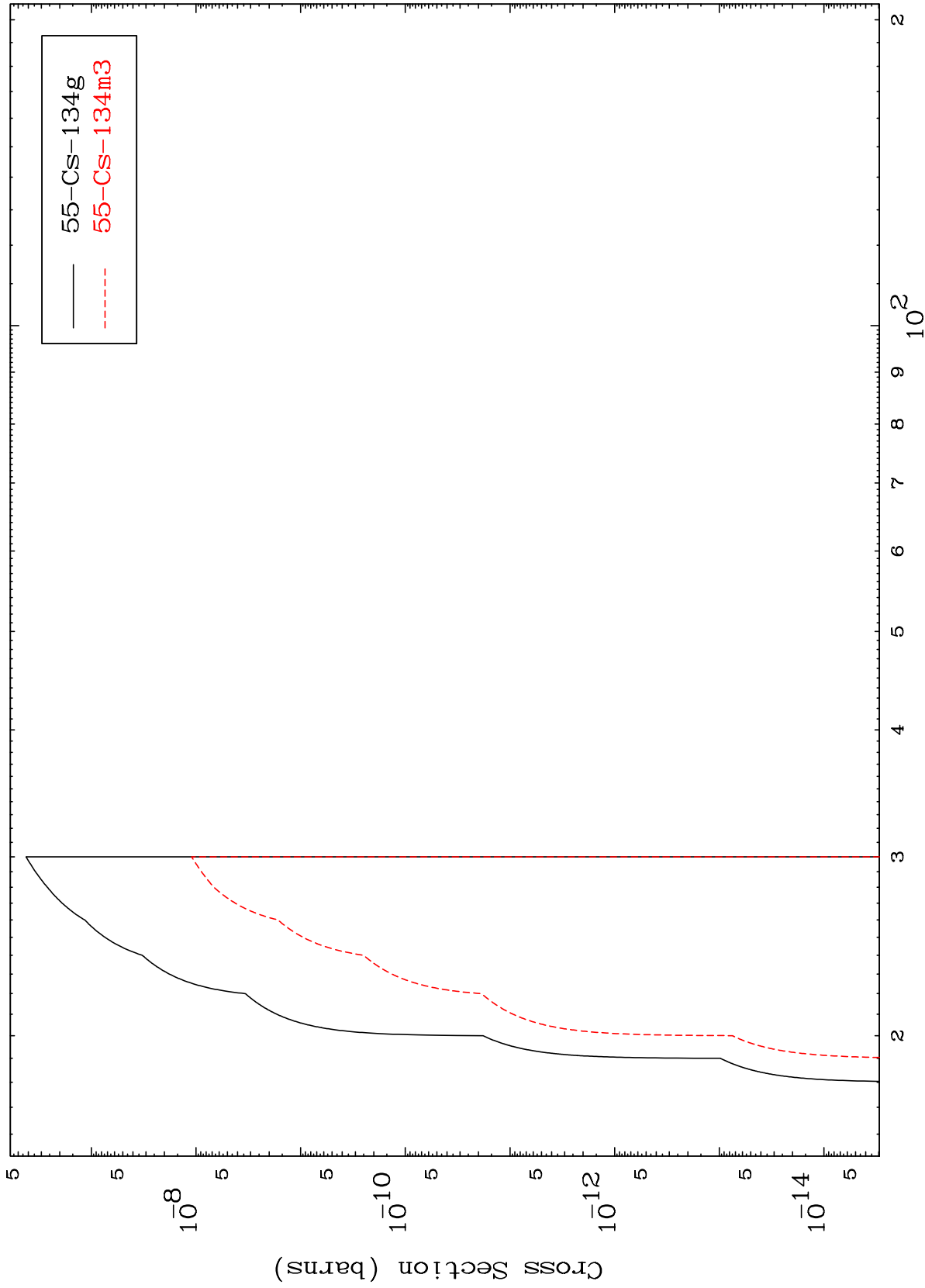
$^{56}\text{Ba-137}$

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(n,t)

56-Ba-137

Radionuclide Production Cross Section



19

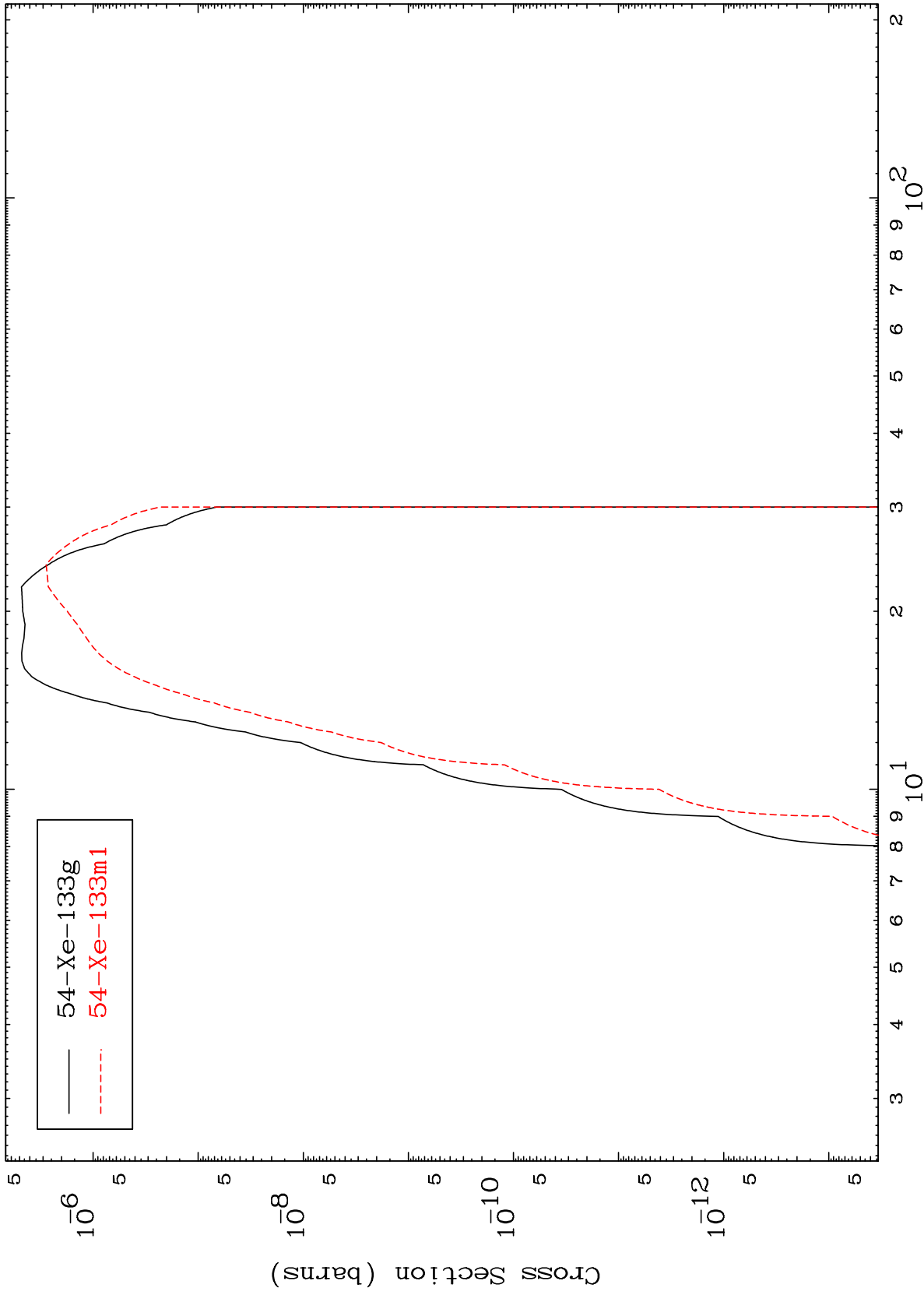
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section
(n, α)



20

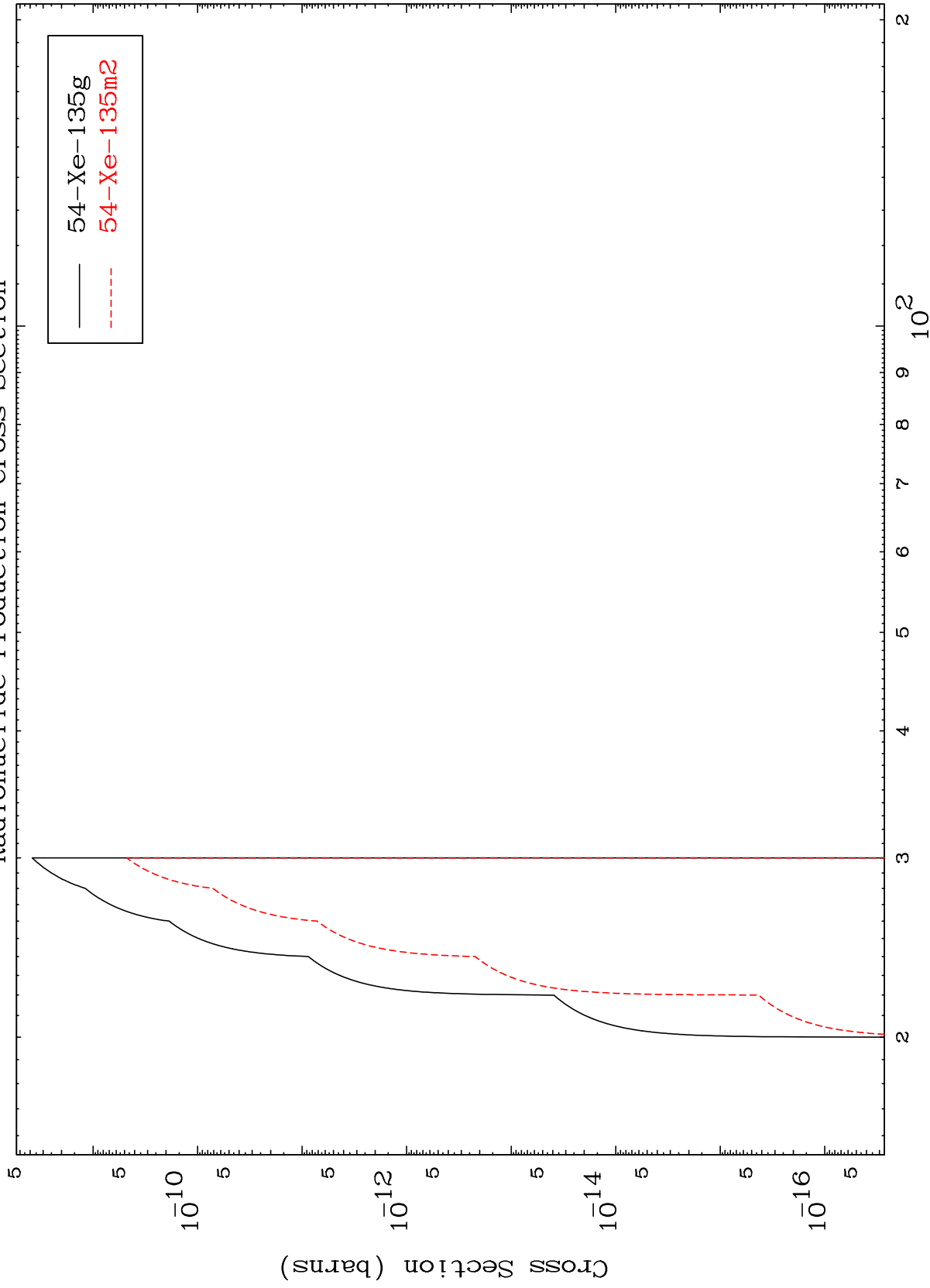
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n,2p)
Radionuclide Production Cross Section



21

56-Ba-137