

Program EVALPLOT
(Version 2018-1)

by

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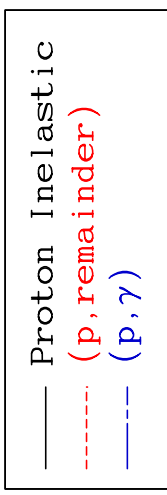
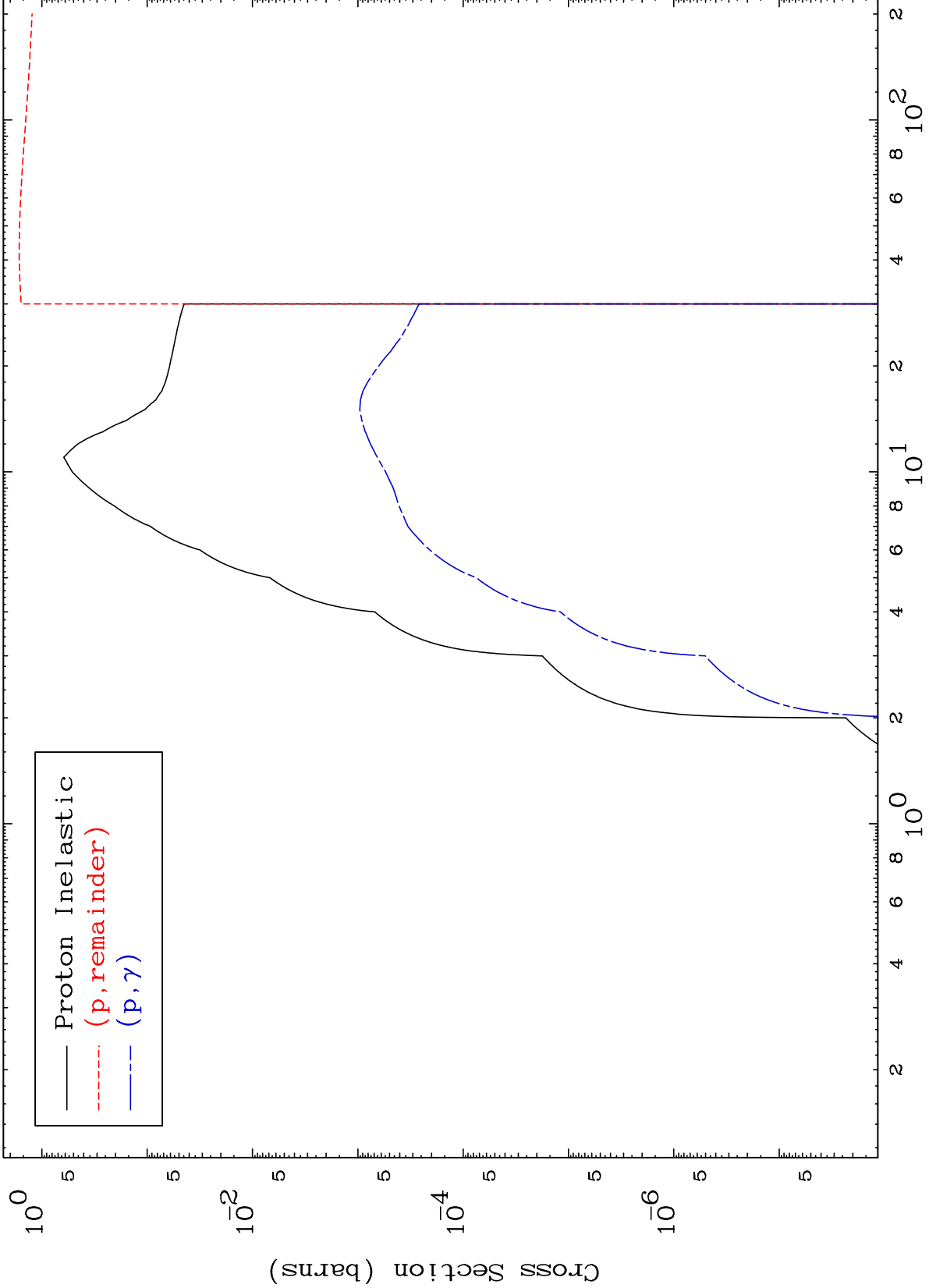
Press Mouse Button to Start

MAT 5646

Proton Major

56-Ba-137

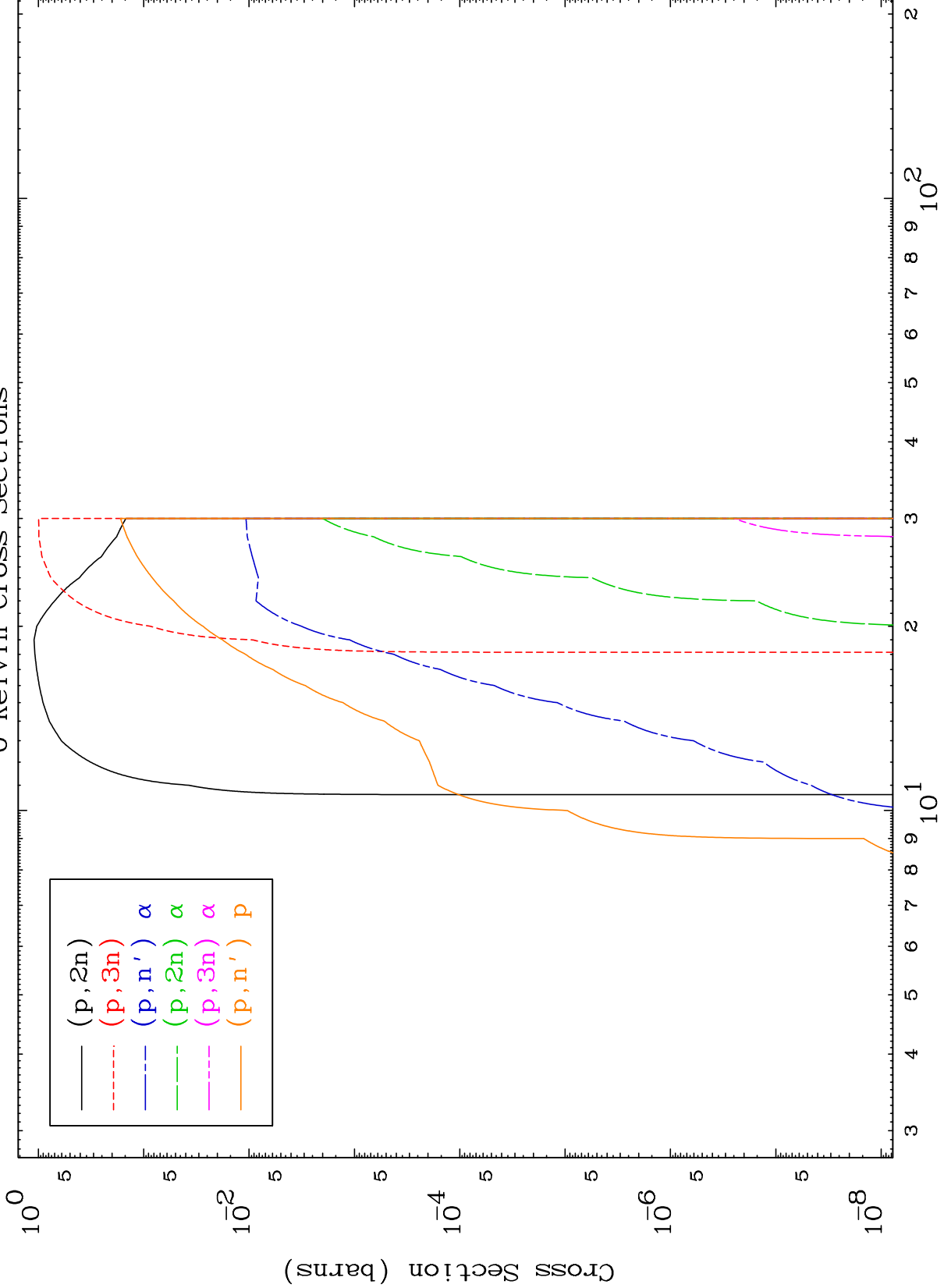
0 Kelvin Cross Sections



MAT 5646

Proton Neutron Production
0 Kelvin Cross Sections

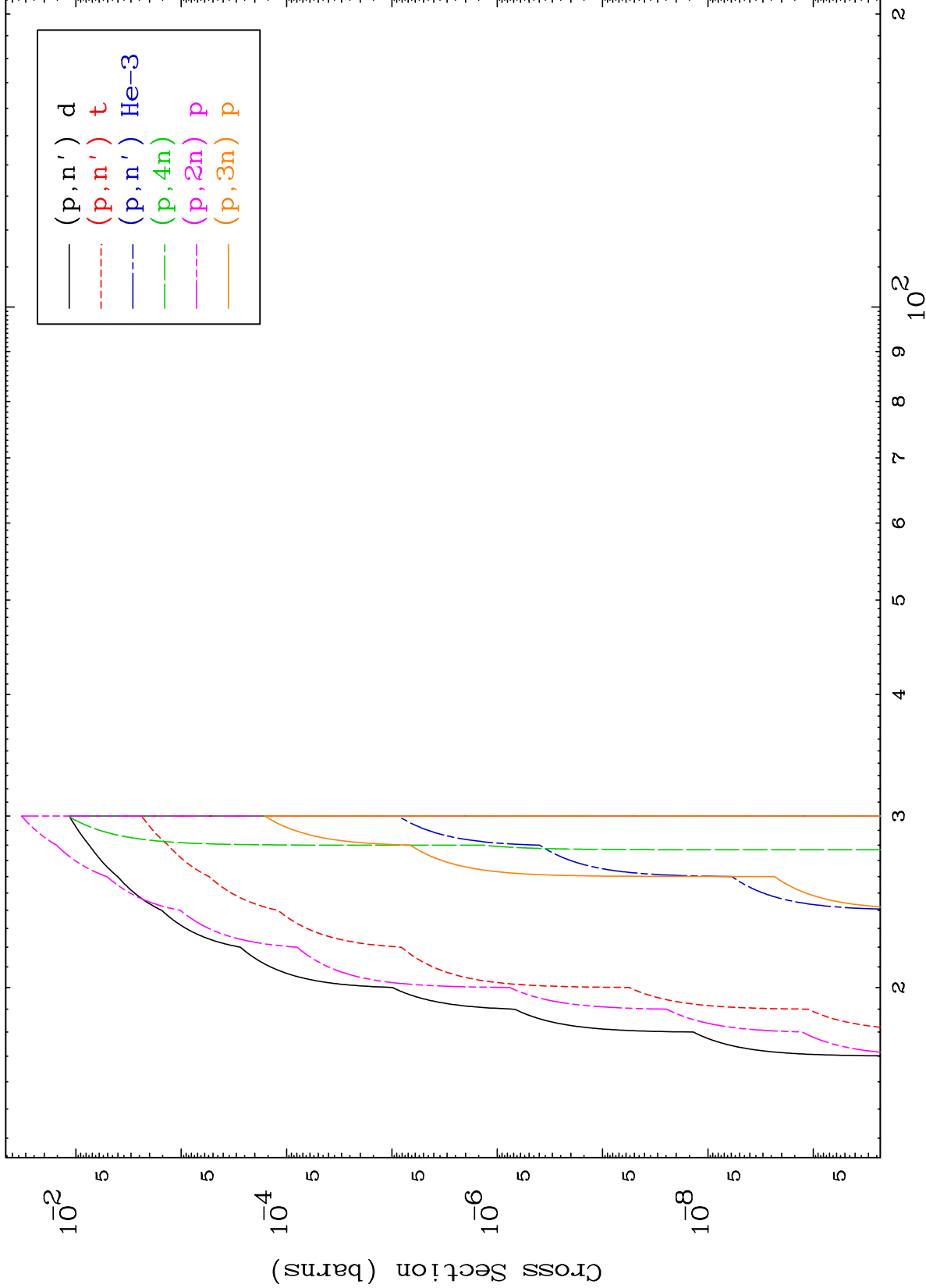
56-Ba-137



2

Incident Energy (MeV)

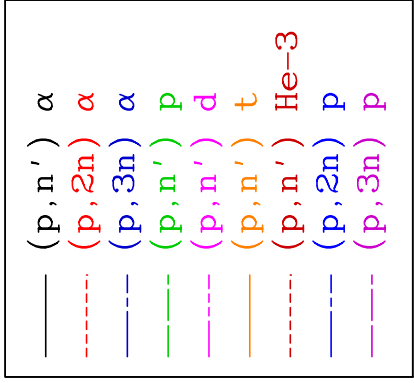
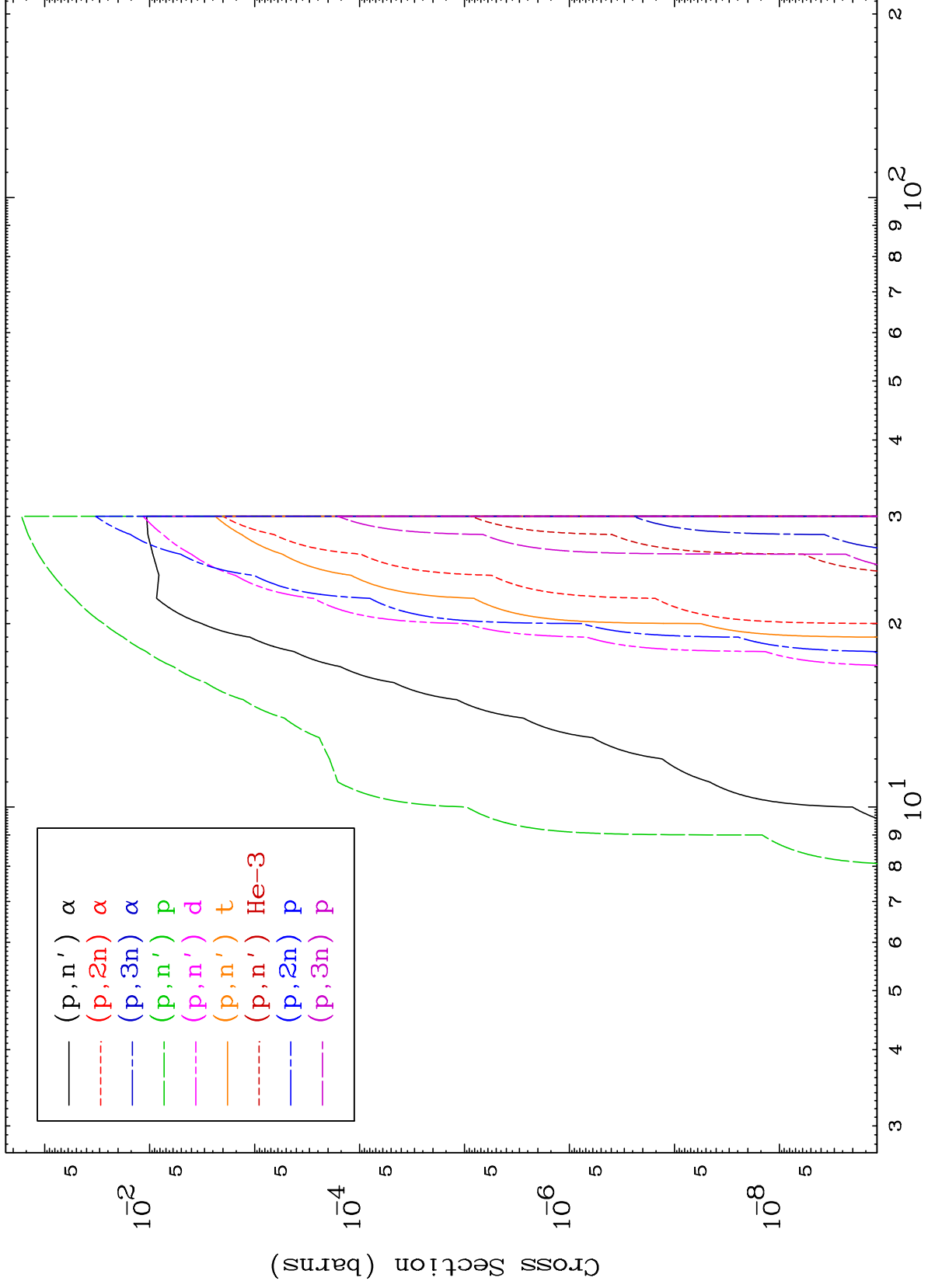
56-Ba-137



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Proton Charged Particle
0 Kelvin Cross Sections

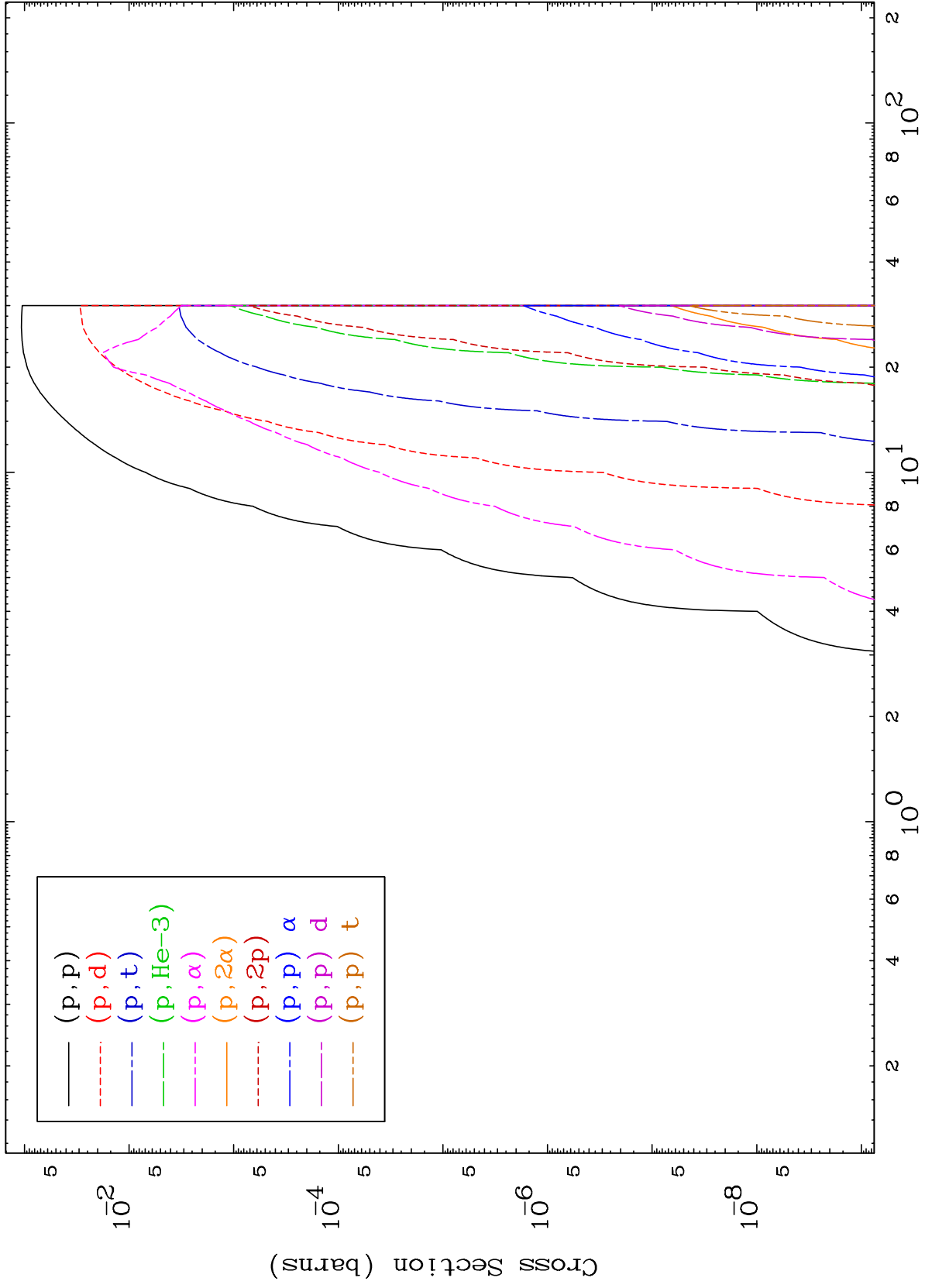
56-Ba-137



56-Ba-137

Incident Energy (MeV)

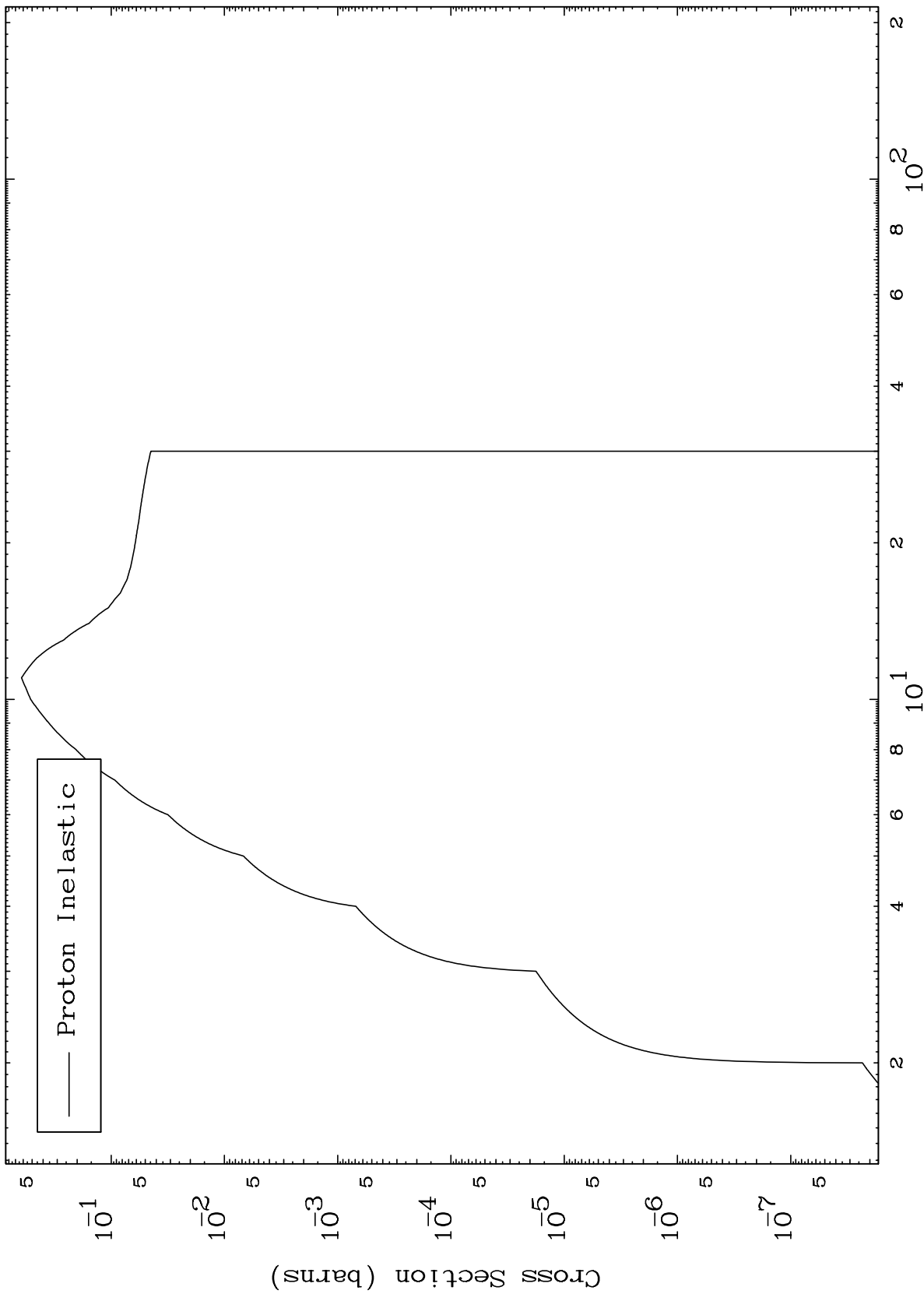
4



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56-Ba-137

(p,n') Level
0 Kelvin Cross Sections



56-Ba-137

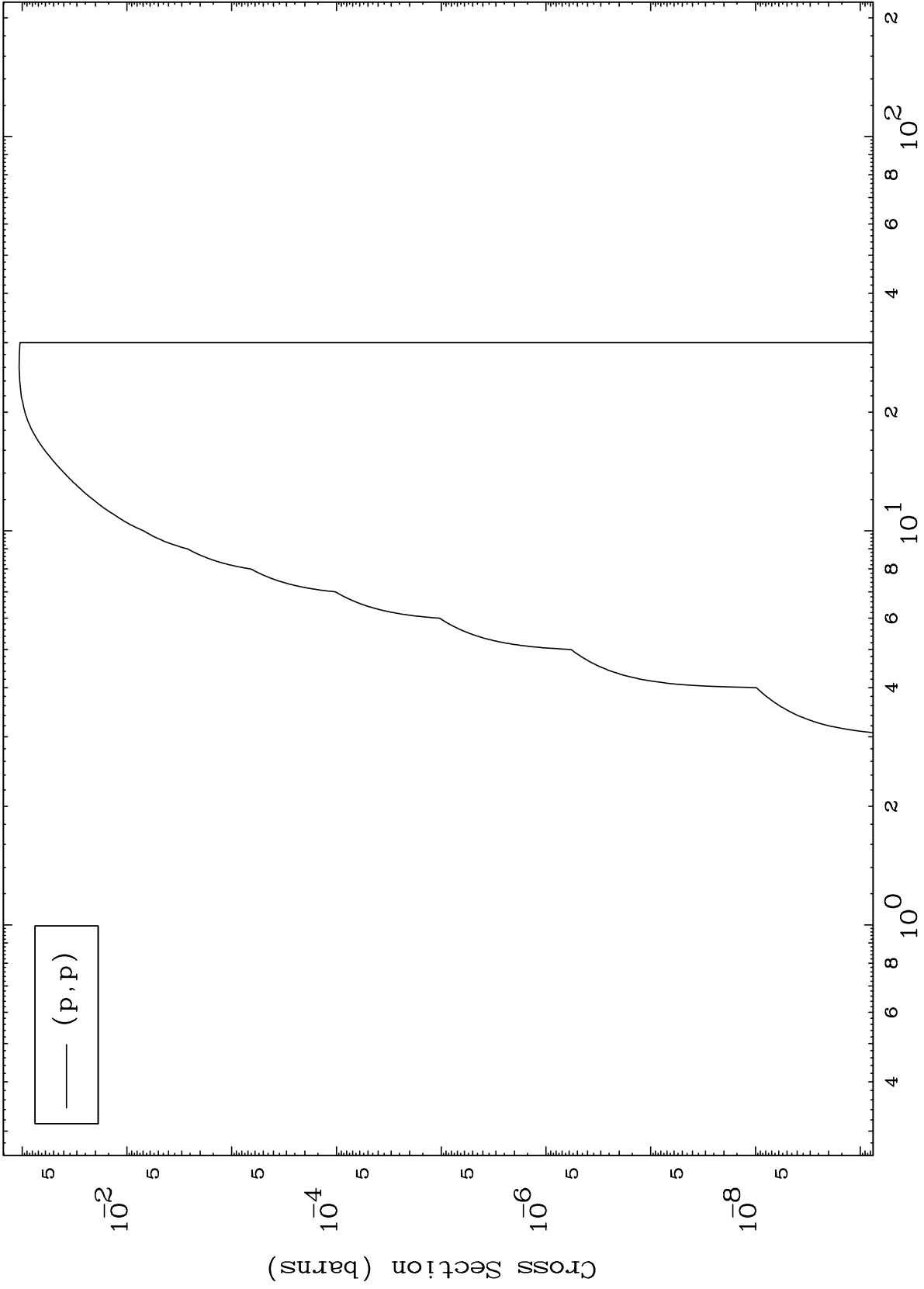
Incident Energy (MeV)

6

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(p,p) Levels
0 Kelvin Cross Sections

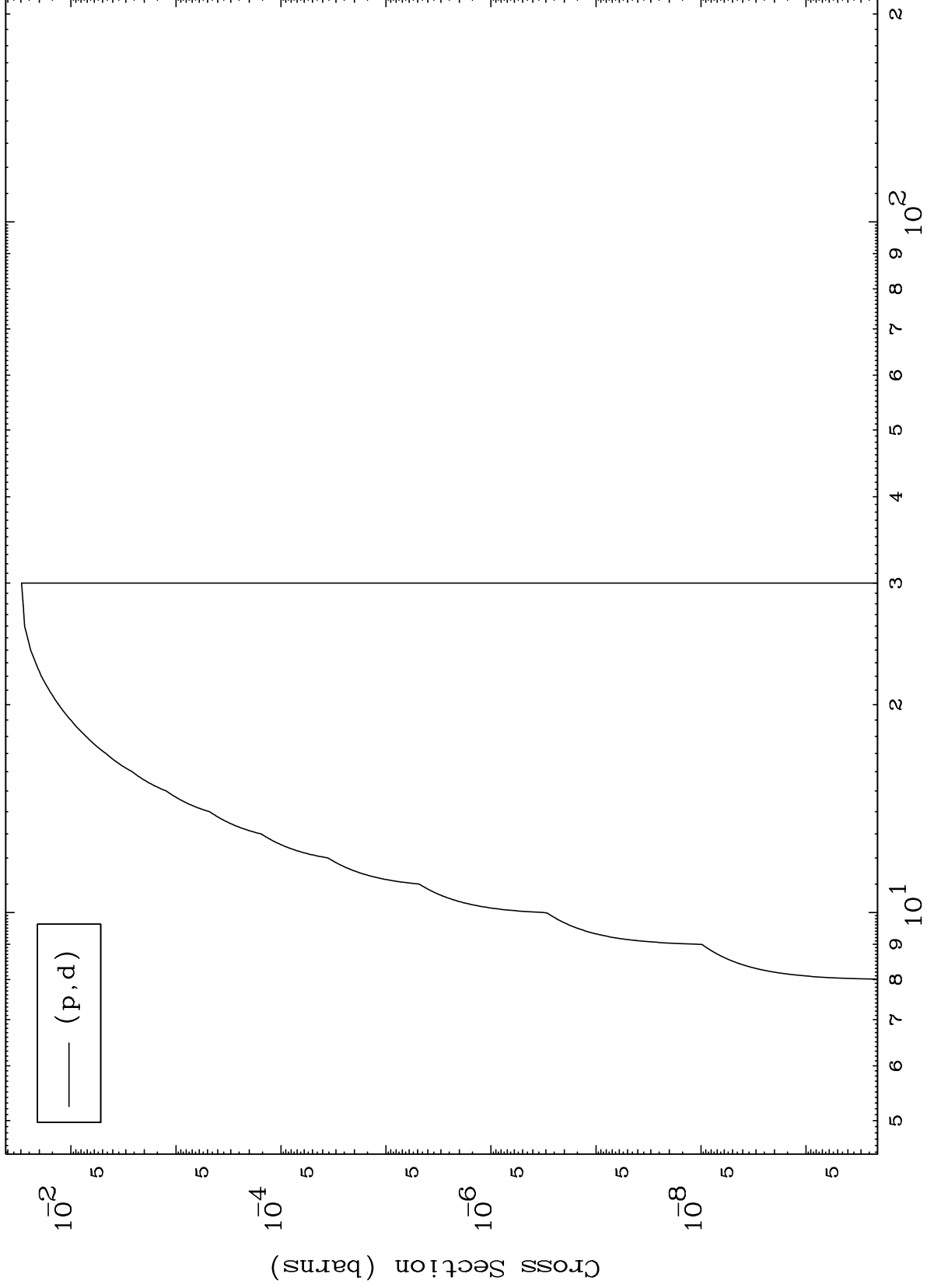
56-Ba-137



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(p,d) Levels
0 Kelvin Cross Sections

56-Ba-137



8

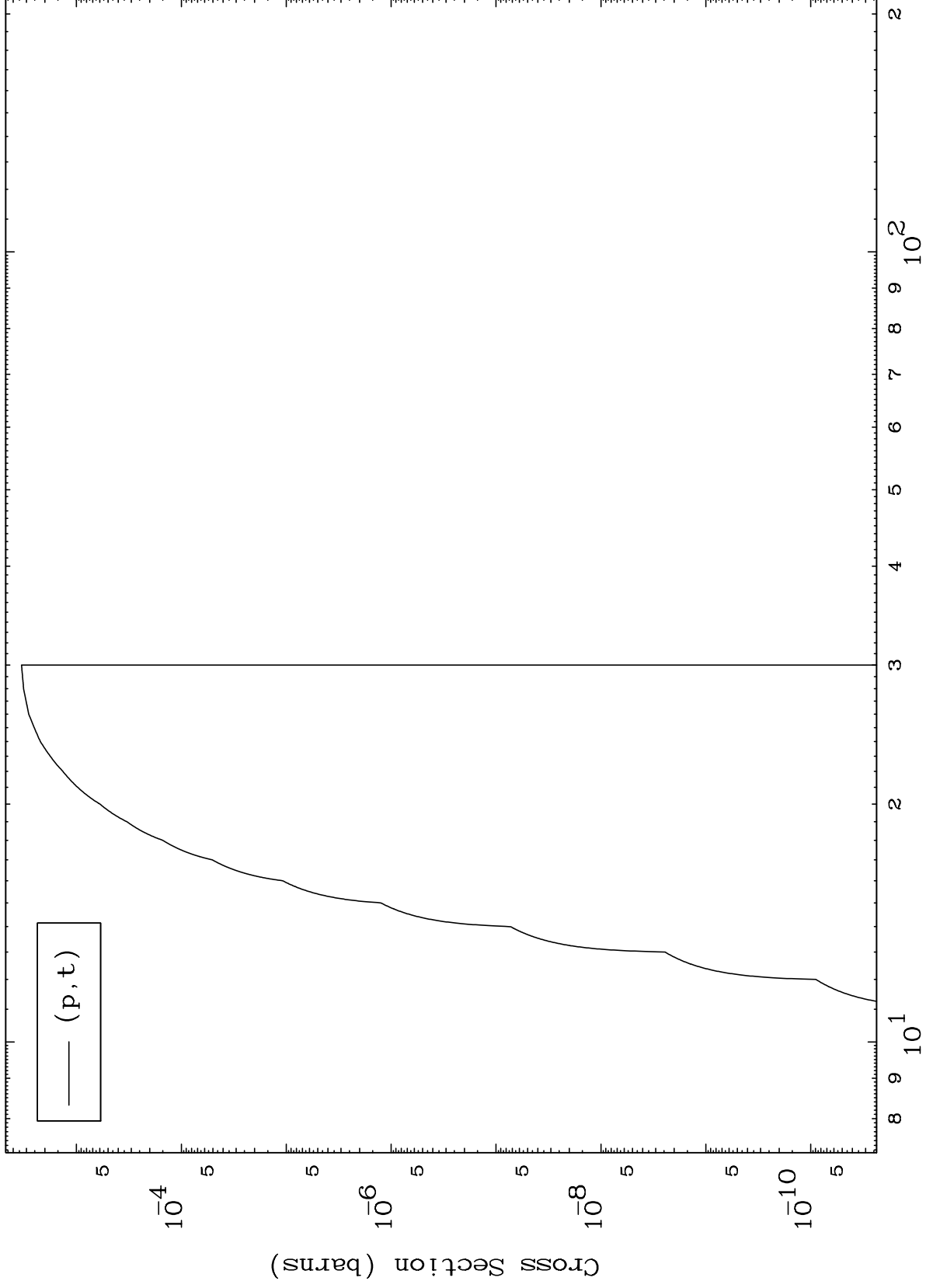
Incident Energy (MeV)

56-Ba-137

MAT 5646

(p, t) Levels
0 Kelvin Cross Sections

56-Ba-137



9

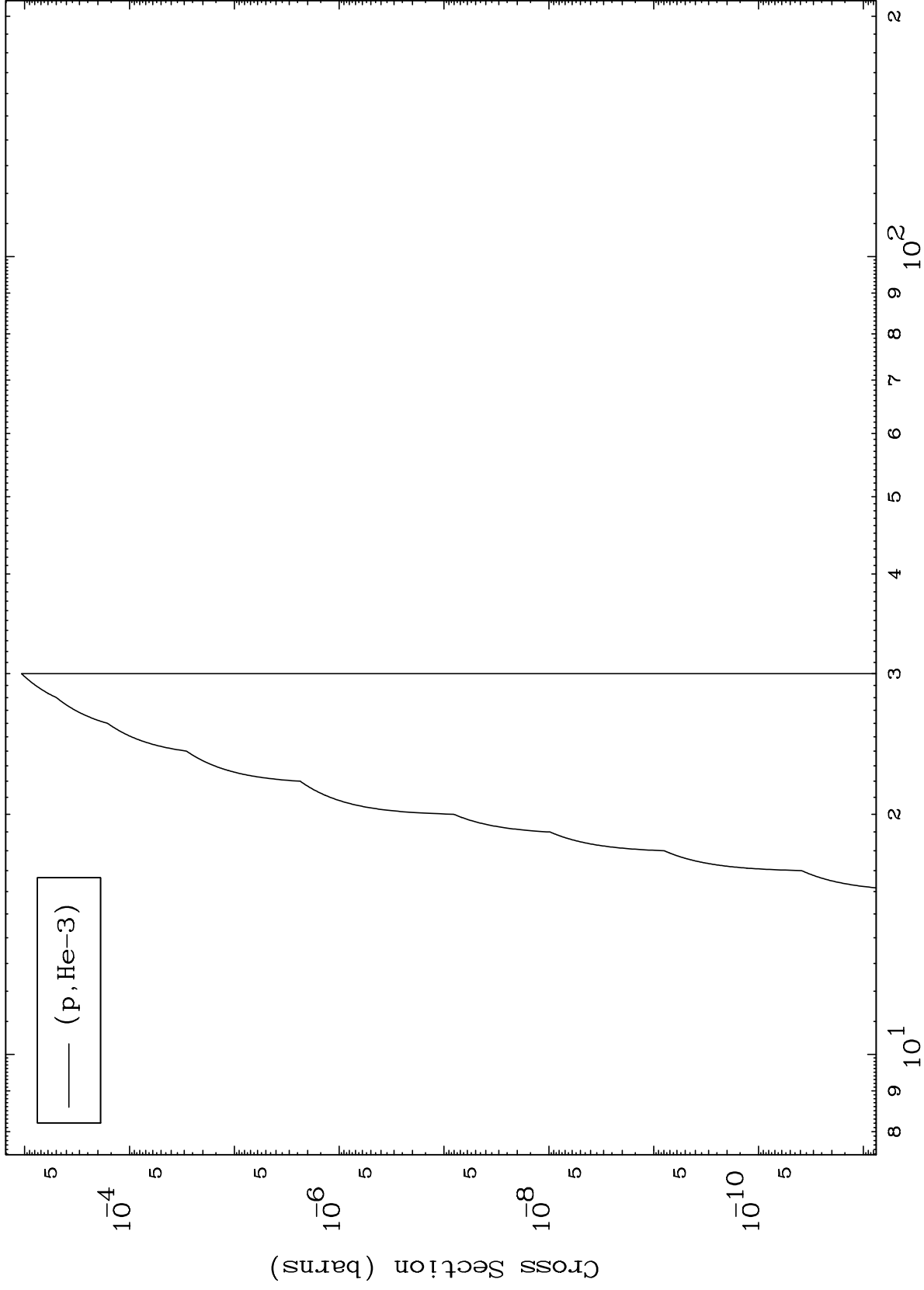
Incident Energy (MeV)

56-Ba-137

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(p,He3) Levels
0 Kelvin Cross Sections

56-Ba-137



10

Incident Energy (MeV)

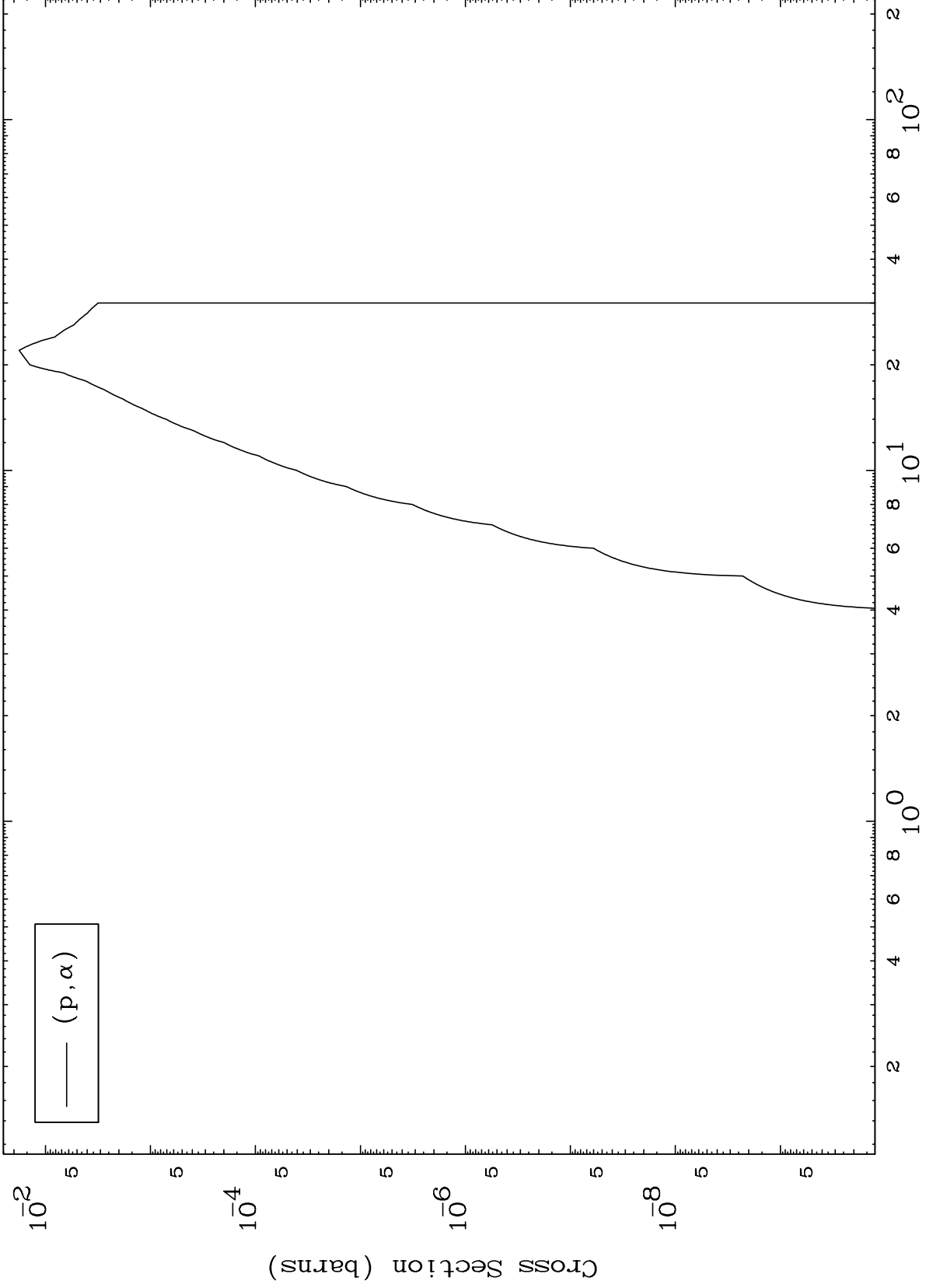
56-Ba-137

MAT 5646

(p, α) Levels

56-Ba-137

0 Kelvin Cross Sections

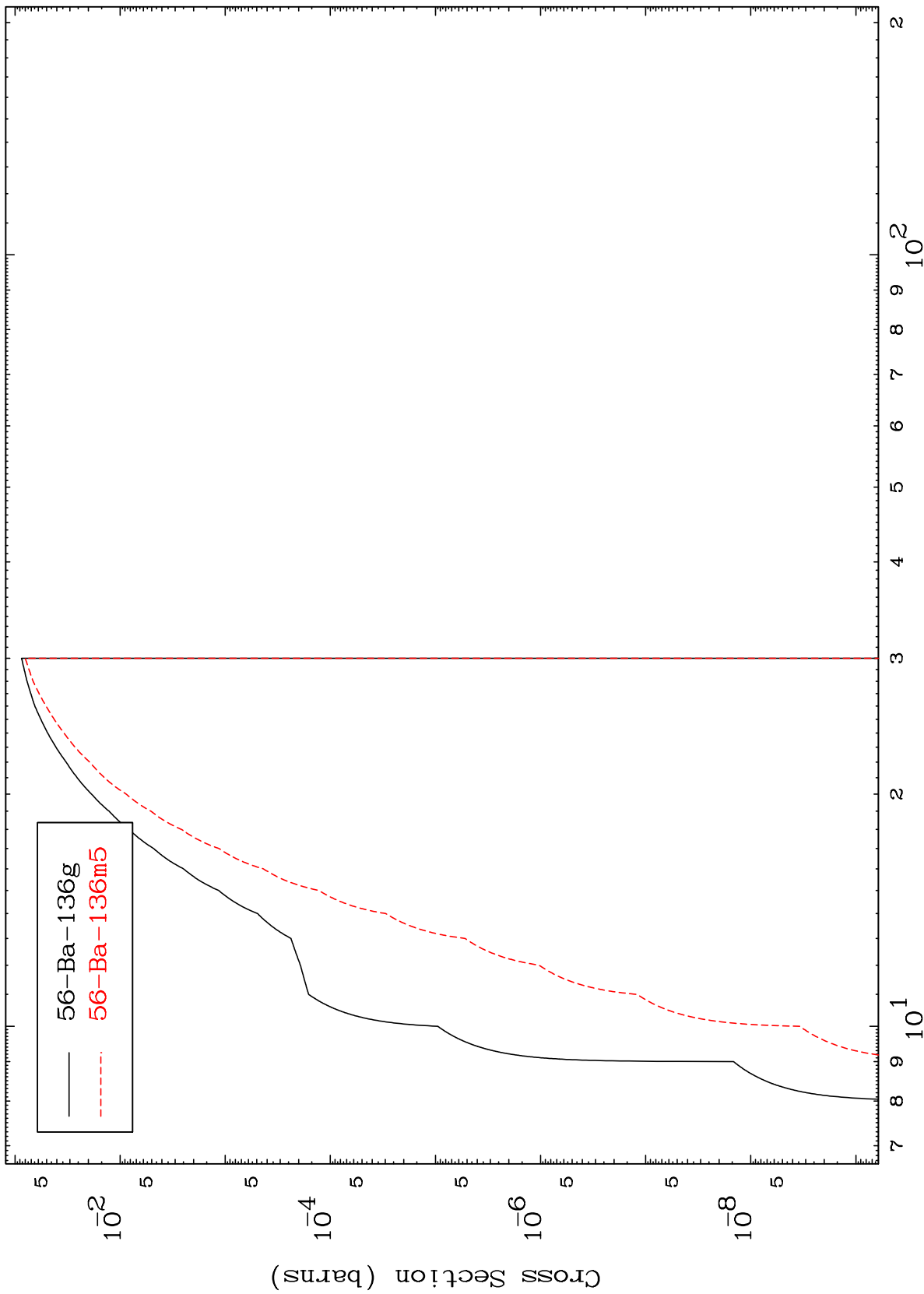


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(p,n') p

56-Ba-137

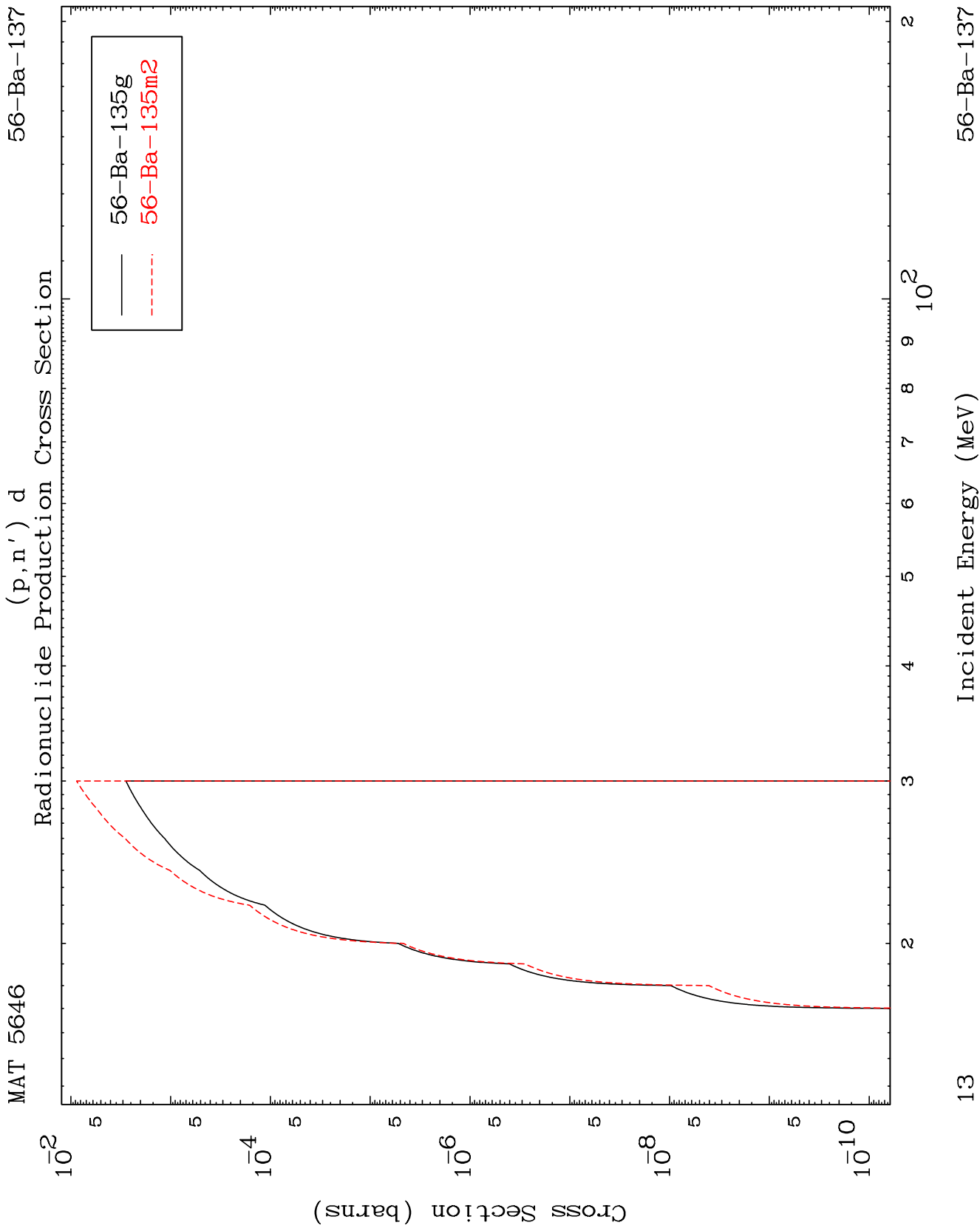
Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-137

12

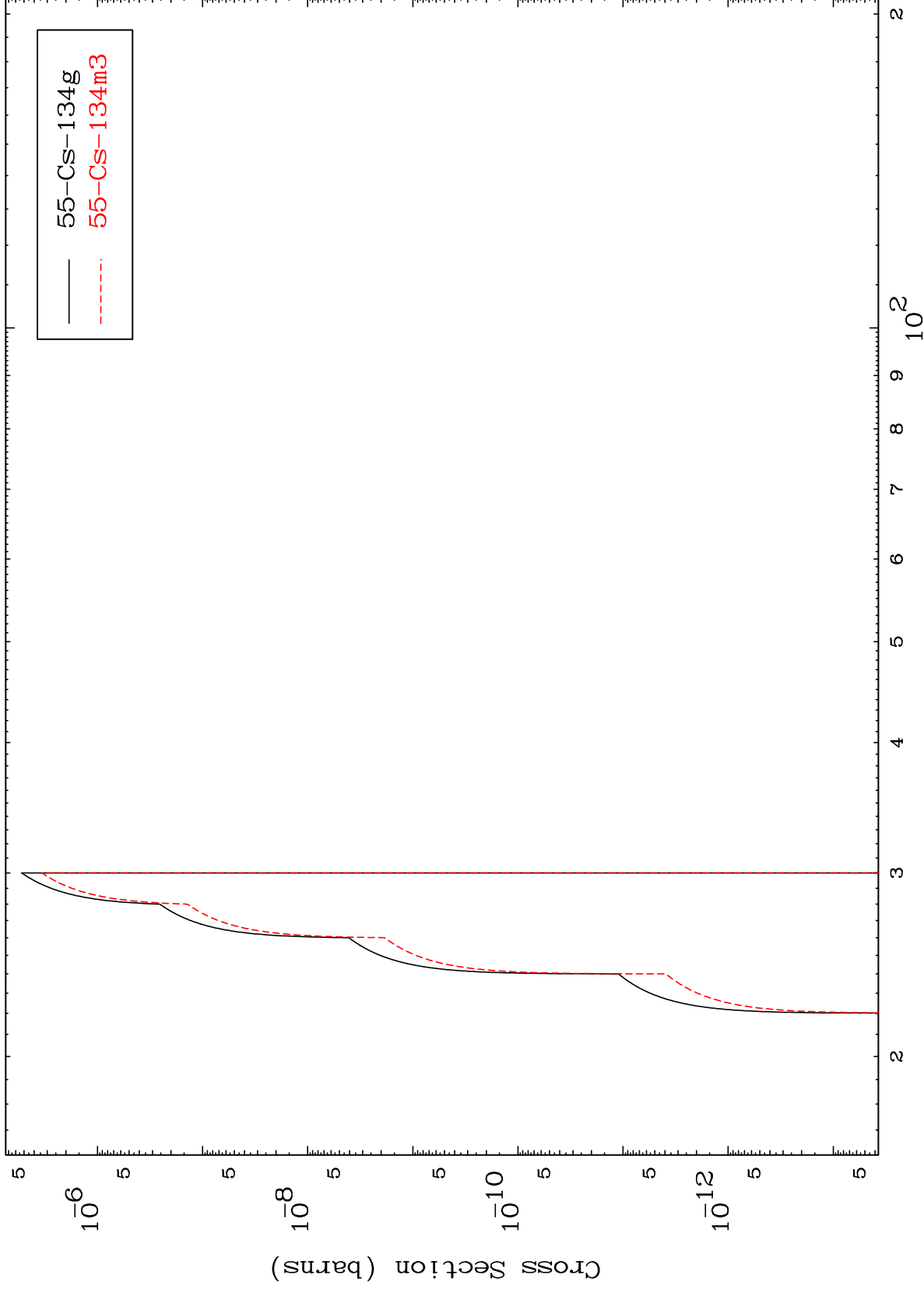


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(p,n') He-3

56-Ba-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

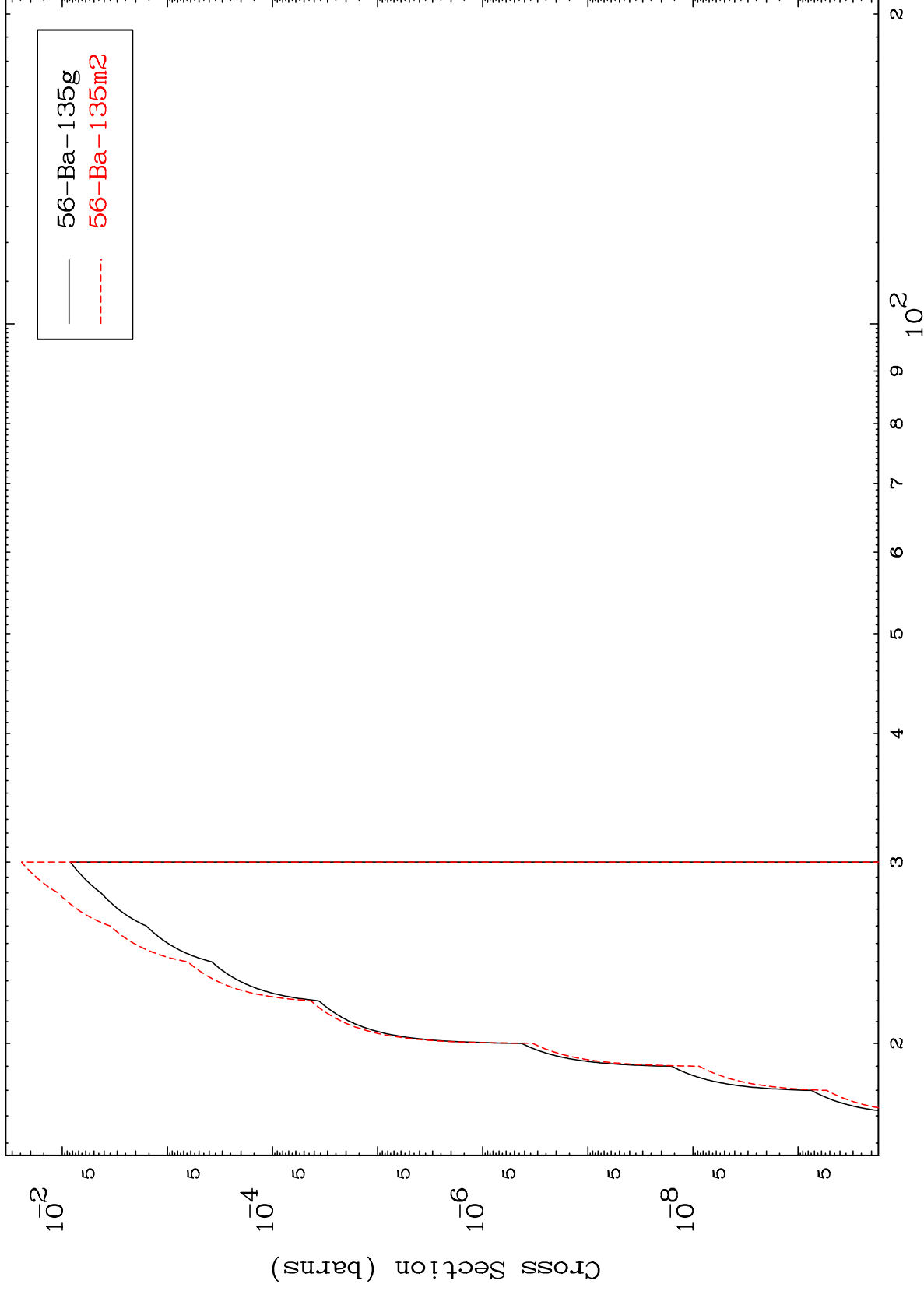
56-Ba-137

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(p,2n) p

56-Ba-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

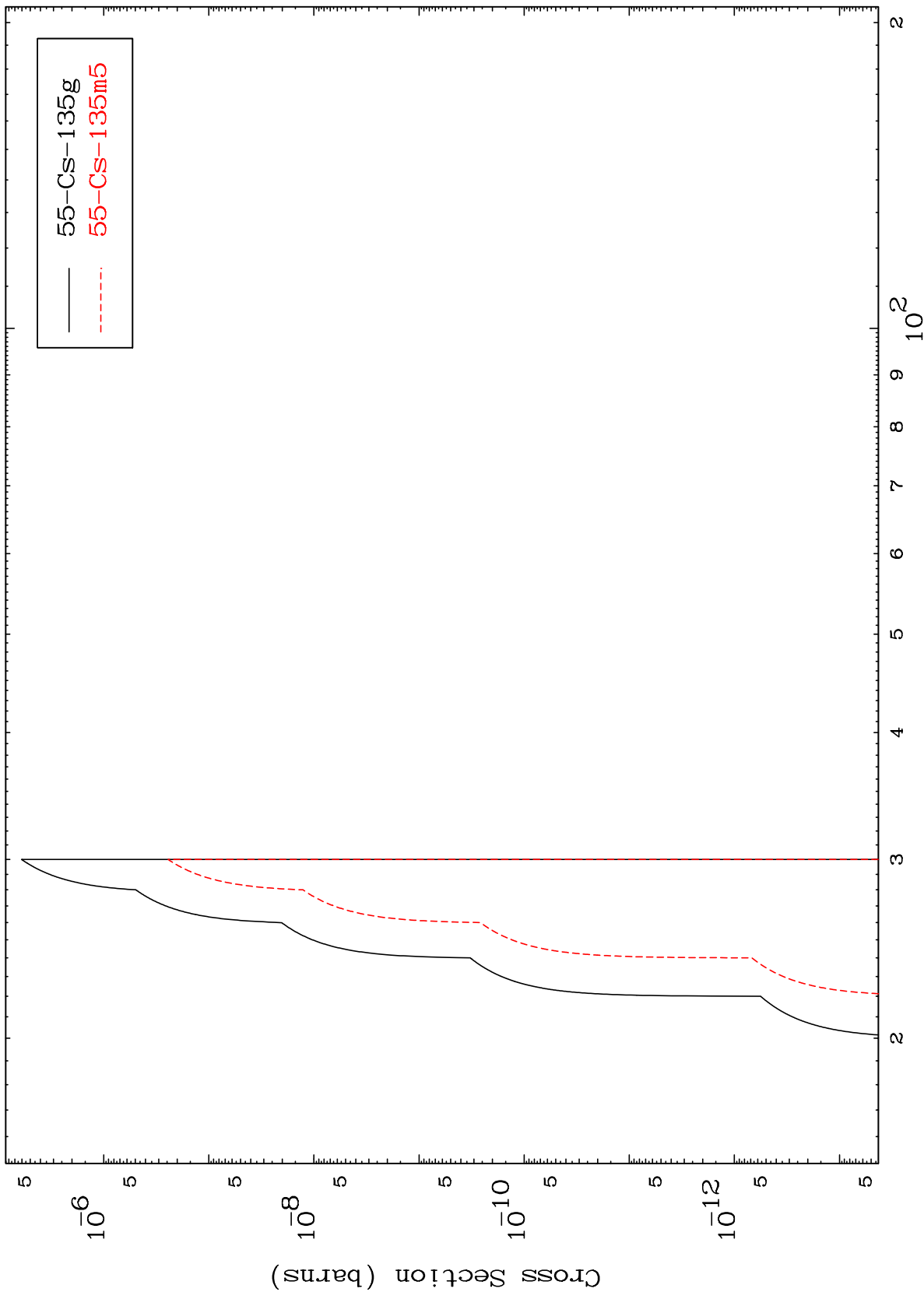
56-Ba-137

MAT 5646

(p,2n) p

56-Ba-137

Radionuclide Production Cross Section



16

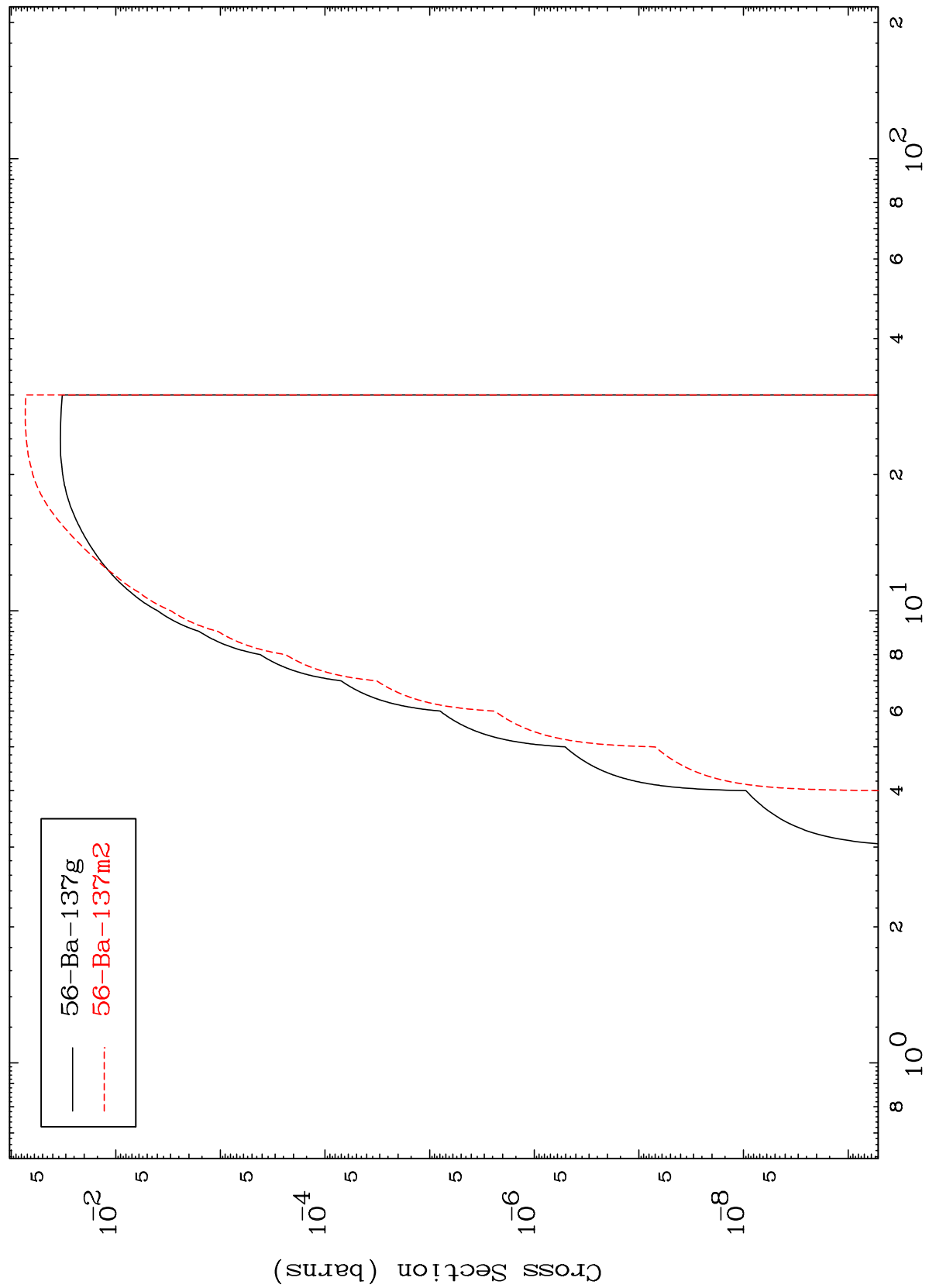
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(p,p)
Radionuclide Production Cross Section



17

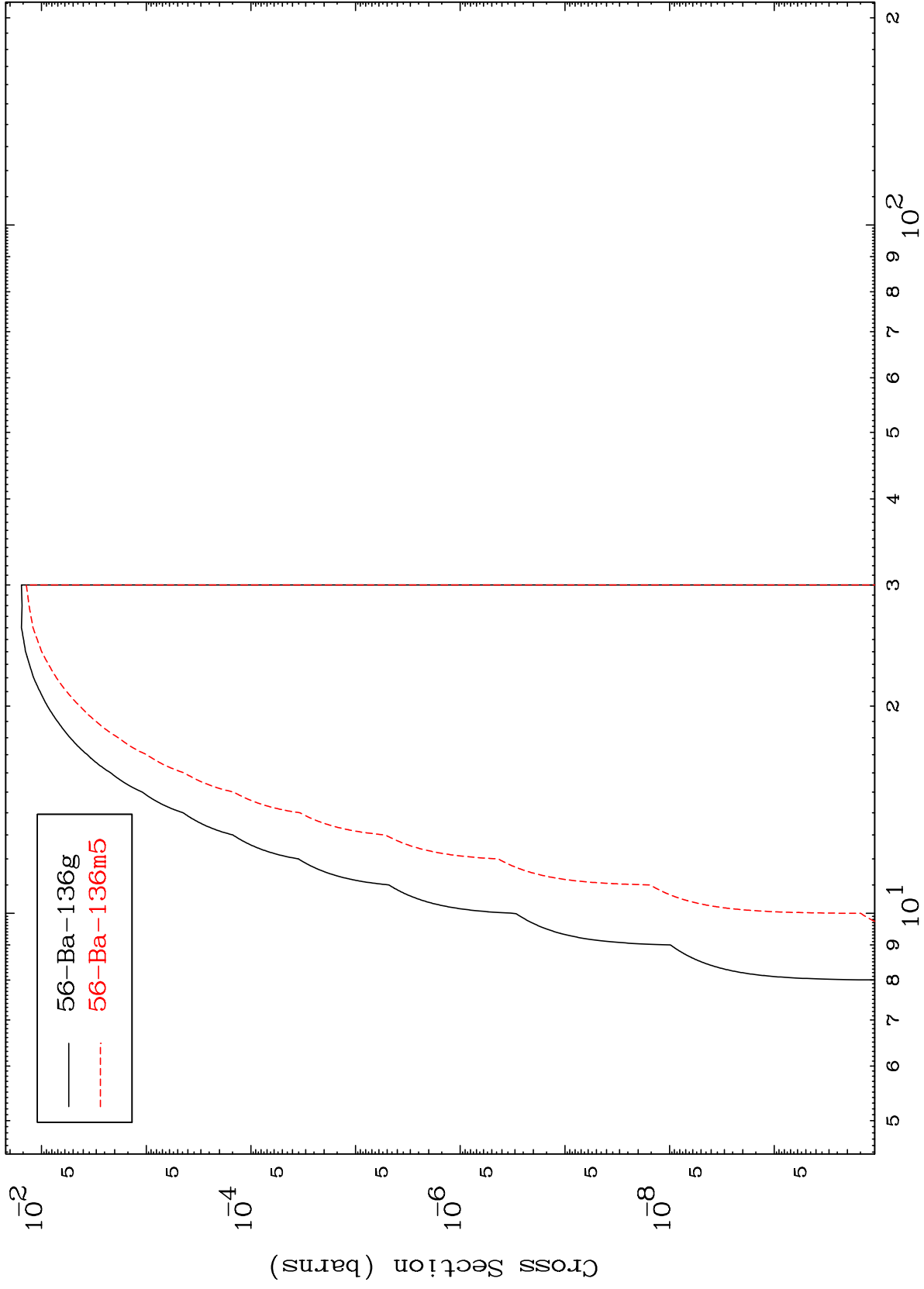
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(p,d)
Radionuclide Production Cross Section



56-Ba-137

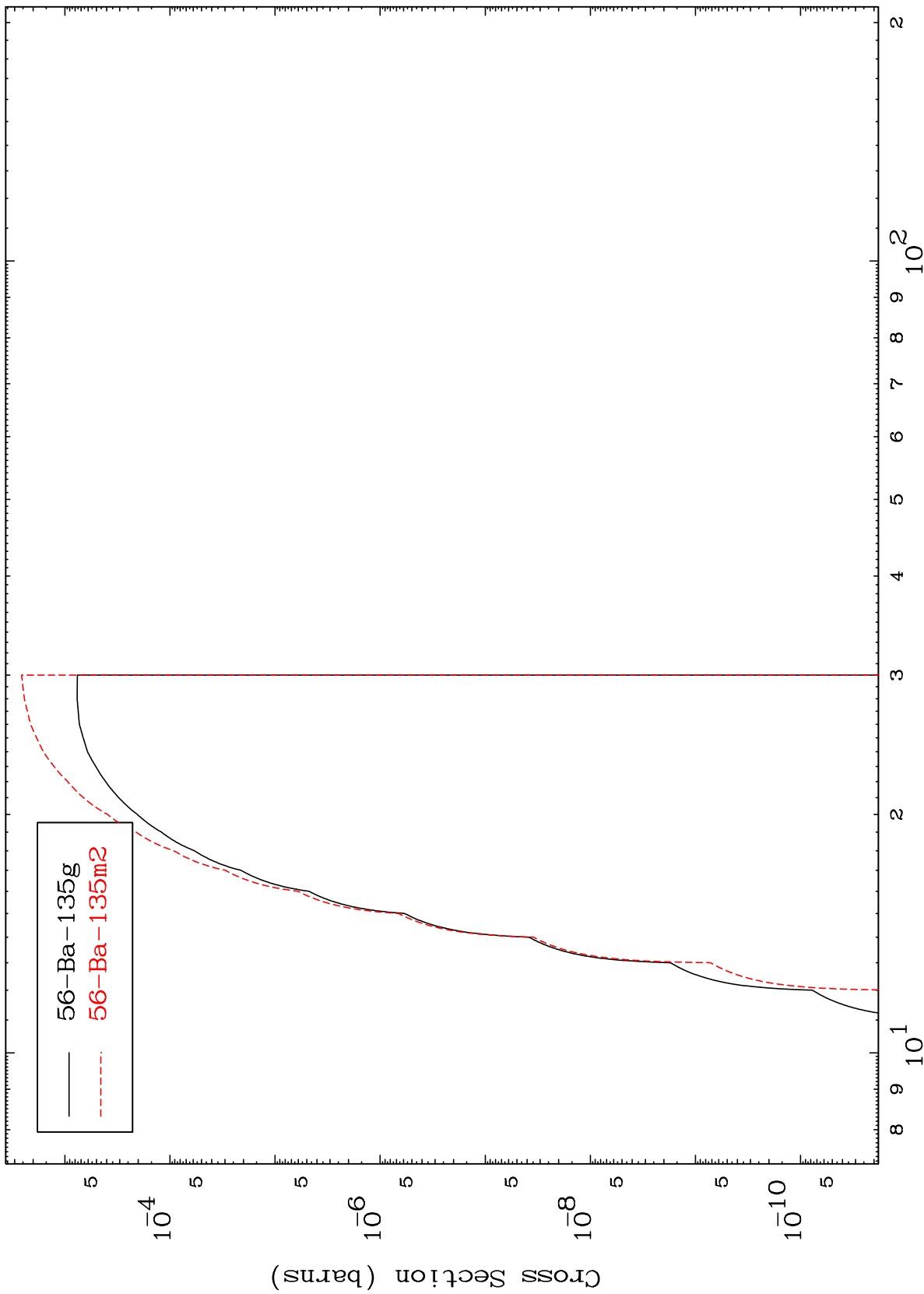
Incident Energy (MeV)

18

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56-Ba-137

(p, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

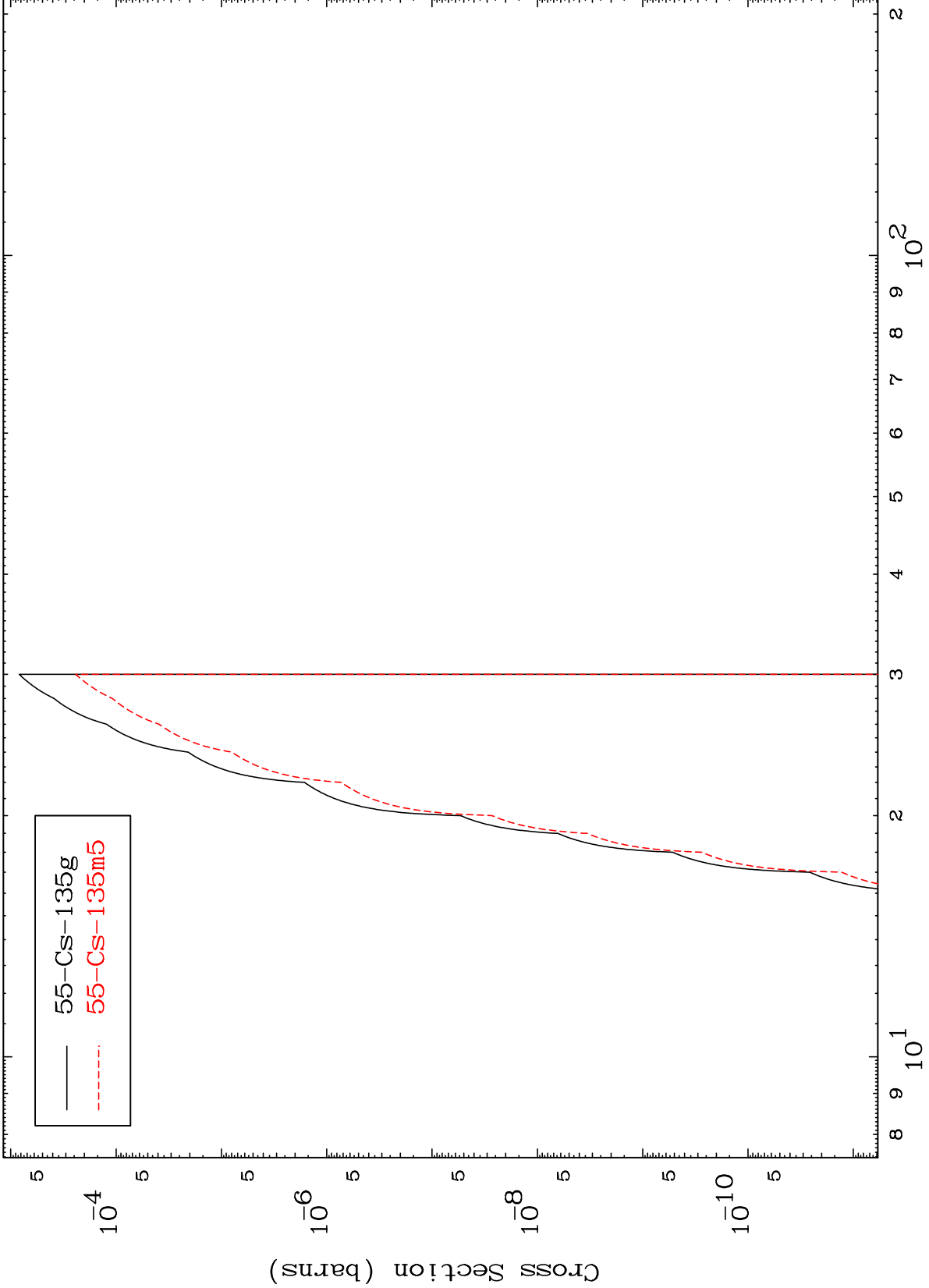
56-Ba-137

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(p,He-3)

56-Ba-137

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m5

20

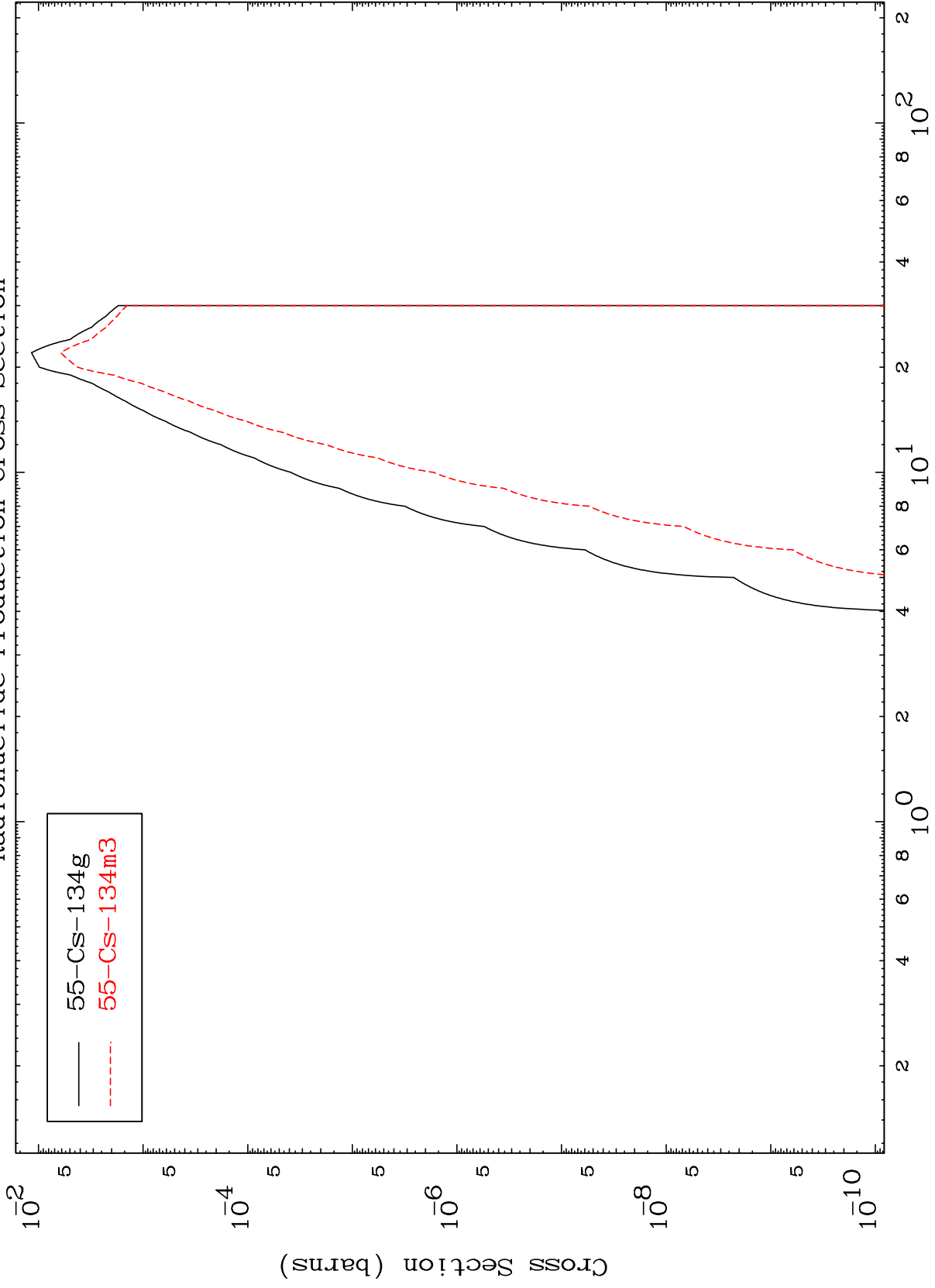
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section
(p, α)



55-Cs-134g
55-Cs-134m3

56-Ba-137

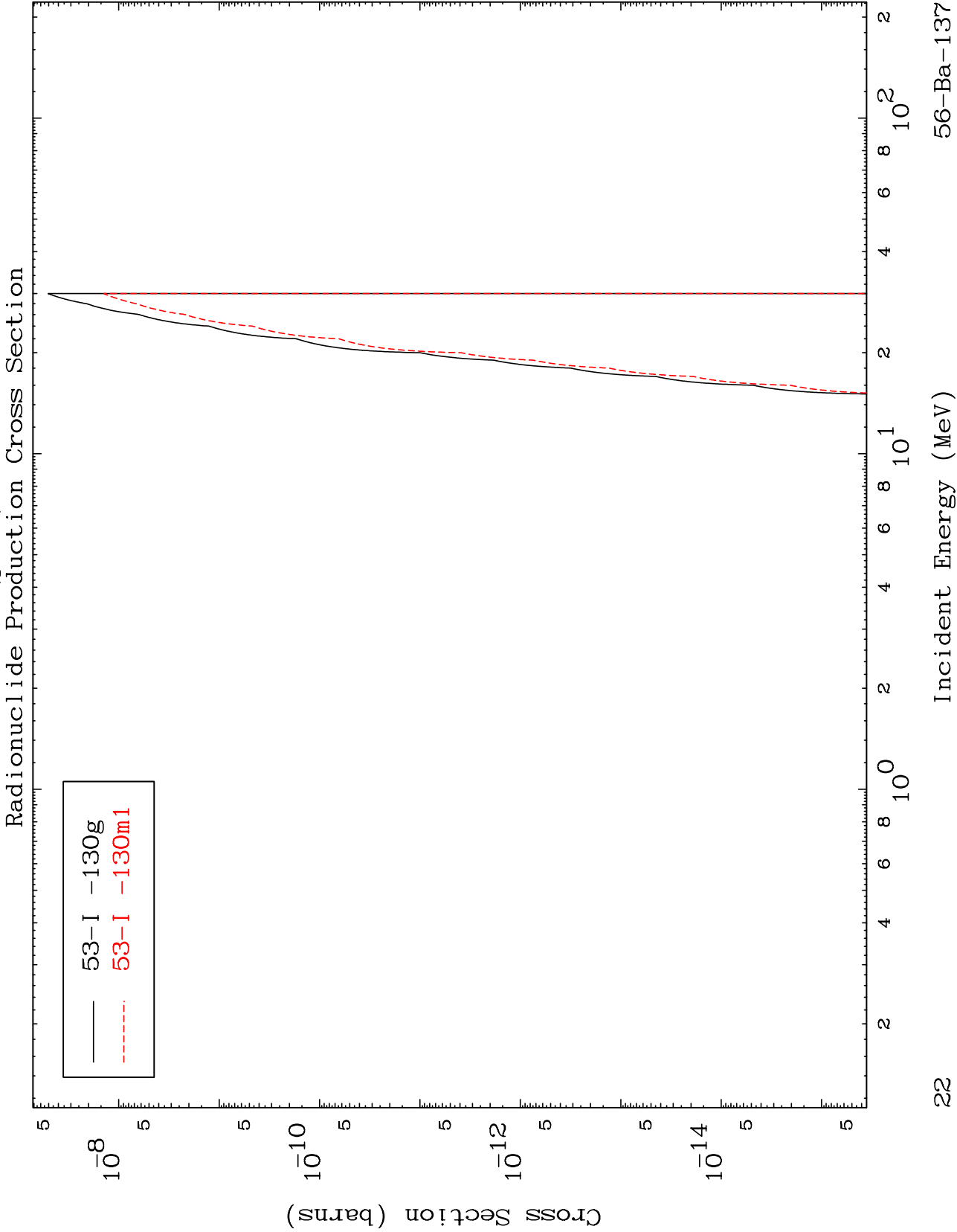
Incident Energy (MeV)

21

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(p,2 α)

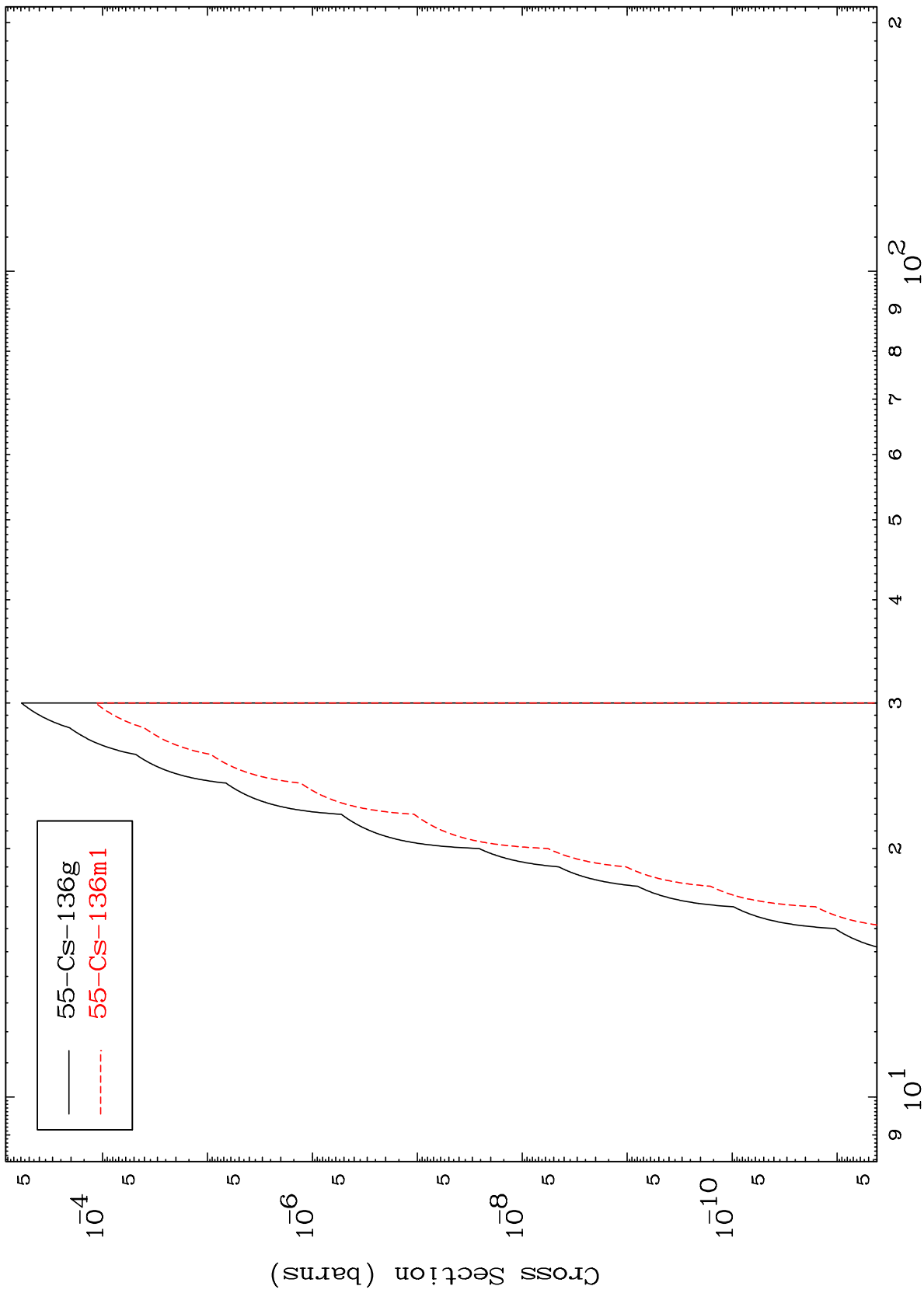
56-Ba-137



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56-Ba-137

(p,2p)
Radionuclide Production Cross Section



56-Ba-137

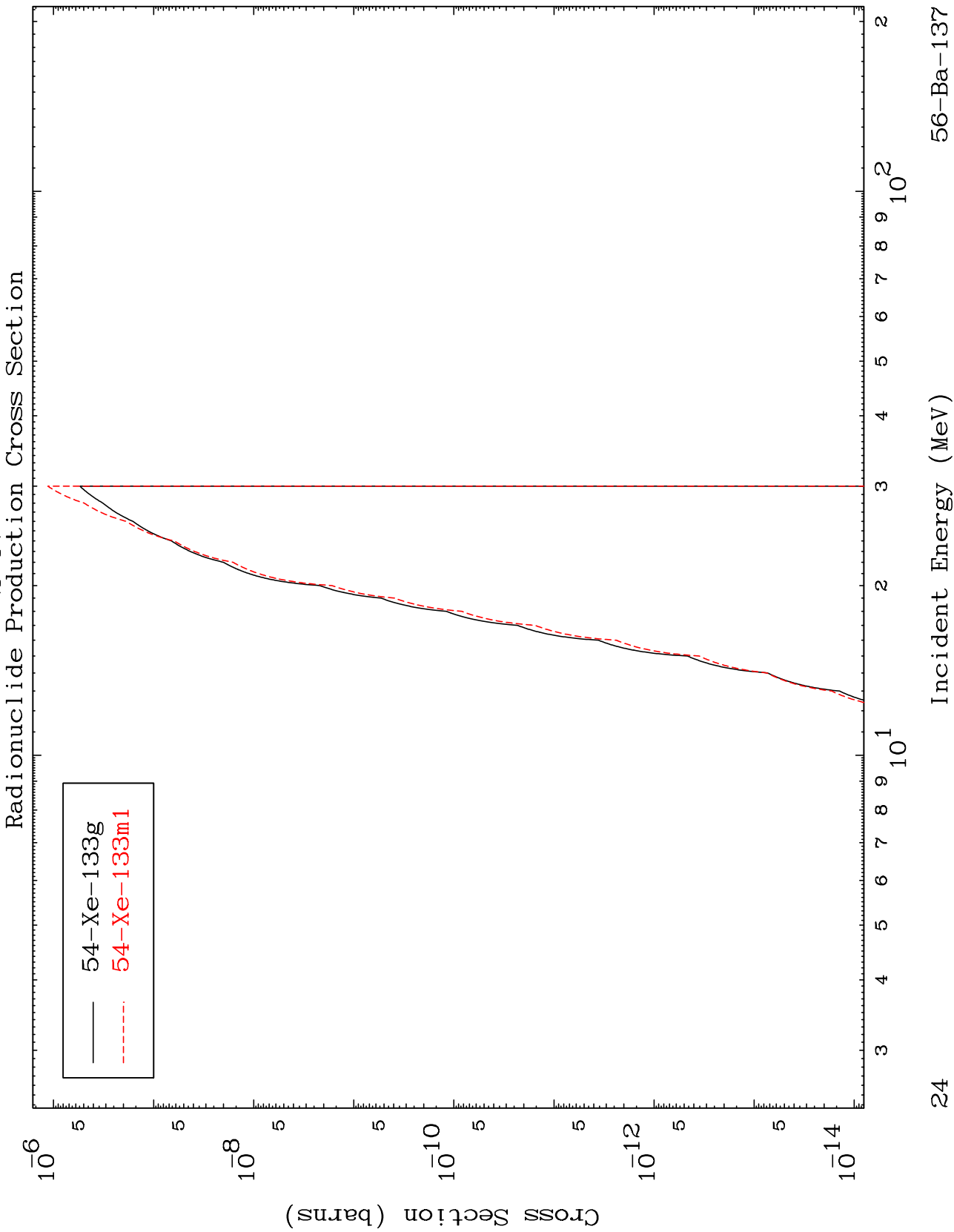
Incident Energy (MeV)

23

MAT 5646

(p,p) α

56-Ba-137

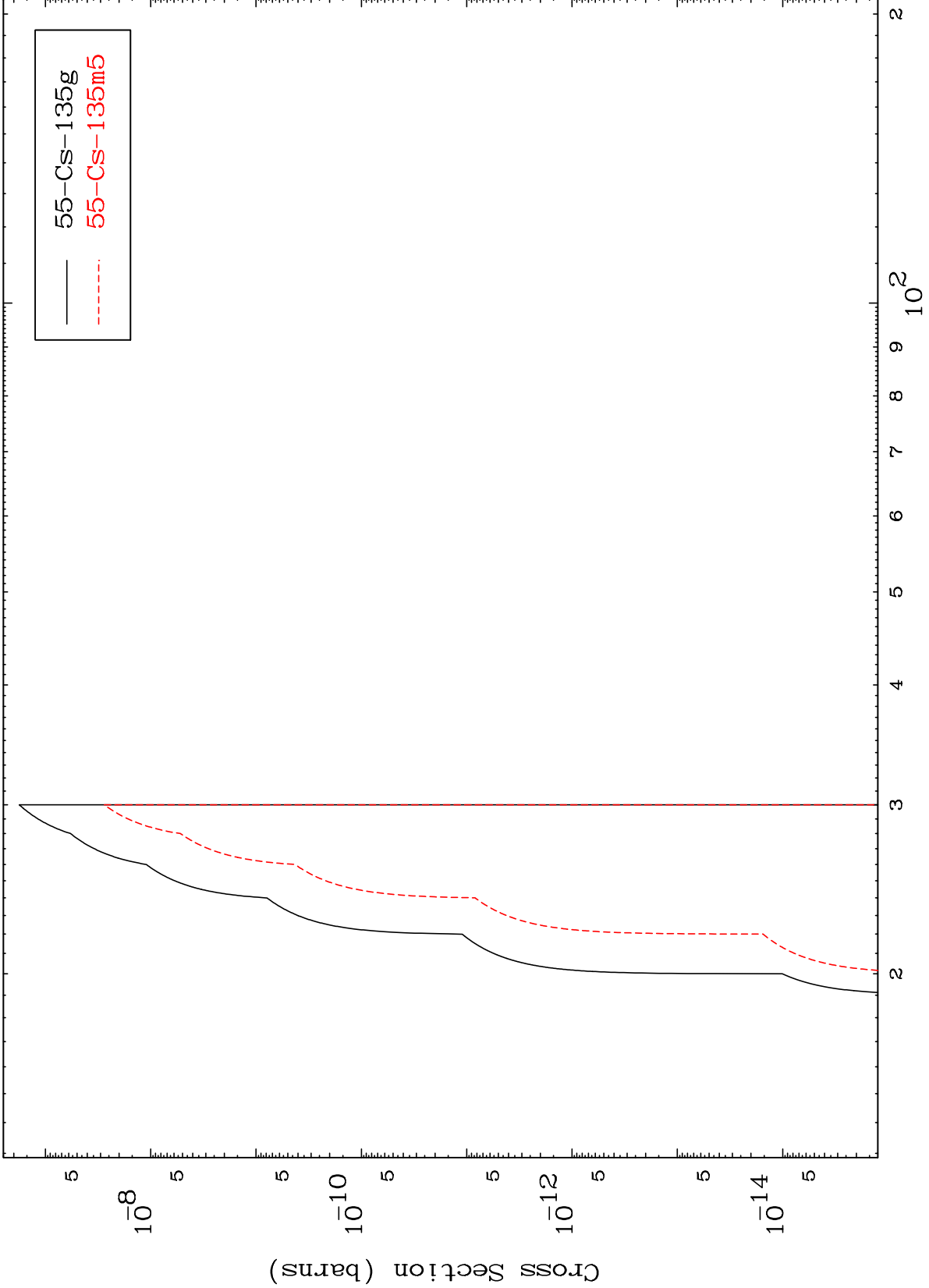


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(p,p) d

56-Ba-137

Radionuclide Production Cross Section



25

Incident Energy (MeV)

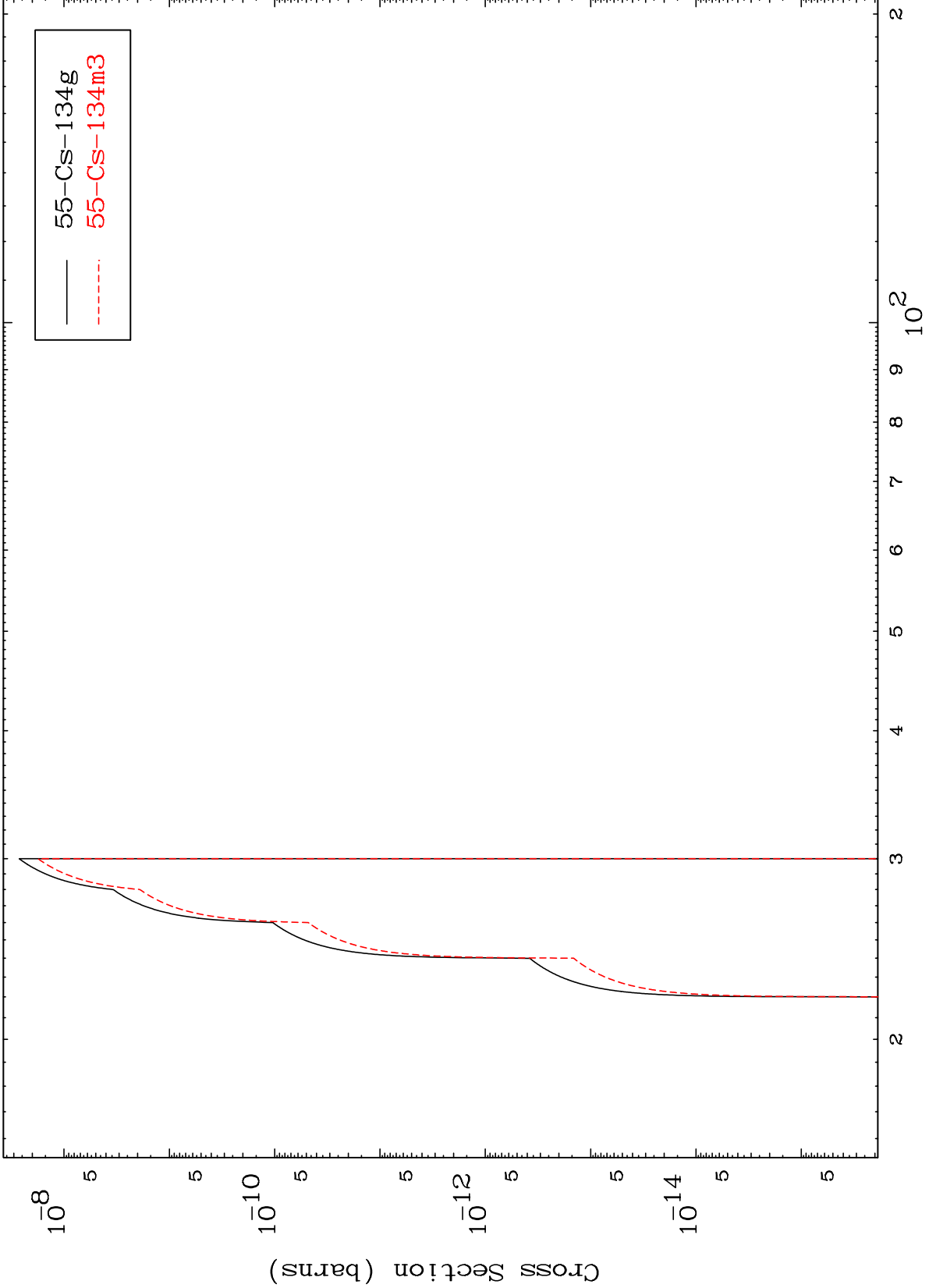
56-Ba-137

MAT 5646

(p,p) t

56-Ba-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

56-Ba-137