

Program EVALPLOT
(Version 2018-1)

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

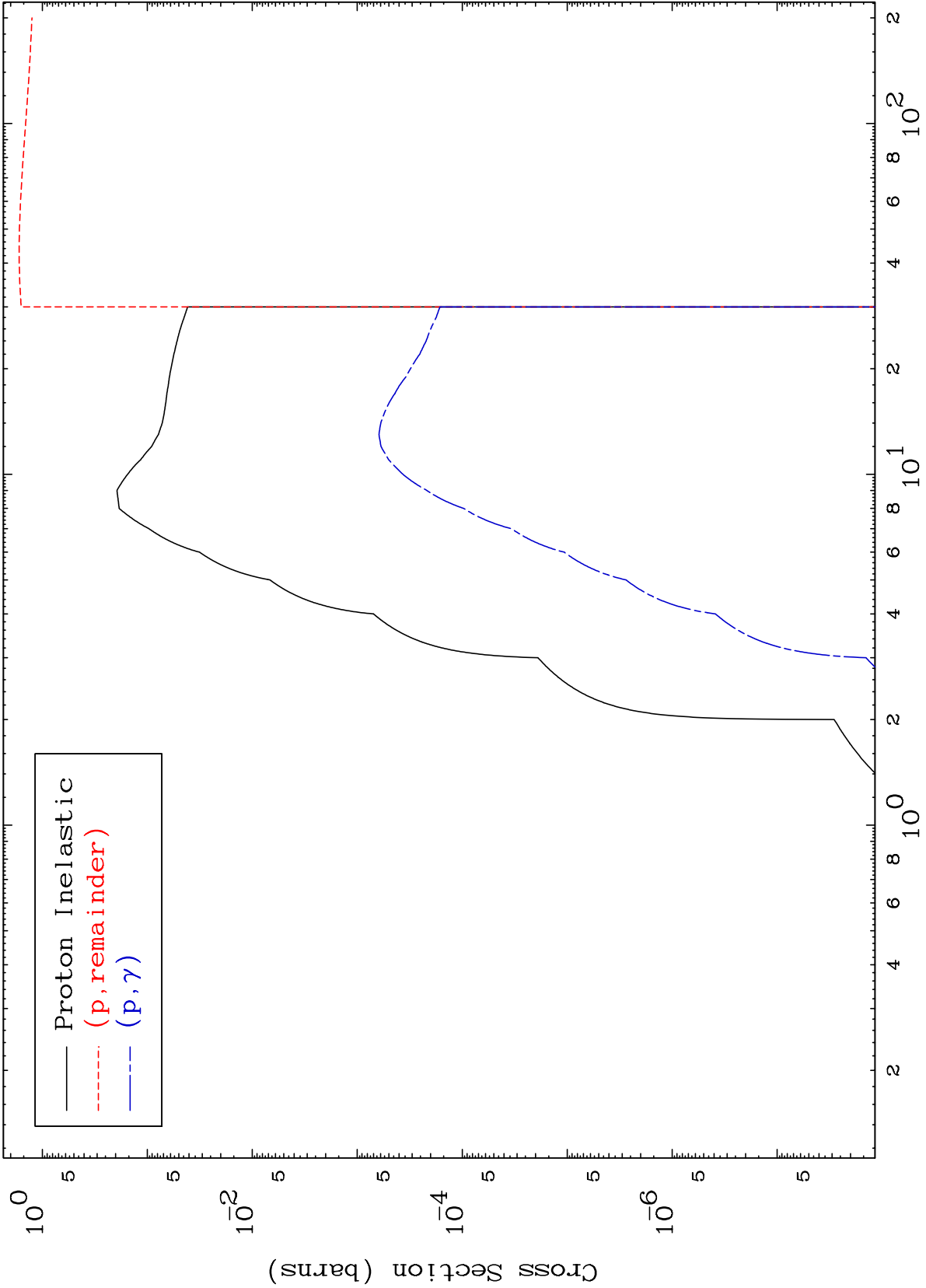
Press Mouse Button to Start

MAT 5652

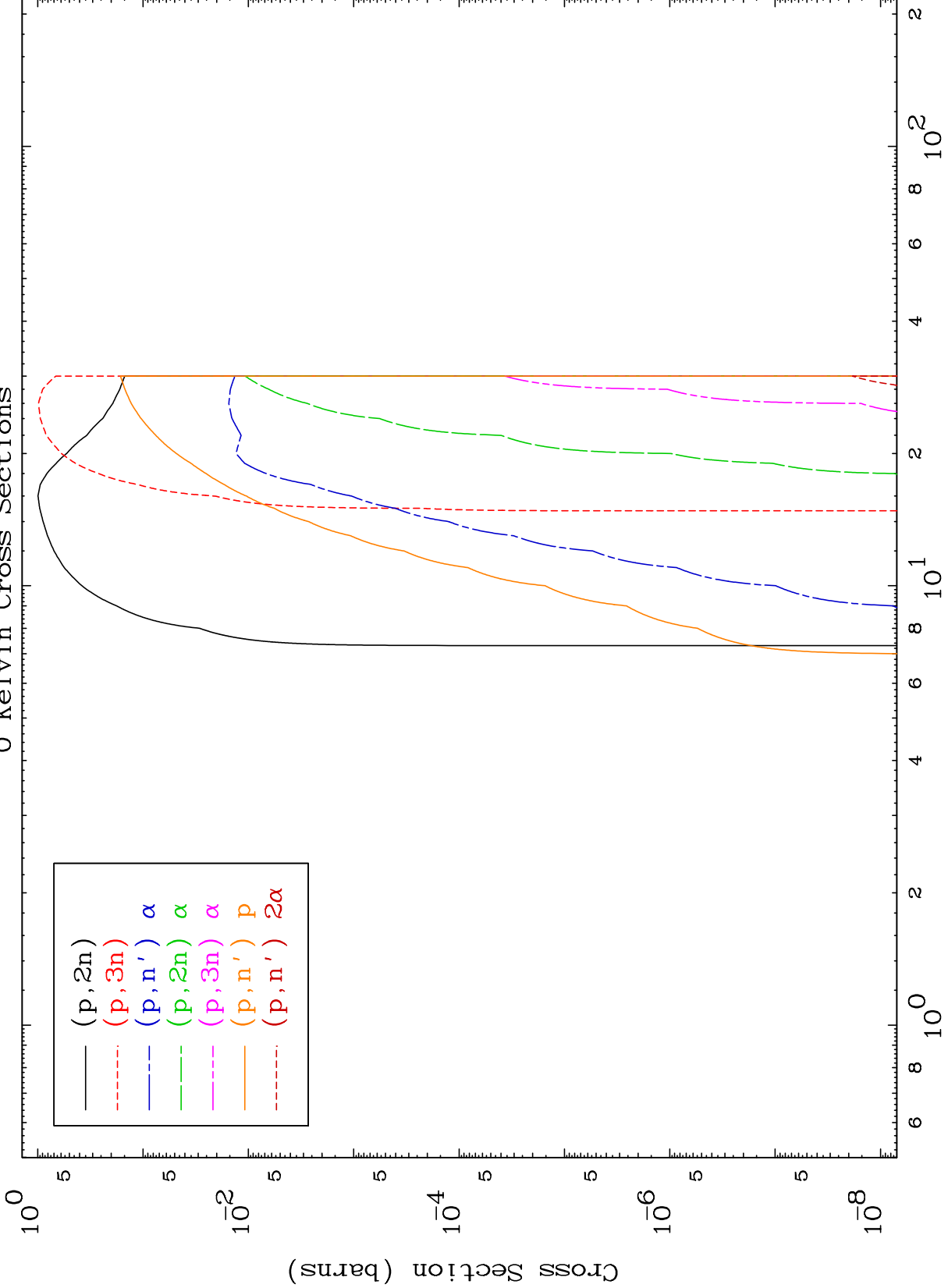
Proton Major

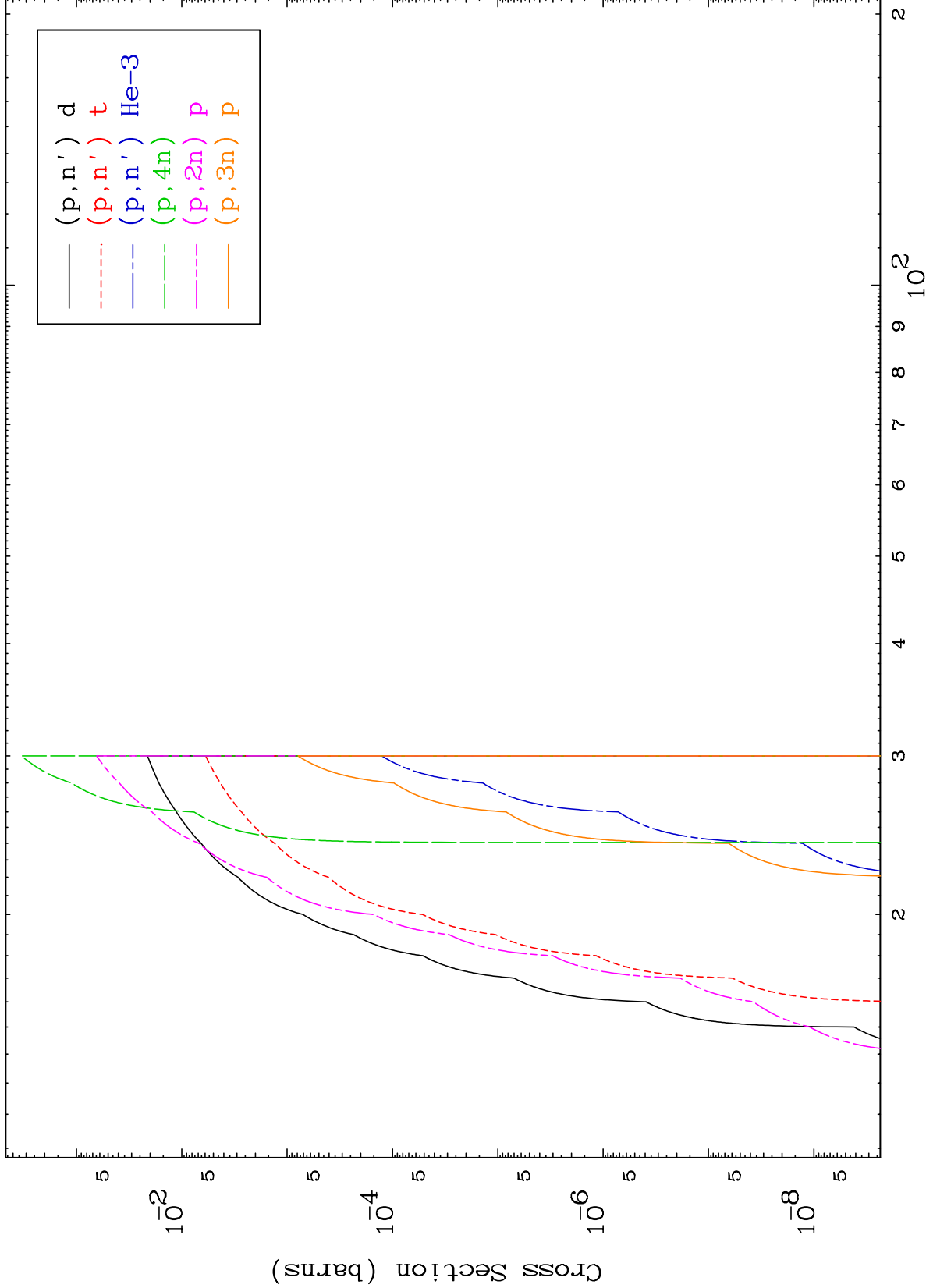
56-Ba-139

0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- · - (p, γ)

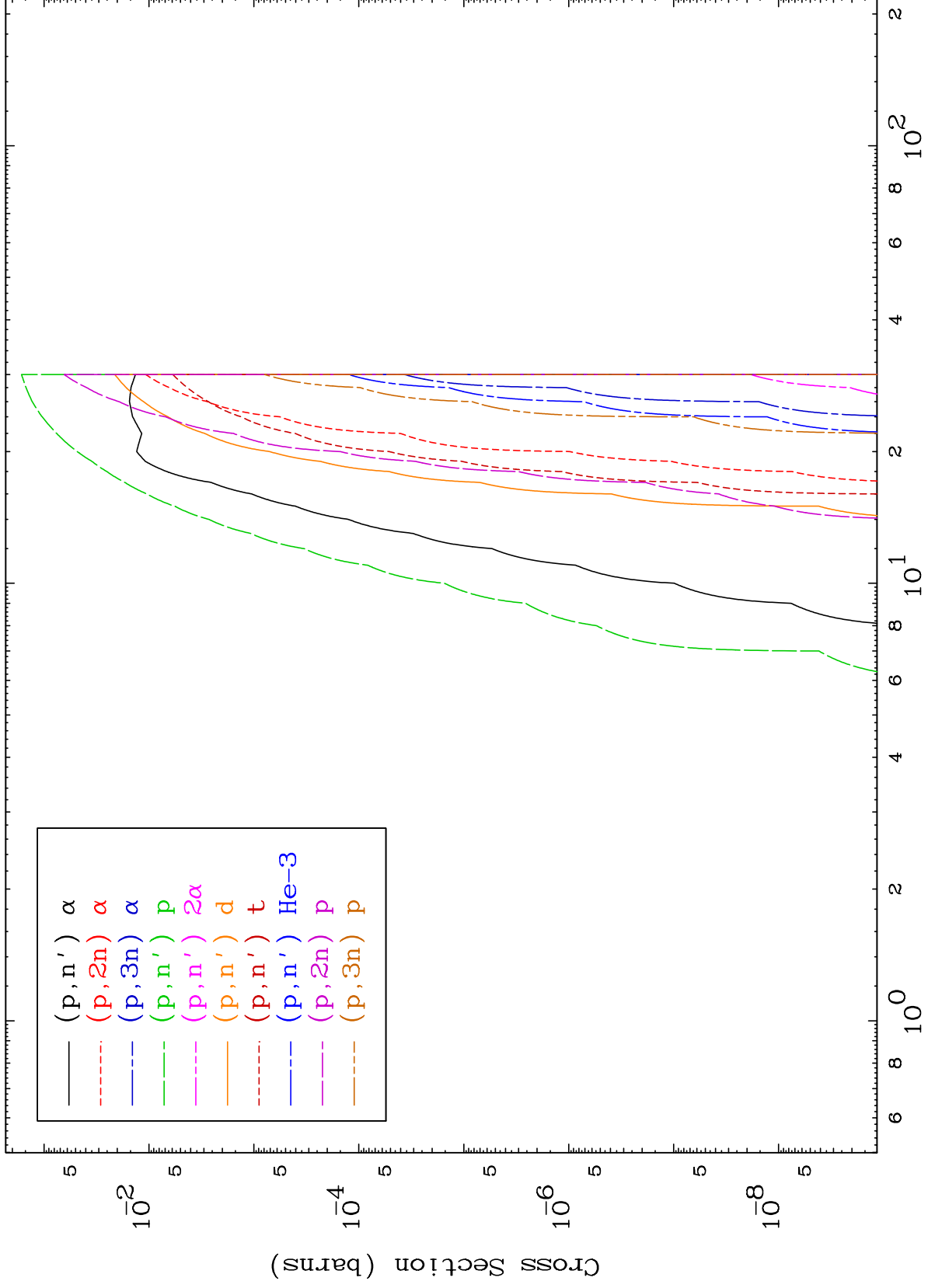




MAT 5652

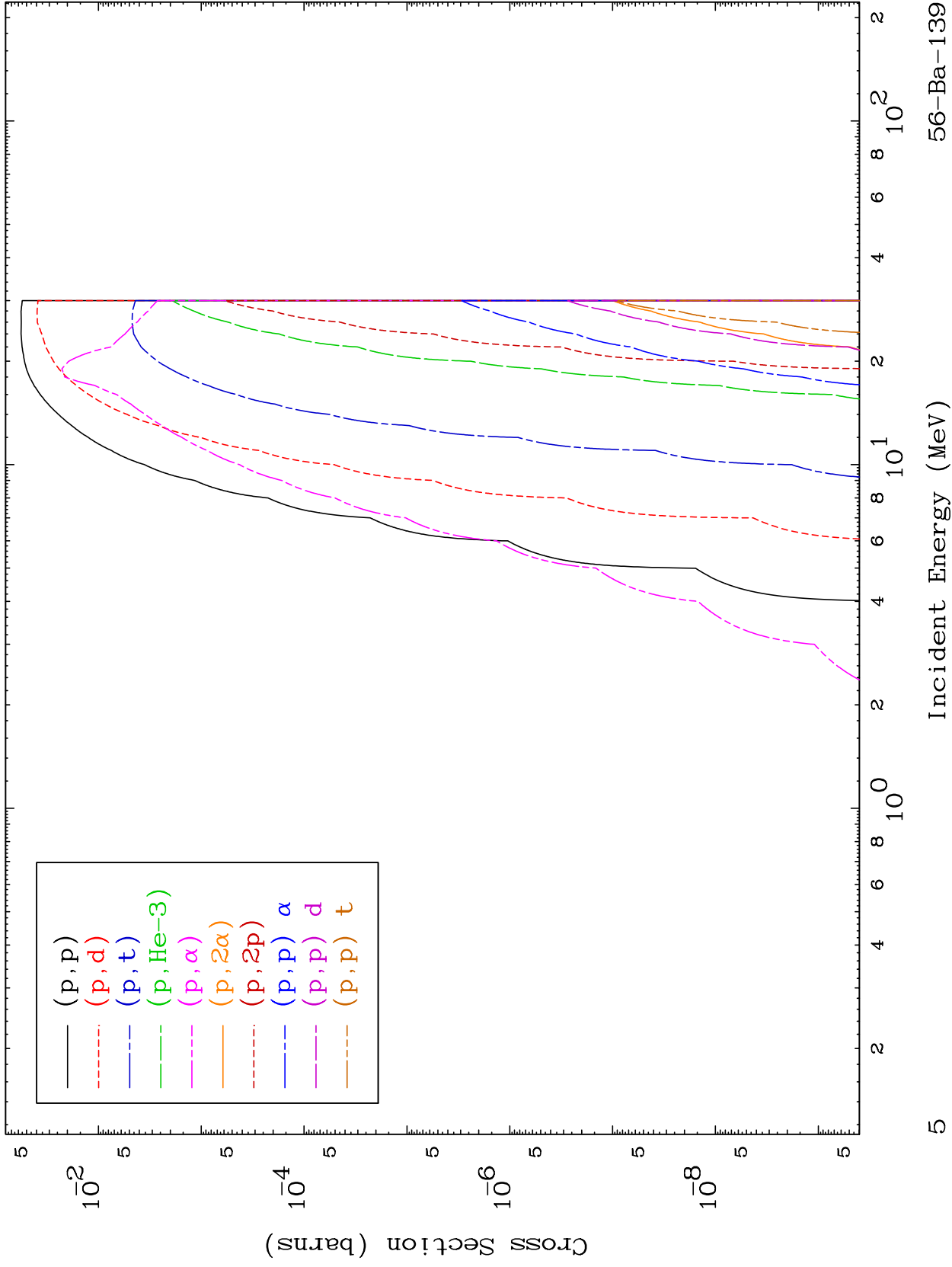
Proton Charged Particle
0 Kelvin Cross Sections

56-Ba-139



Incident Energy (MeV)

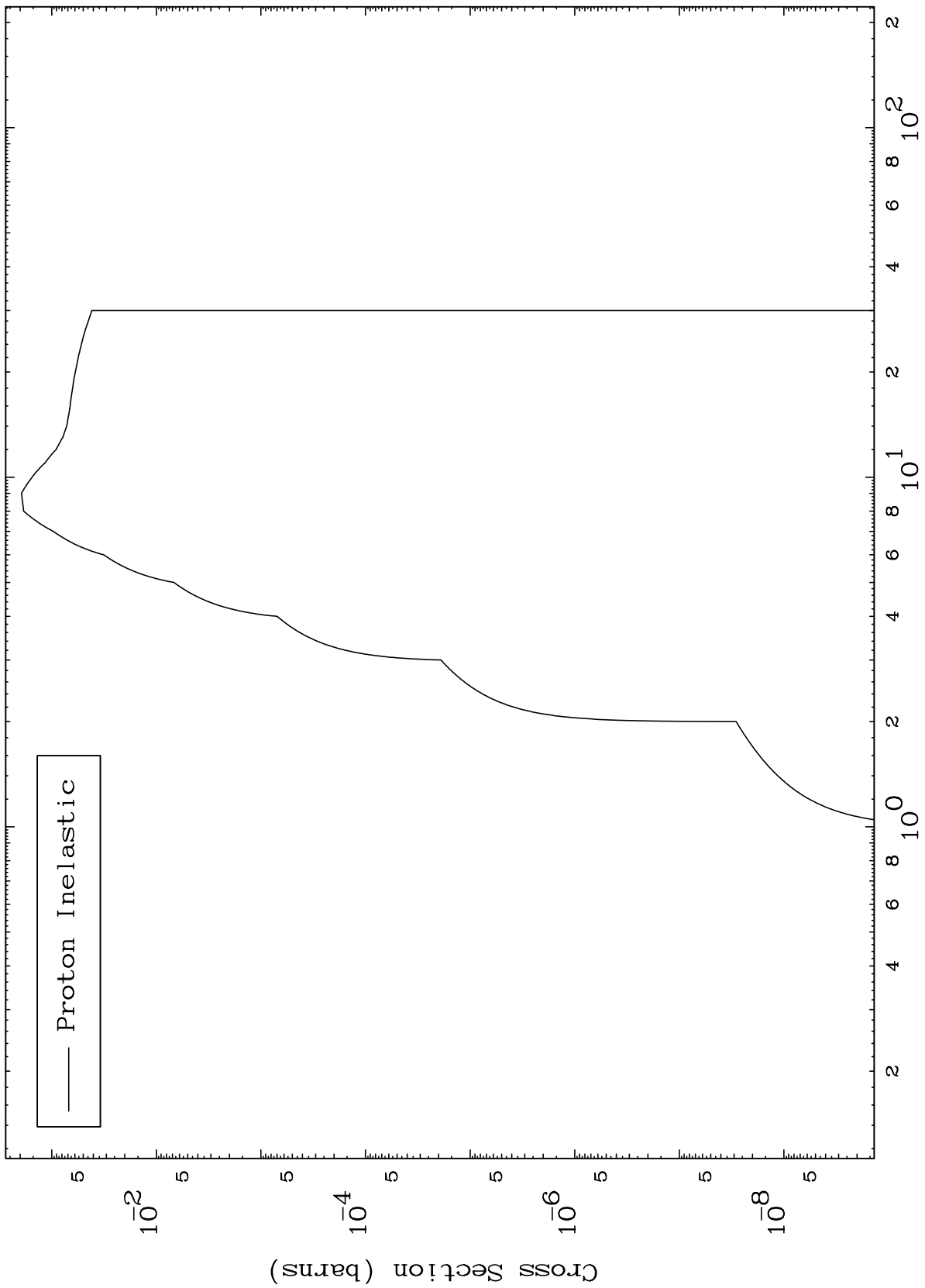
56-Ba-139



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56-Ba-139

(p,n') Level
0 Kelvin Cross Sections



56-Ba-139

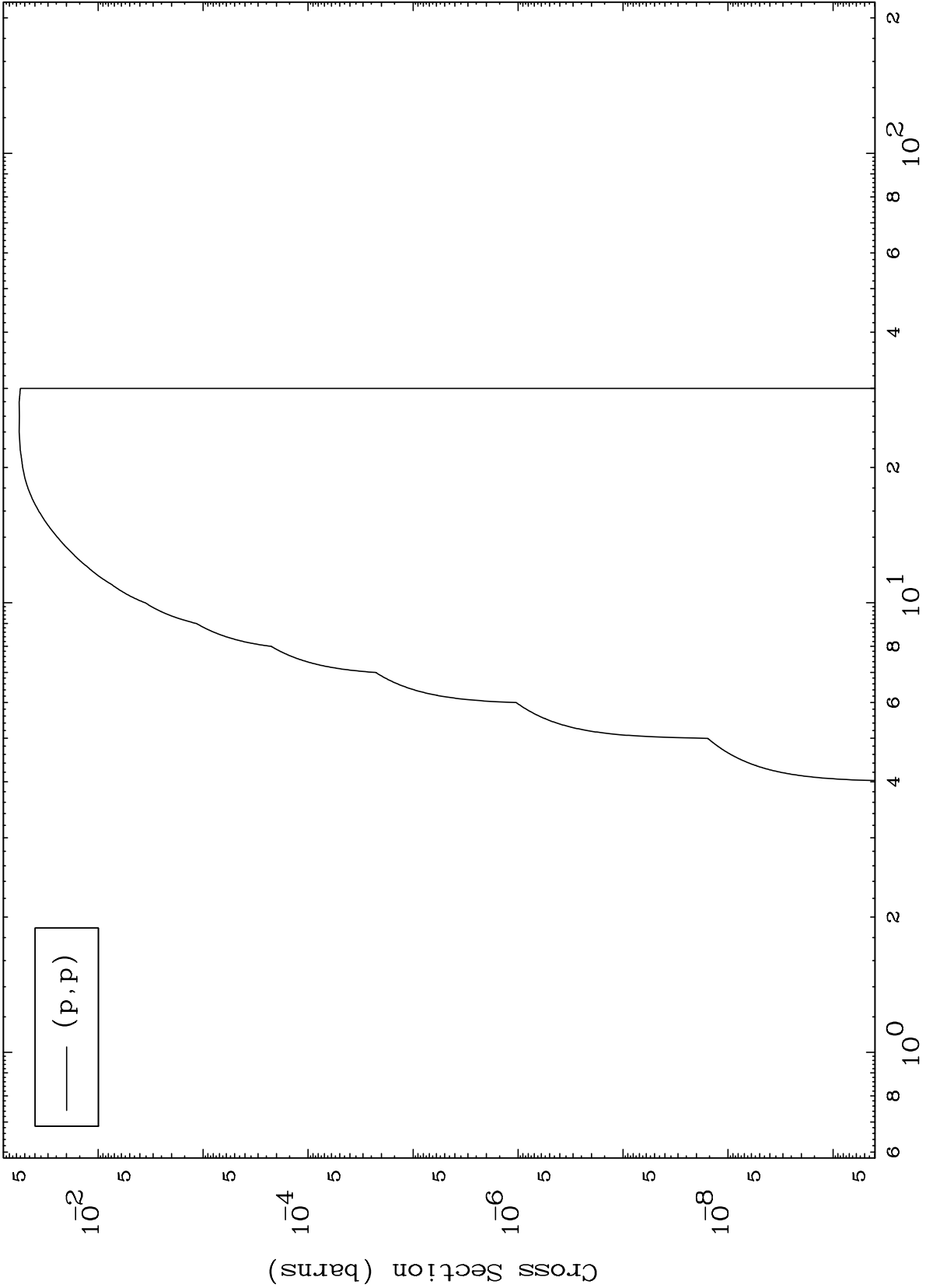
Incident Energy (MeV)

6

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56-Ba-139

(p,p) Levels
0 Kelvin Cross Sections



7

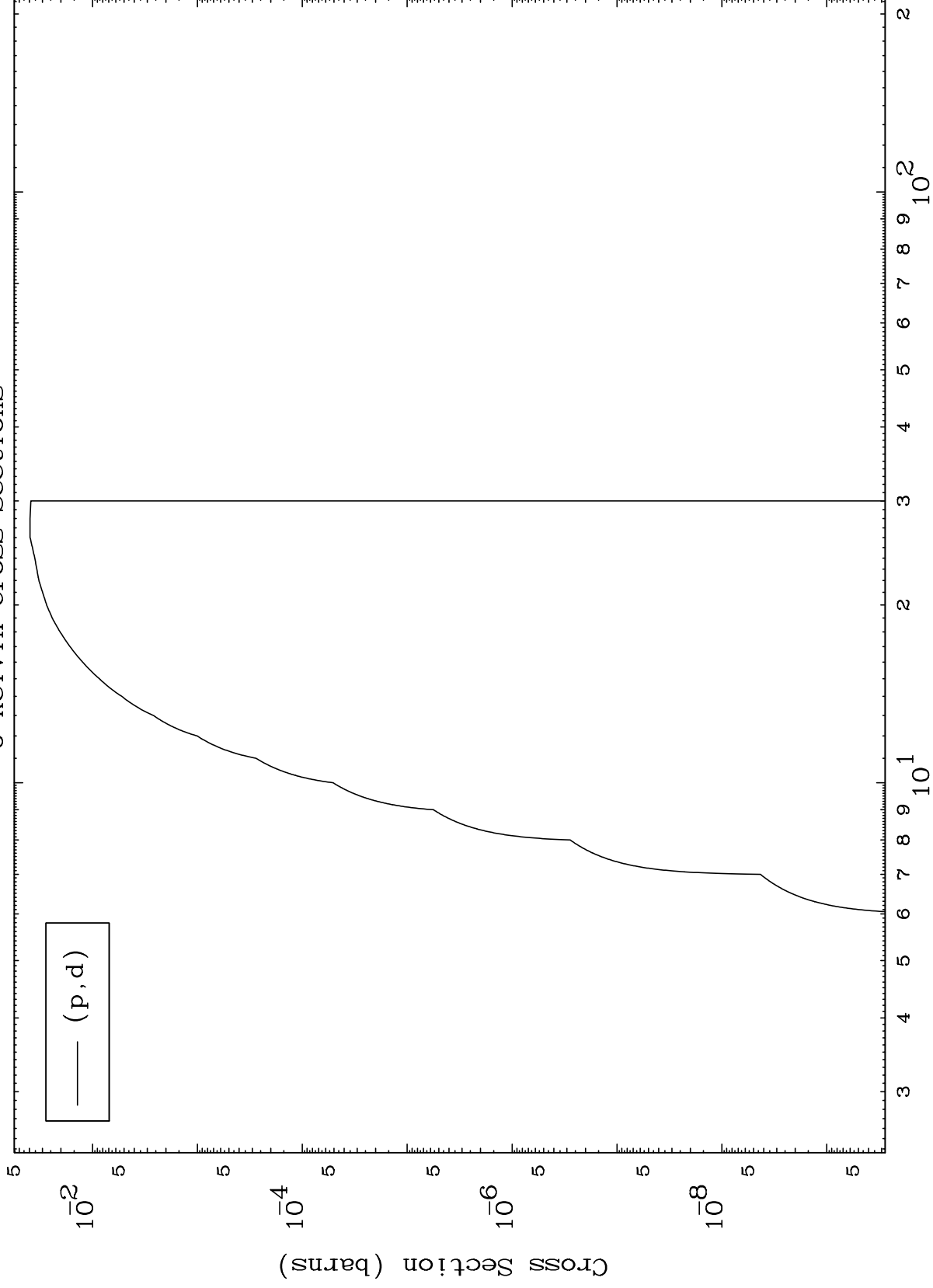
Incident Energy (MeV)

56-Ba-139

MAT 5652

(p,d) Levels
0 Kelvin Cross Sections

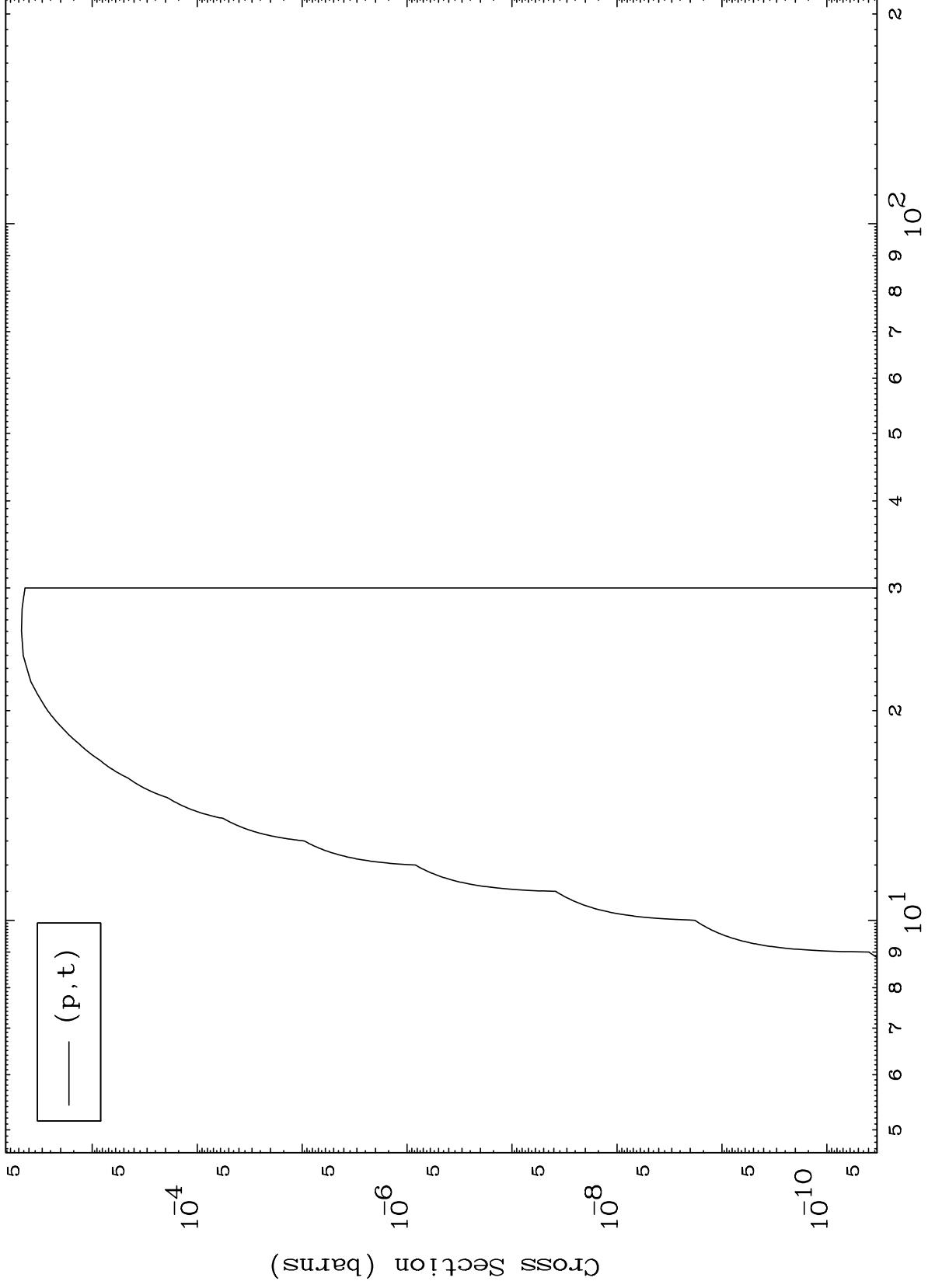
56-Ba-139



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56-Ba-139

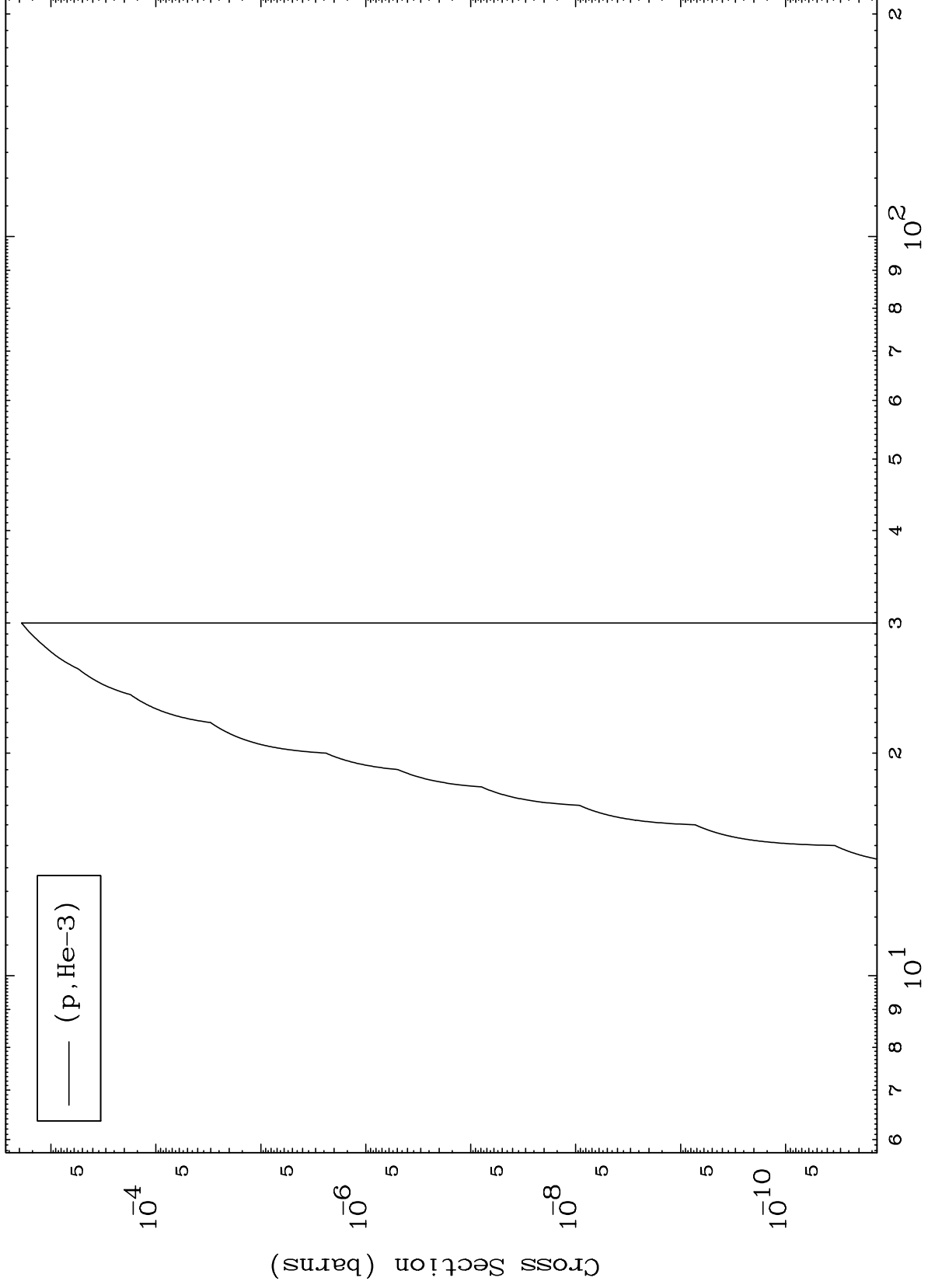
(p, t) Levels
0 Kelvin Cross Sections



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56-Ba-139

(p,He3) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

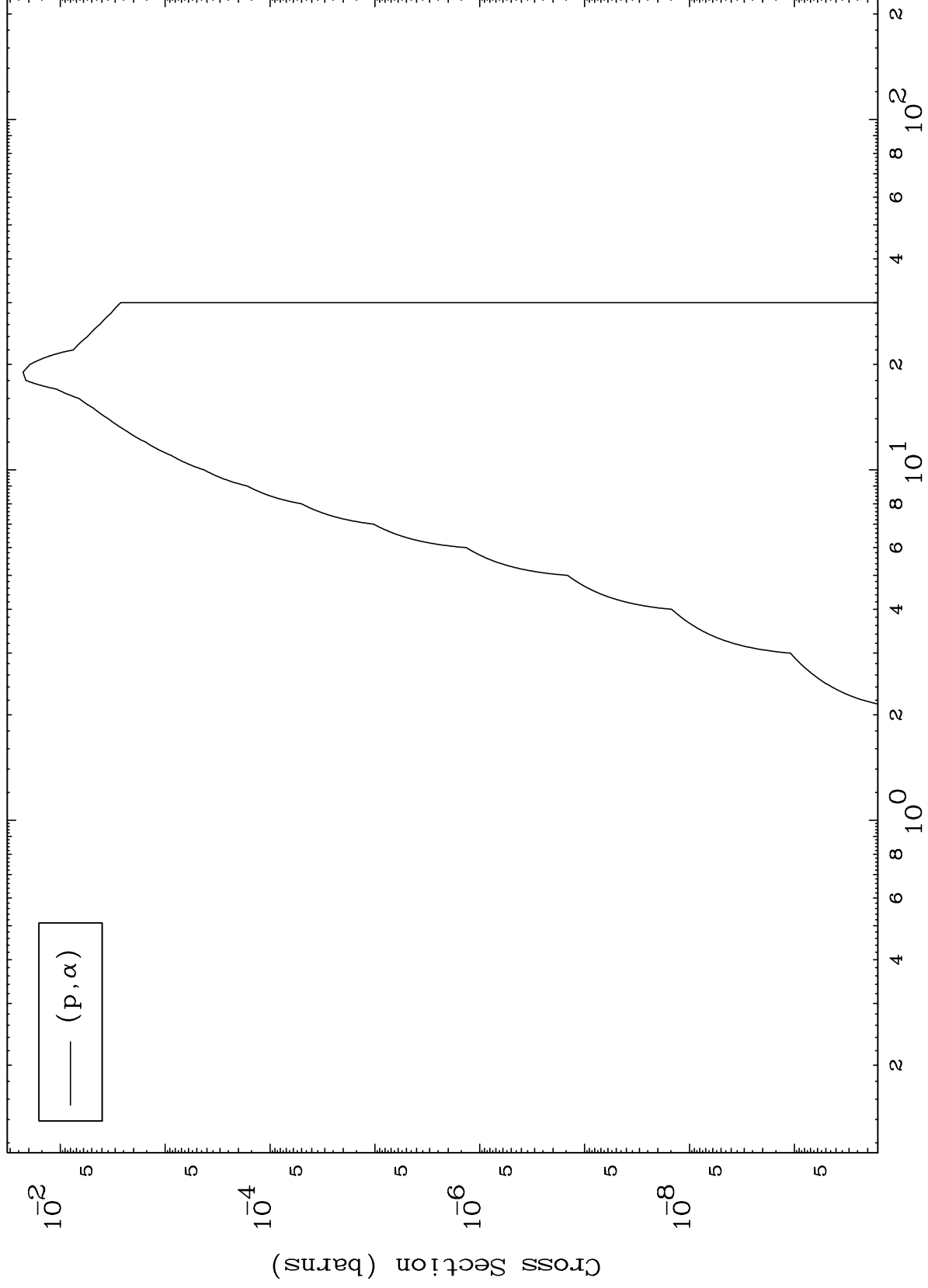
56-Ba-139

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(p, α) Levels

56-Ba-139

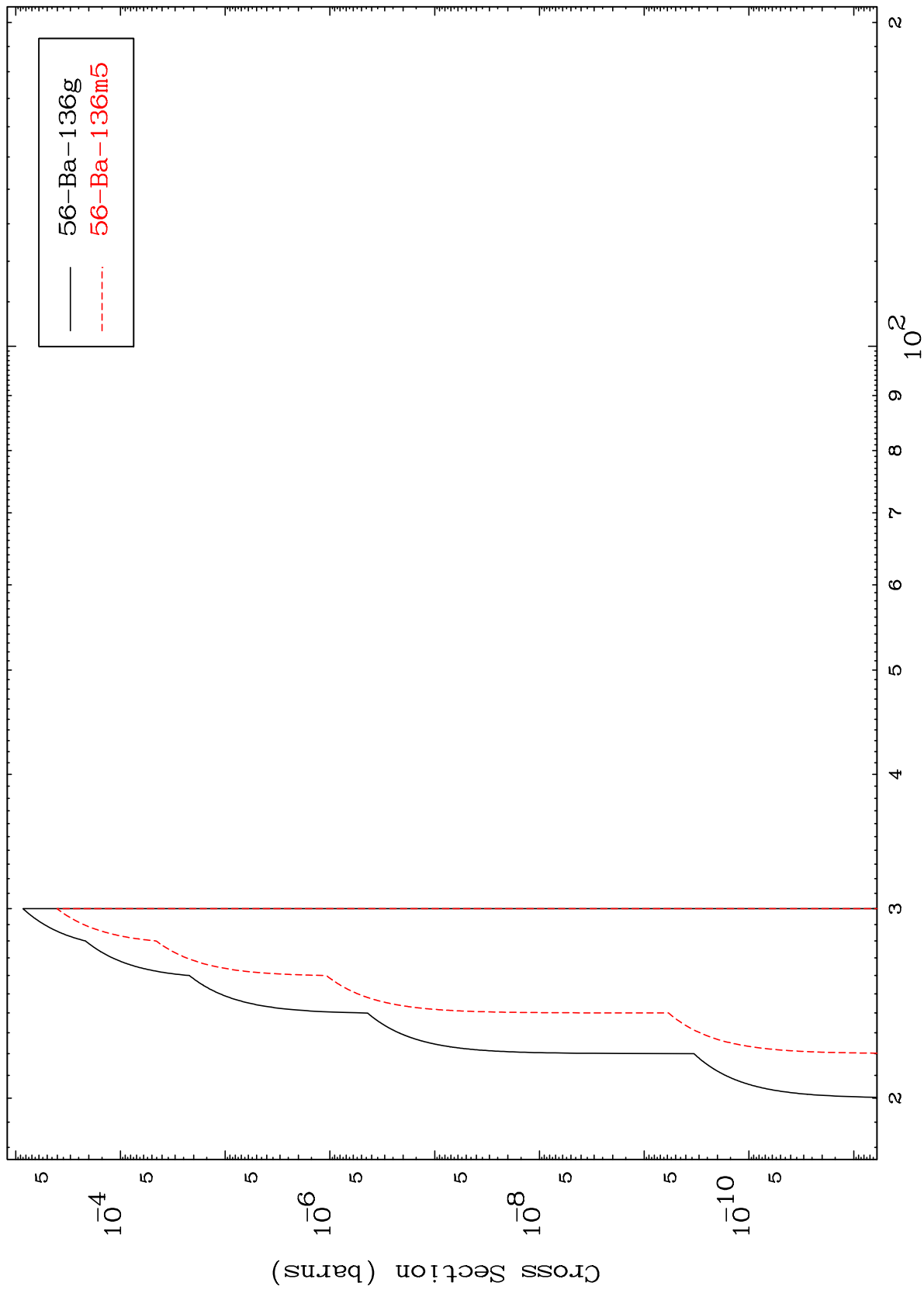
0 Kelvin Cross Sections



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56-Ba-139

(p,2n) d
Radionuclide Production Cross Section



12

56-Ba-139

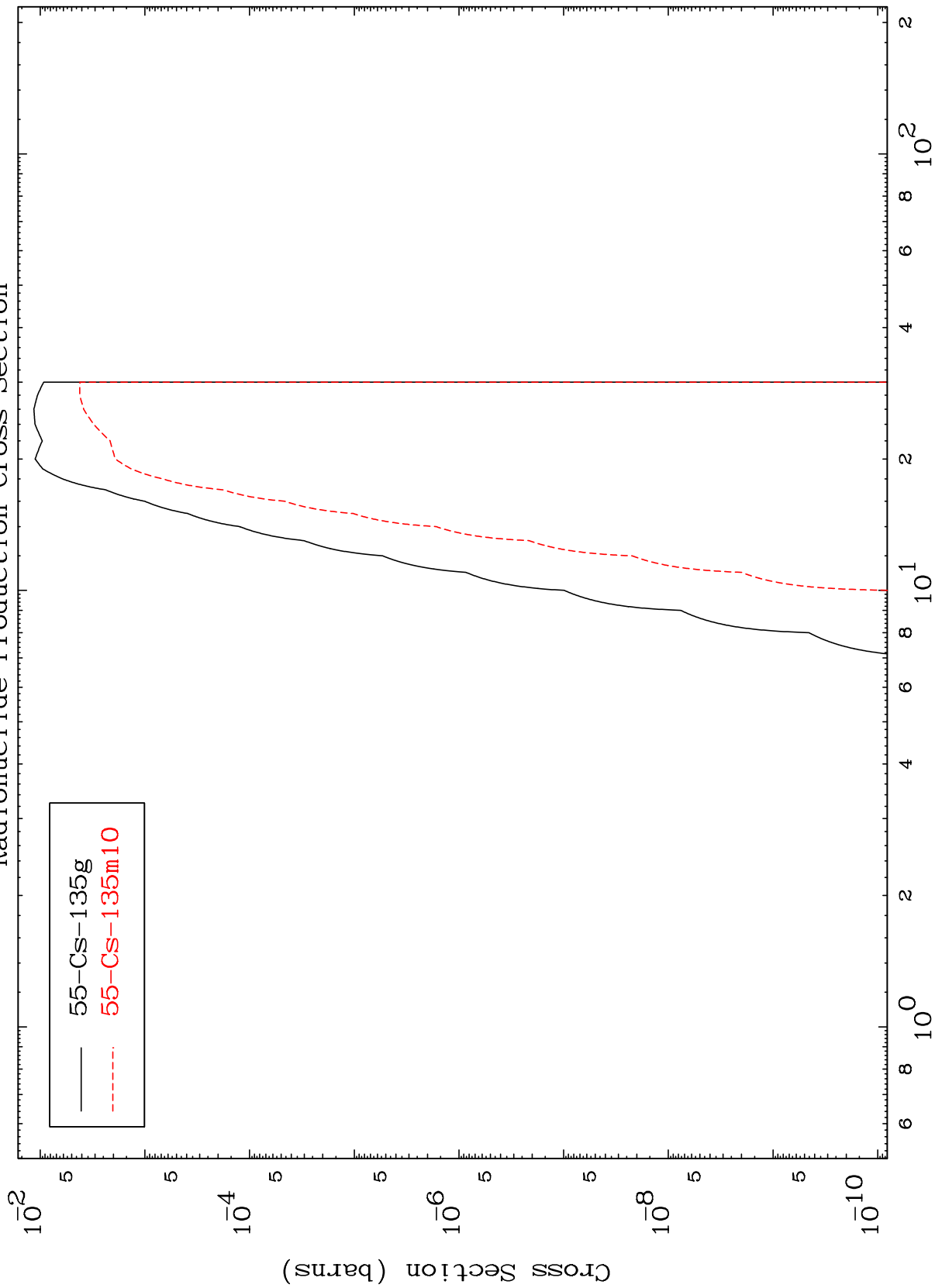
Incident Energy (MeV)

MAT 5652

(p,n') α

56-Ba-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

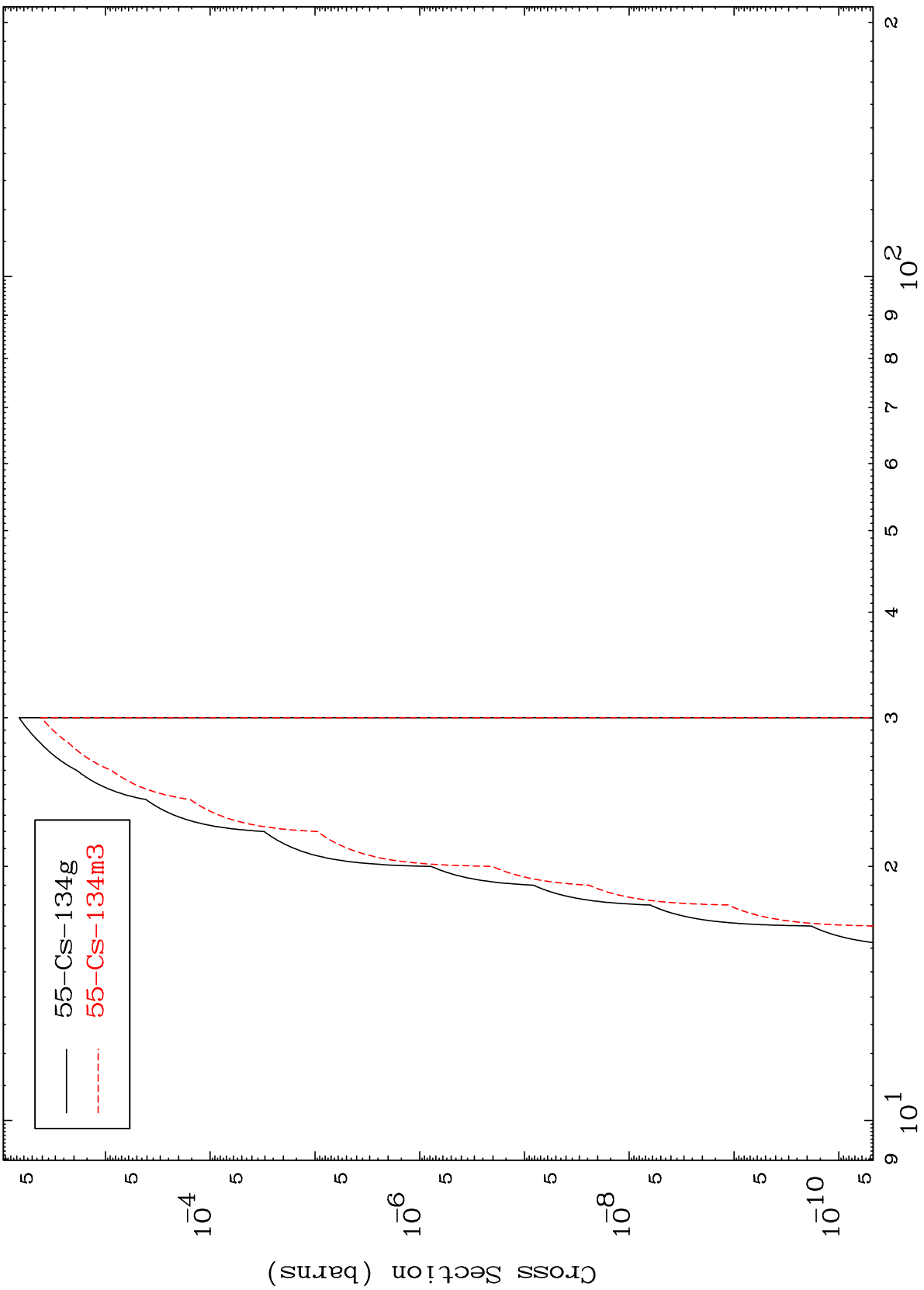
56-Ba-139

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(p,2n) α

56-Ba-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

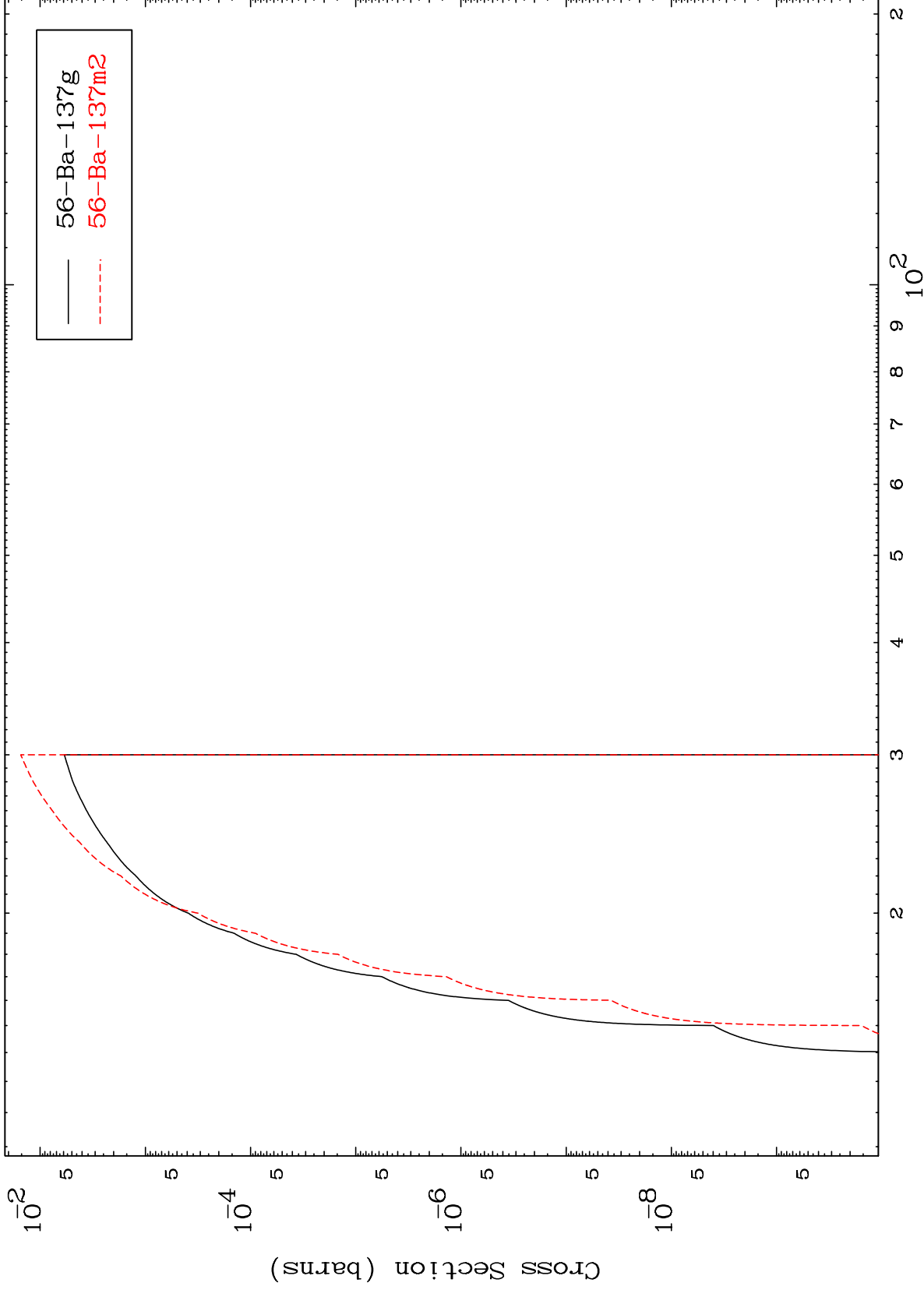
56-Ba-139

MAT 5652

(p,n') d

56-Ba-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

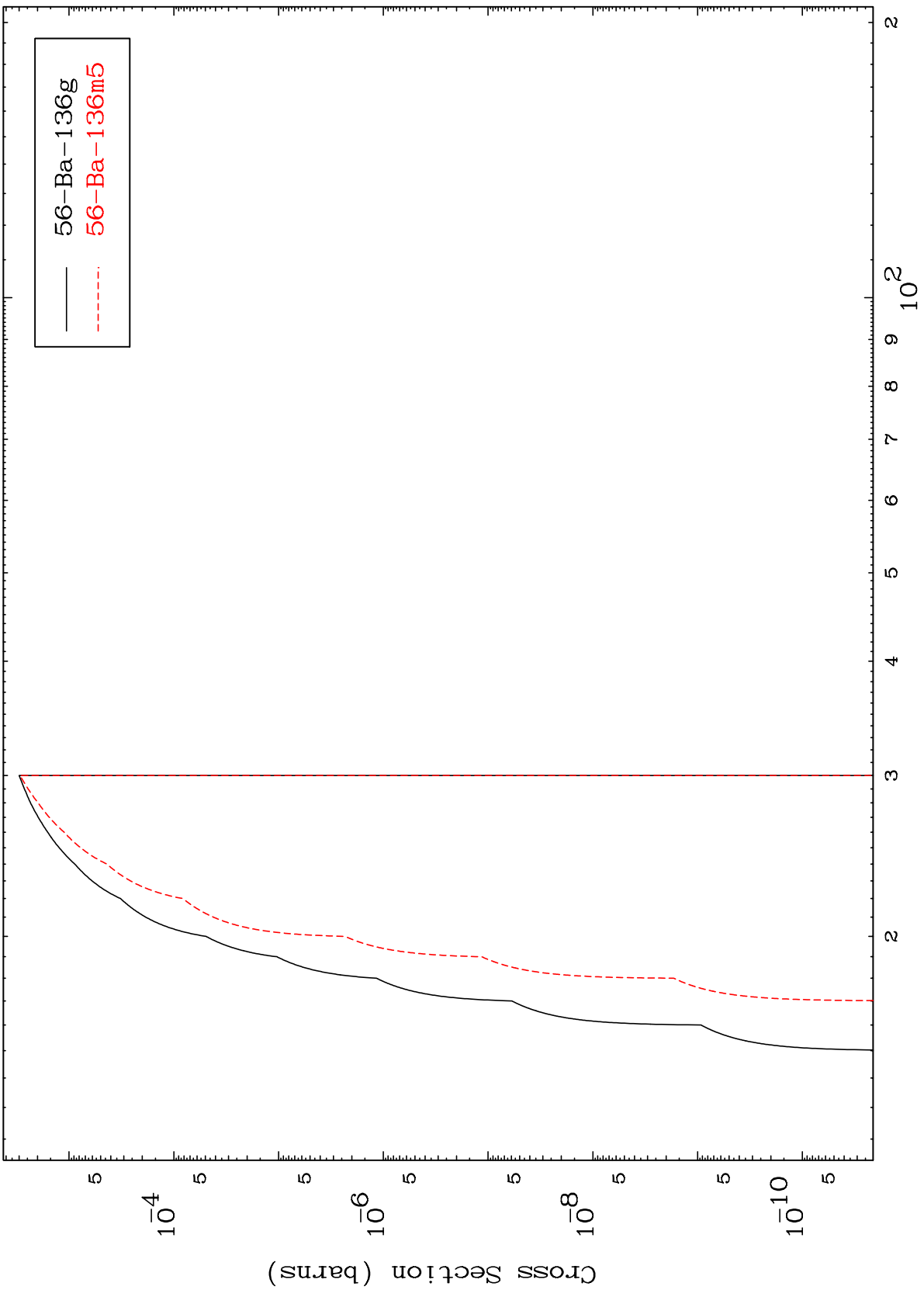
56-Ba-139

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(p,n') t

56-Ba-139

Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

16

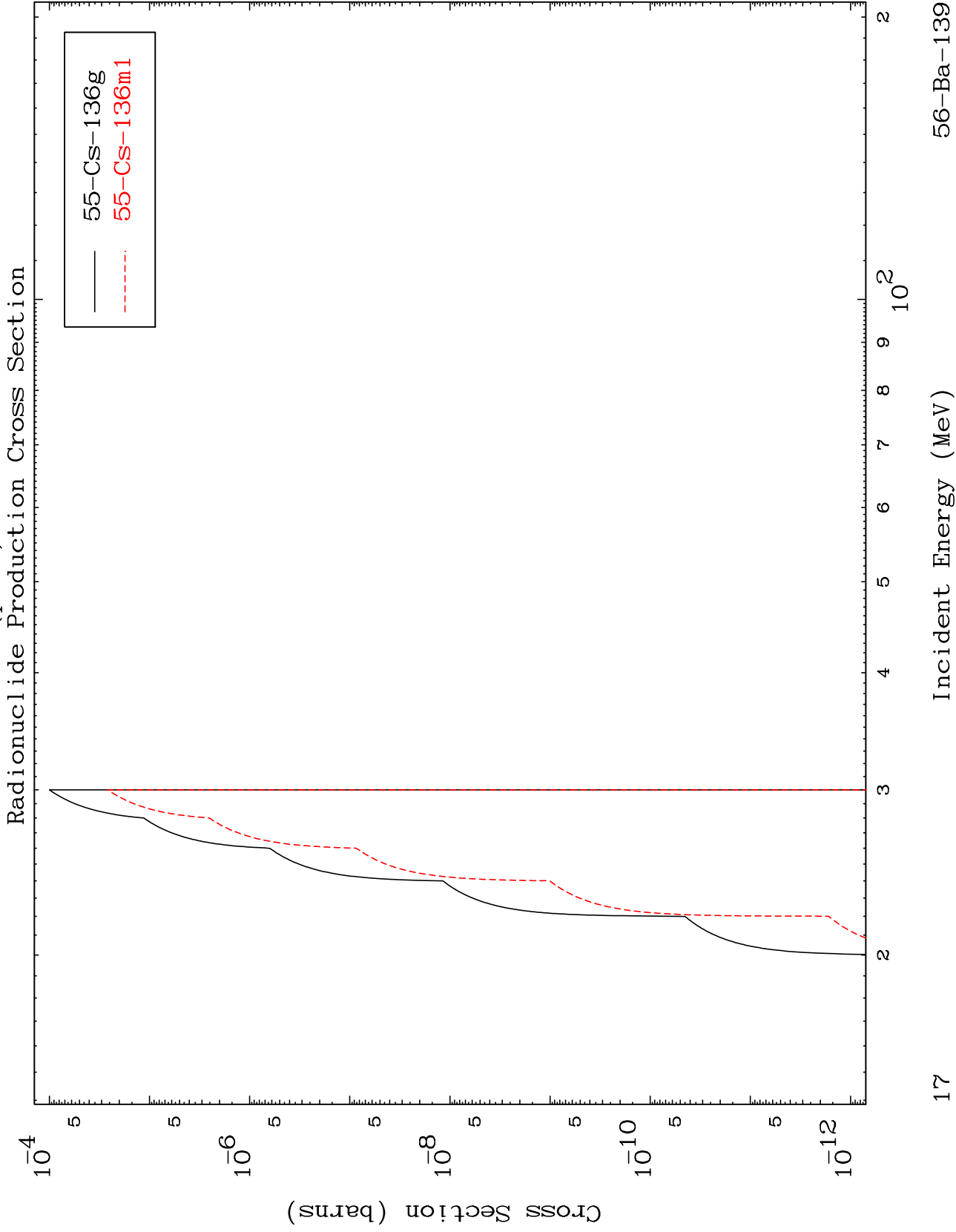
Incident Energy (MeV)

56-Ba-139

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(p,n') He-3

56-Ba-139



17

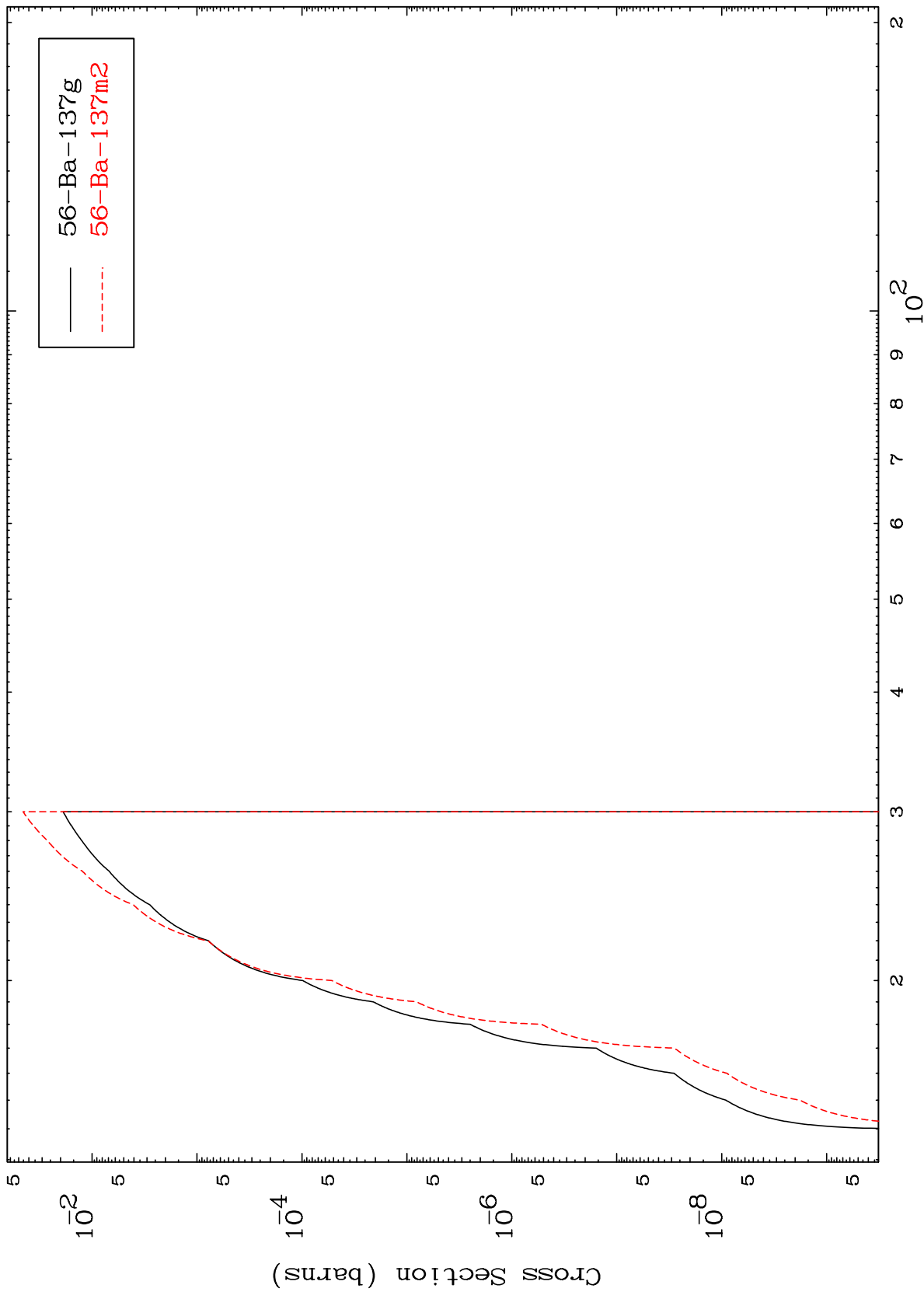
56-Ba-139

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(p,2n) p

56-Ba-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

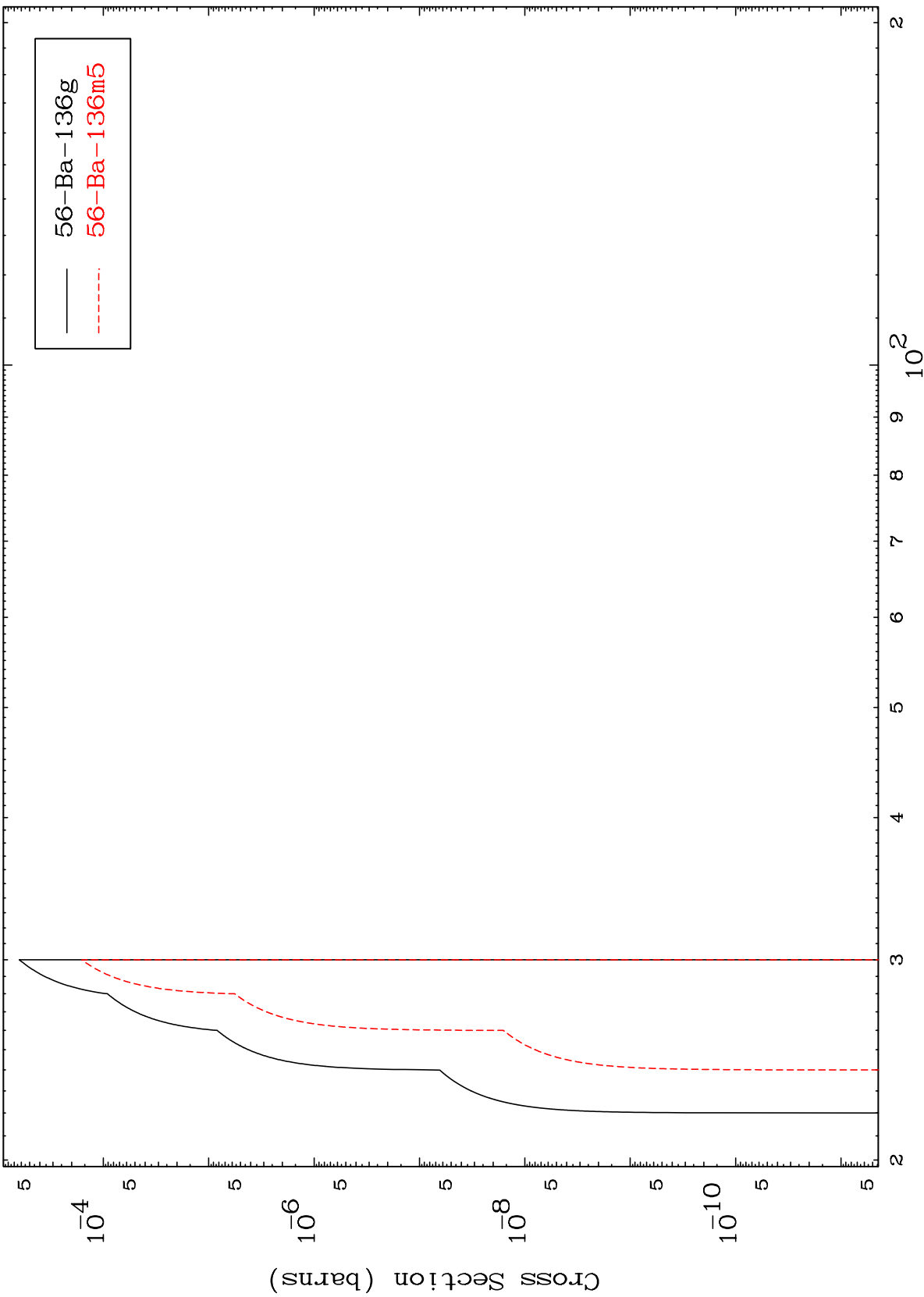
56-Ba-139

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(p,3n) p

56-Ba-139

Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

19

Incident Energy (MeV)

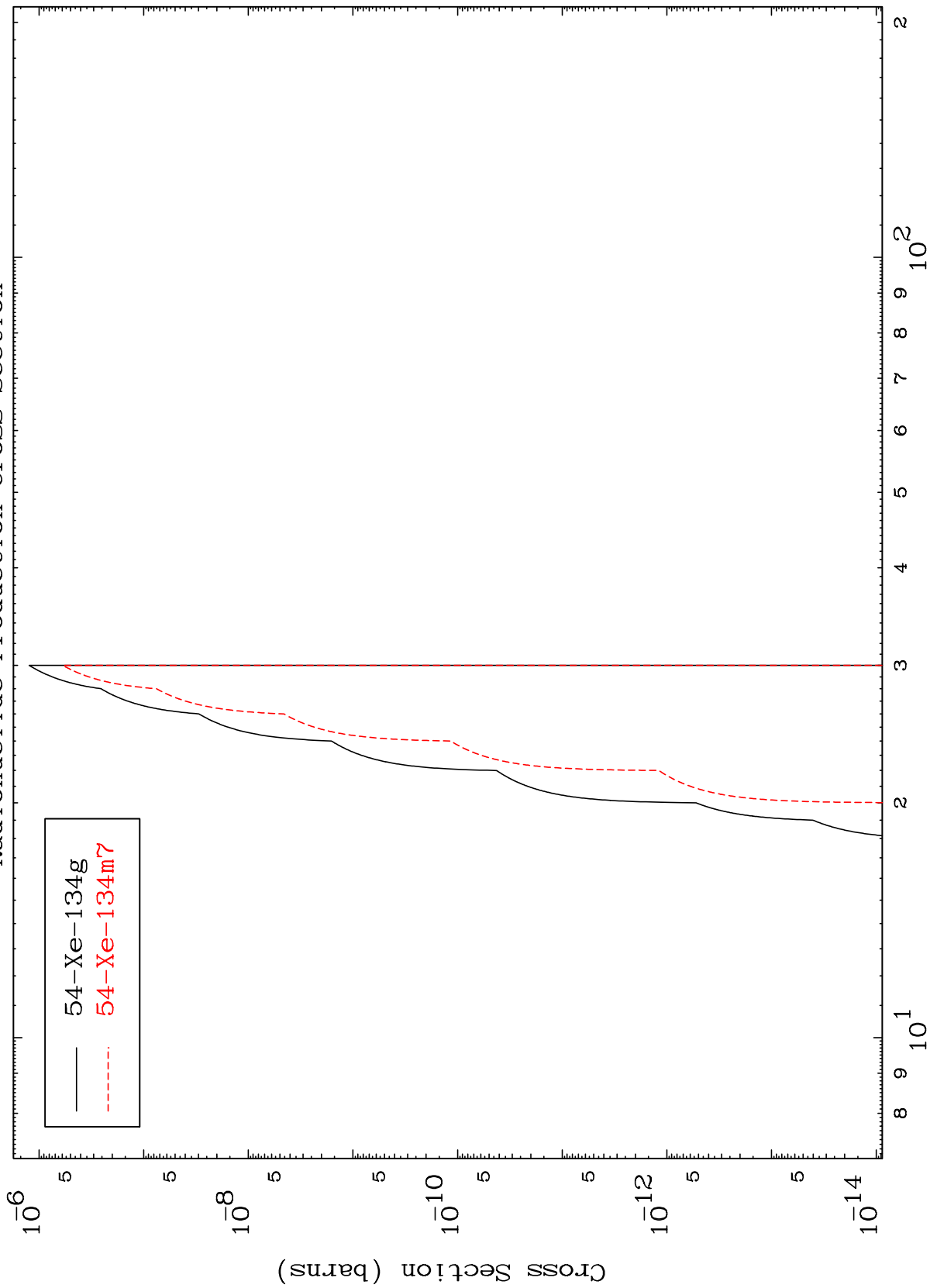
56-Ba-139

MAT 5652

(p,n') p α

56-Ba-139

Radionuclide Production Cross Section



20

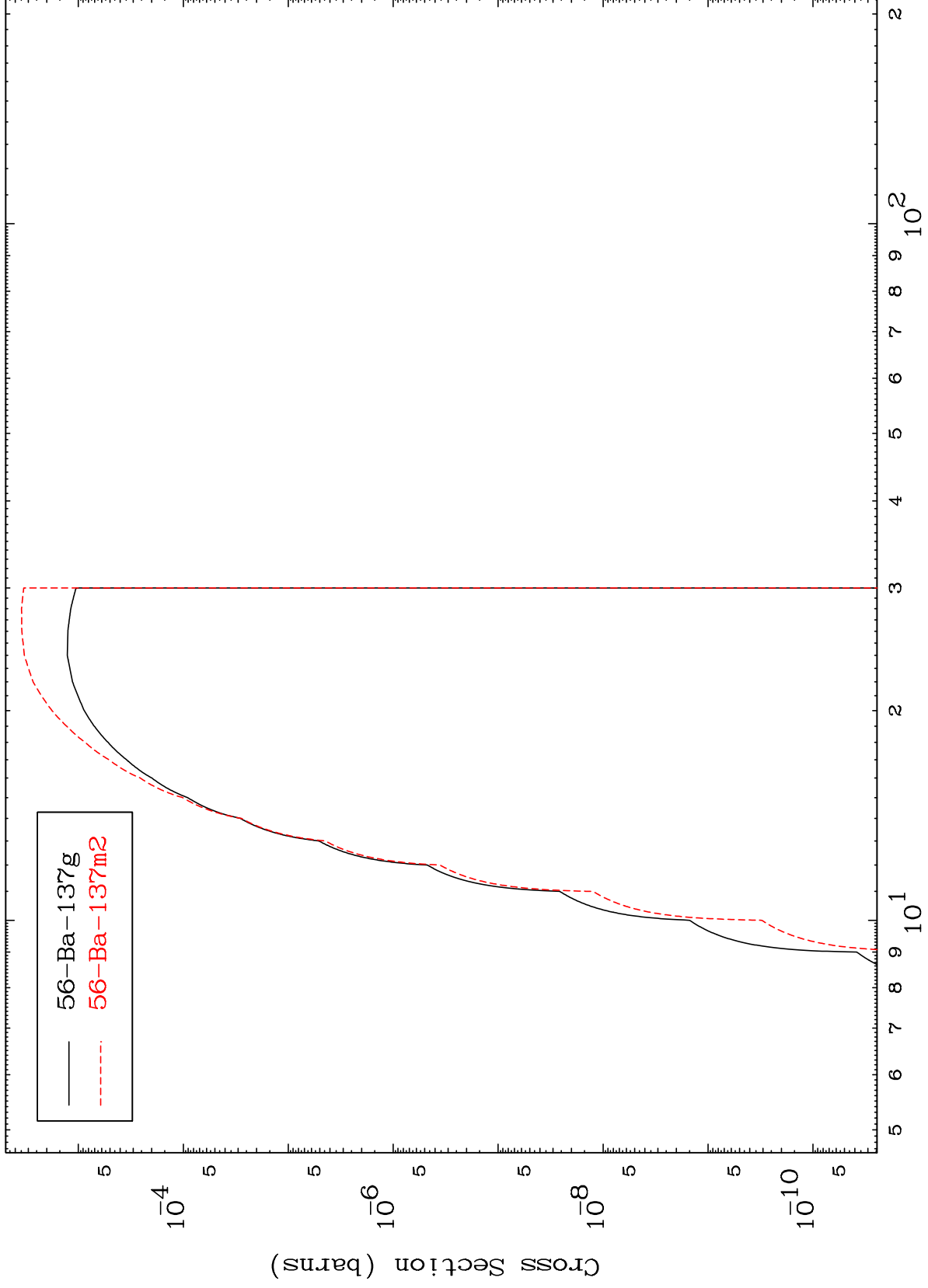
Incident Energy (MeV)

56-Ba-139

MAT 5652

56-Ba-139

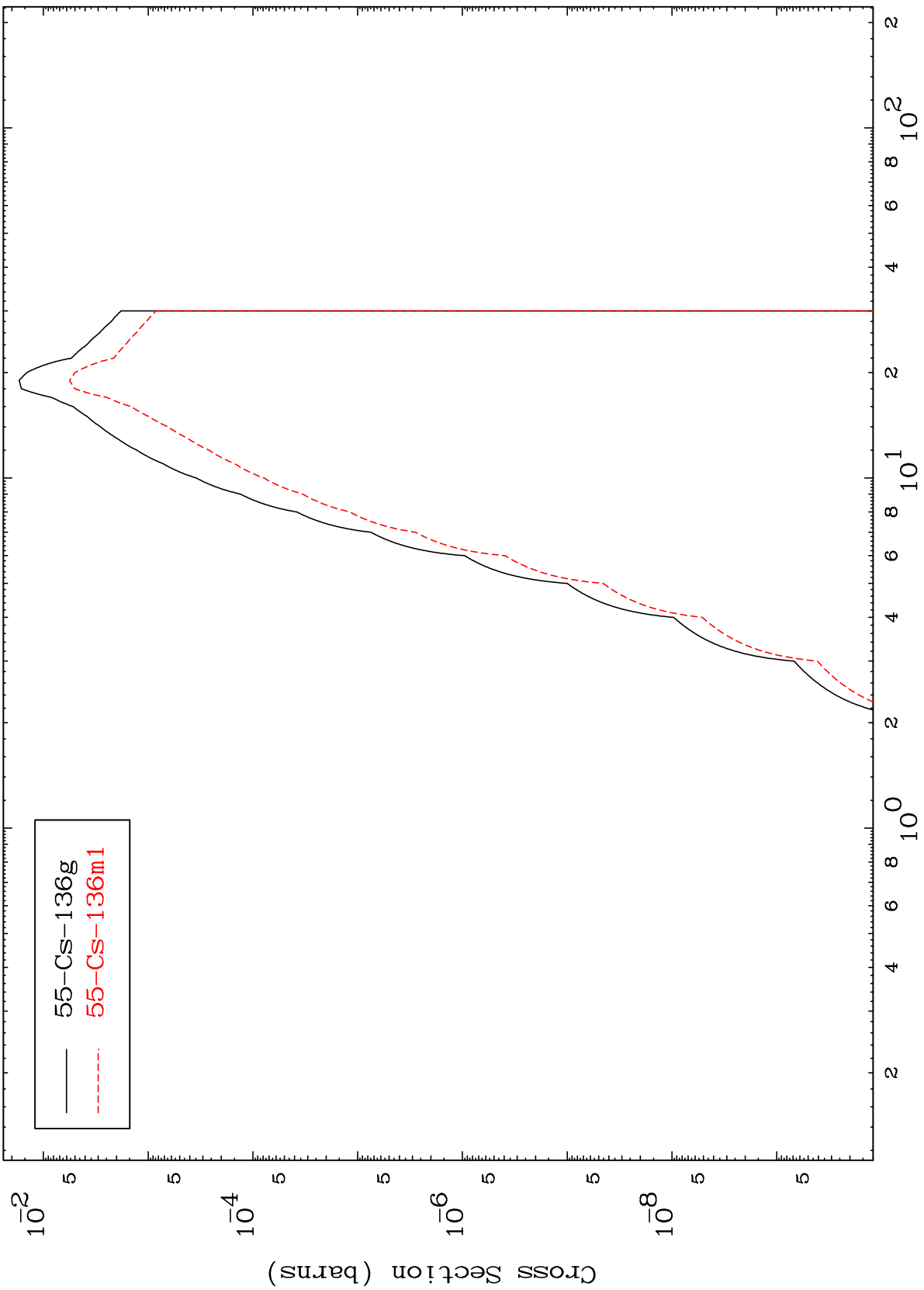
Radionuclide Production Cross Section
(p, t)



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56-Ba-139

Radionuclide Production Cross Section
(p, α)



55-Cs-136g
55-Cs-136m1

56-Ba-139

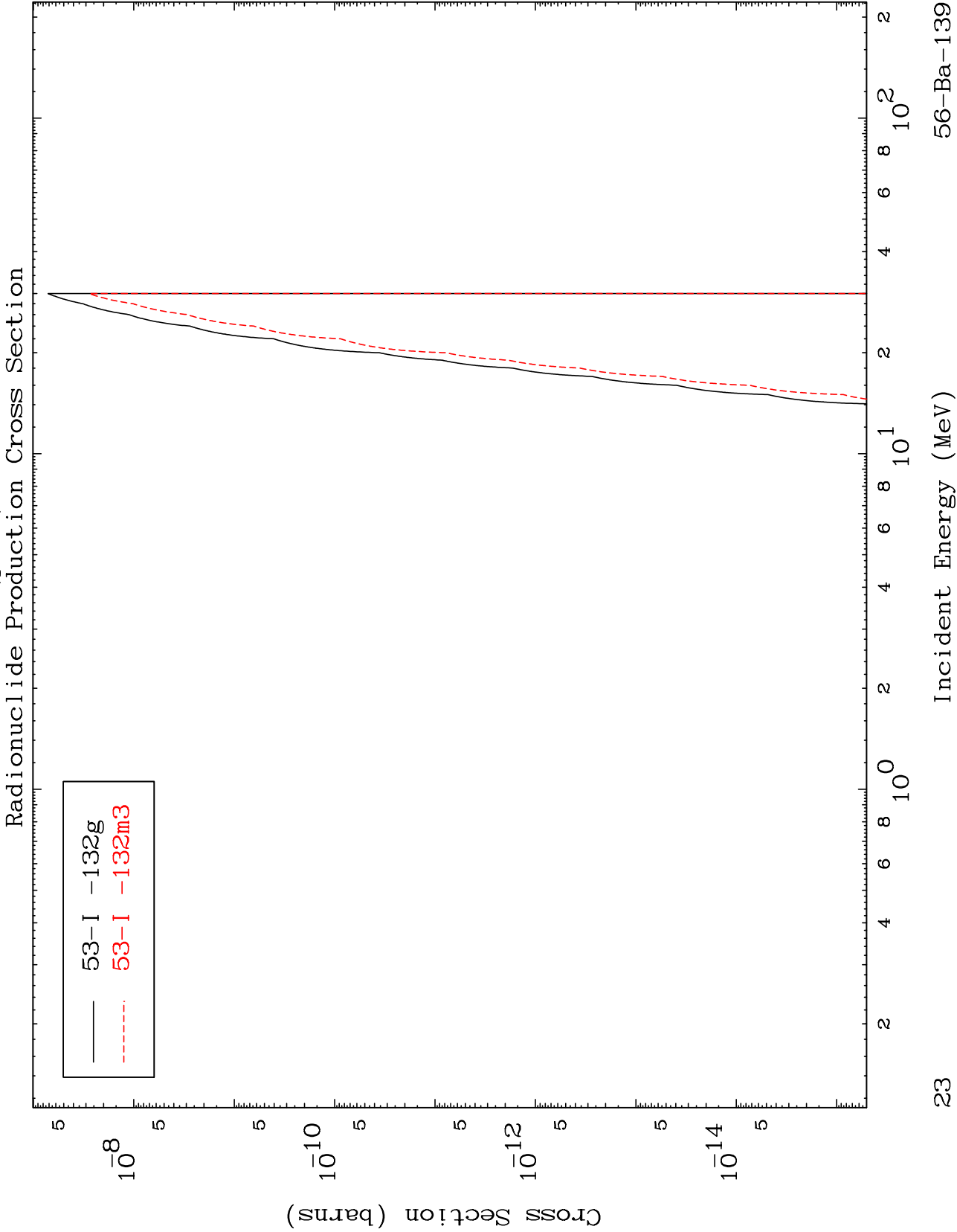
Incident Energy (MeV)

22

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(p,2α)

56-Ba-139

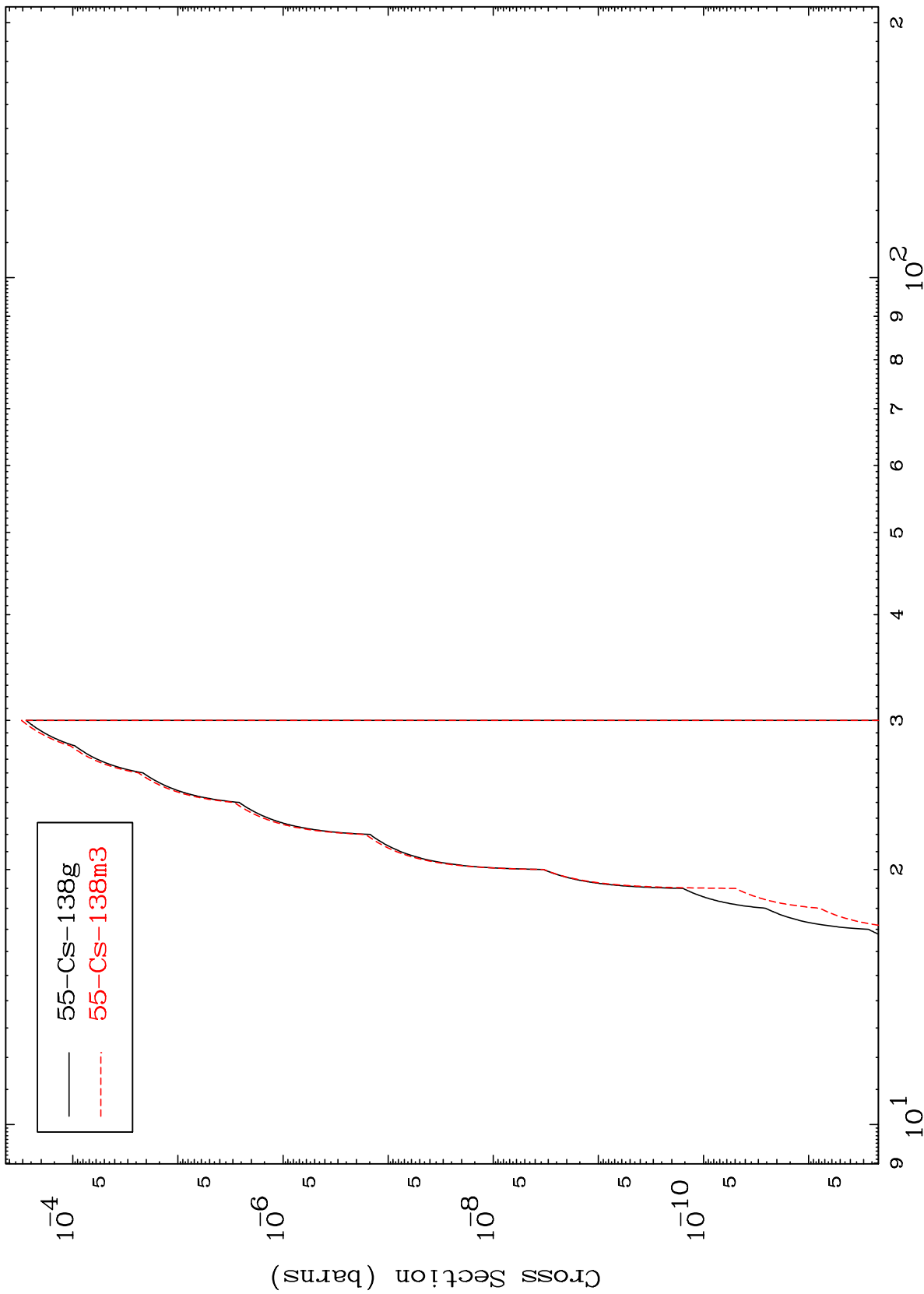


53-I -132g
53-I -132m3

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56-Ba-139

(p,2p)
Radionuclide Production Cross Section



56-Ba-139

Incident Energy (MeV)

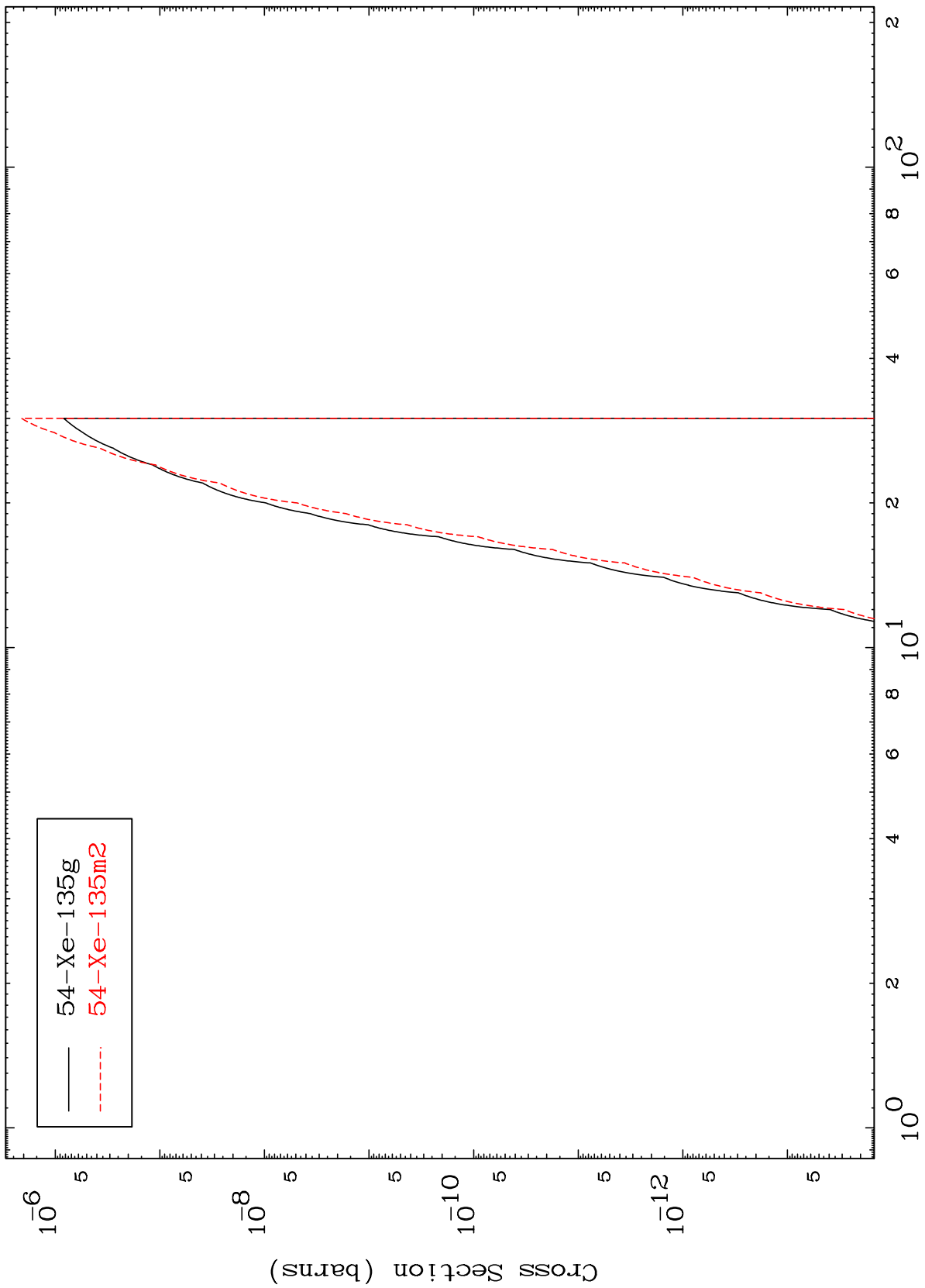
24

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(p,p) α

56-Ba-139

Radionuclide Production Cross Section

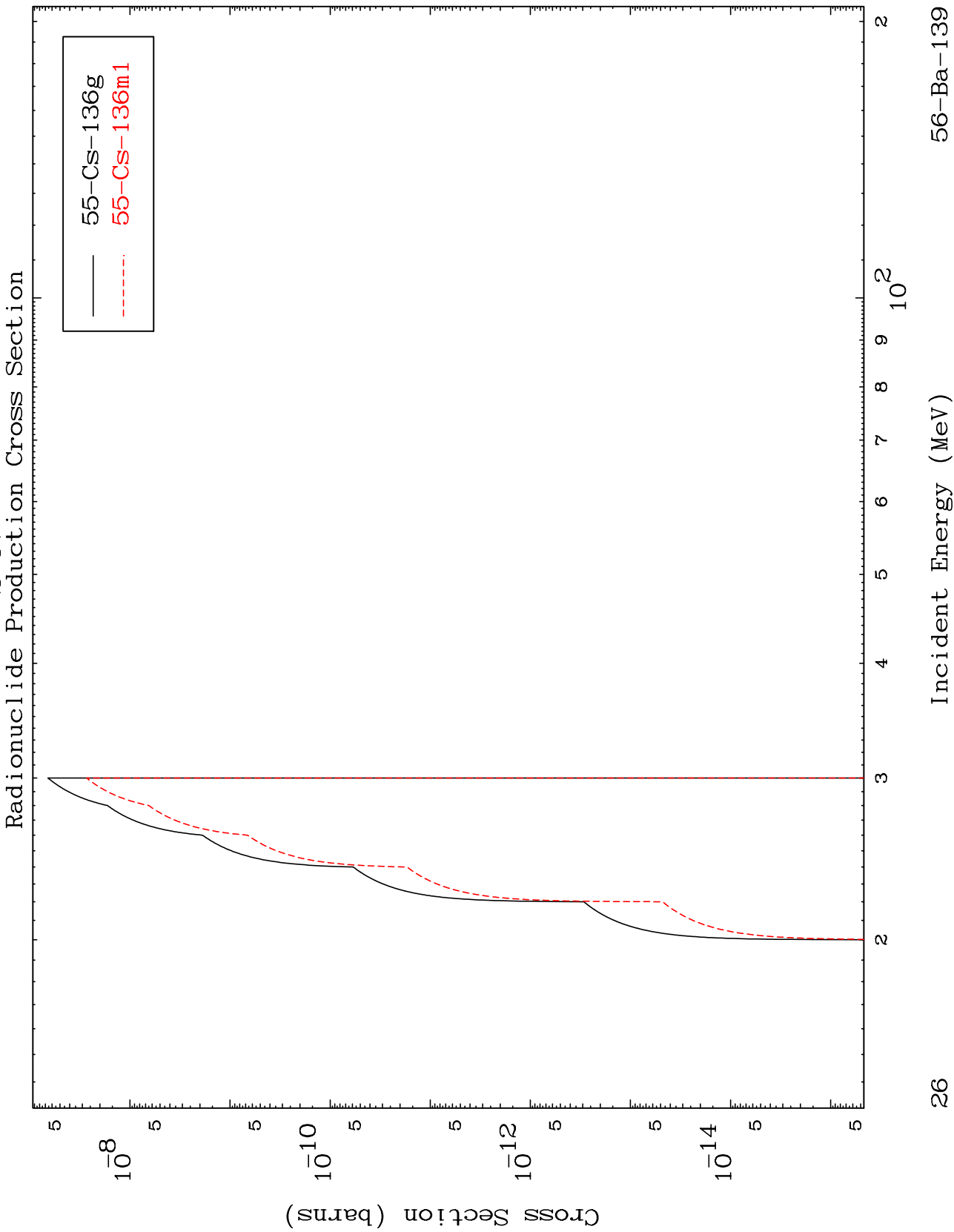


54-Xe-135g
54-Xe-135m2

25

Incident Energy (MeV)

56-Ba-139

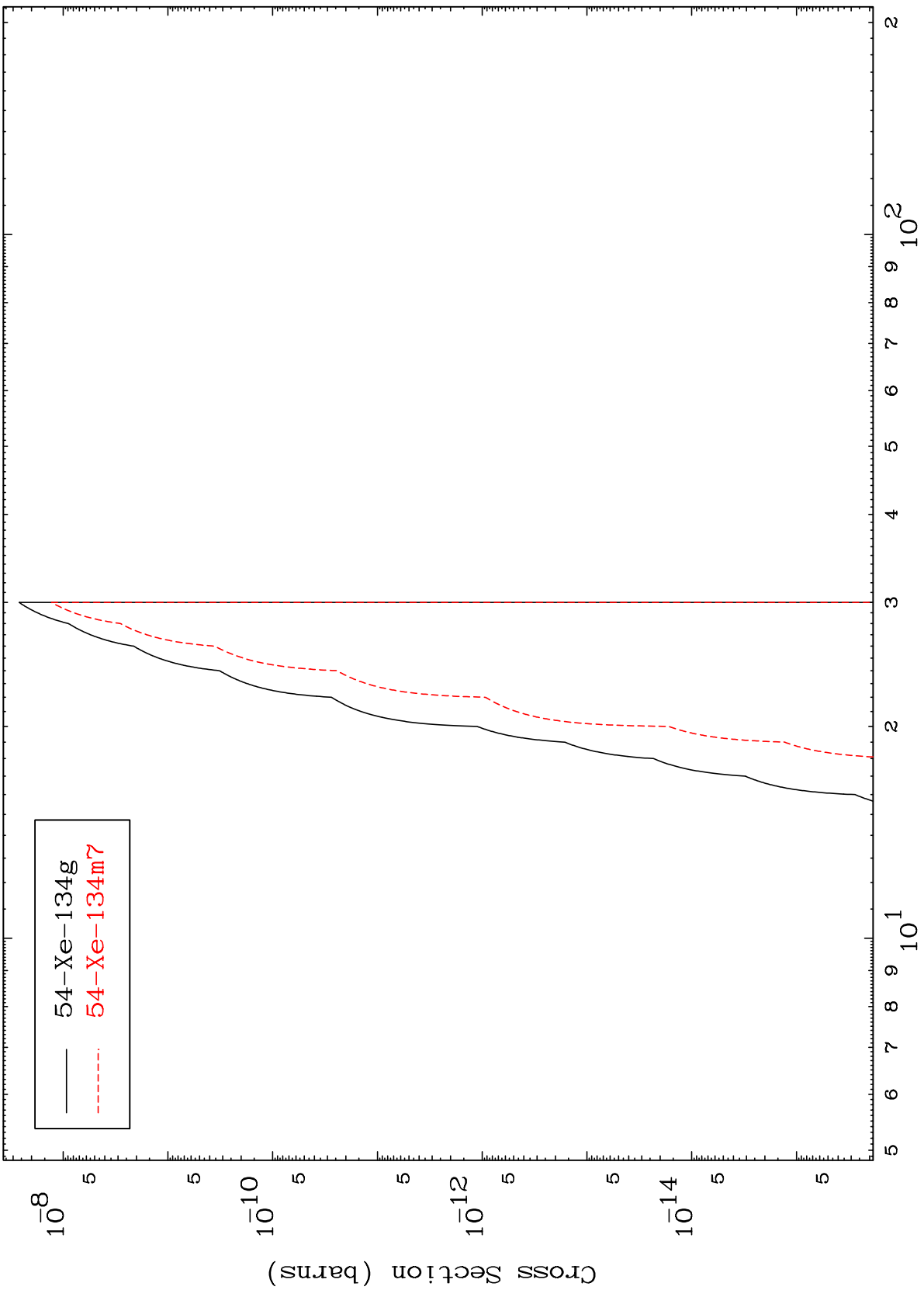


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(p,d) α

56-Ba-139

Radionuclide Production Cross Section



54-Xe-134g
54-Xe-134m7

27

Incident Energy (MeV)

56-Ba-139