

Program EVALPLOT
(Version 2017-1)

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

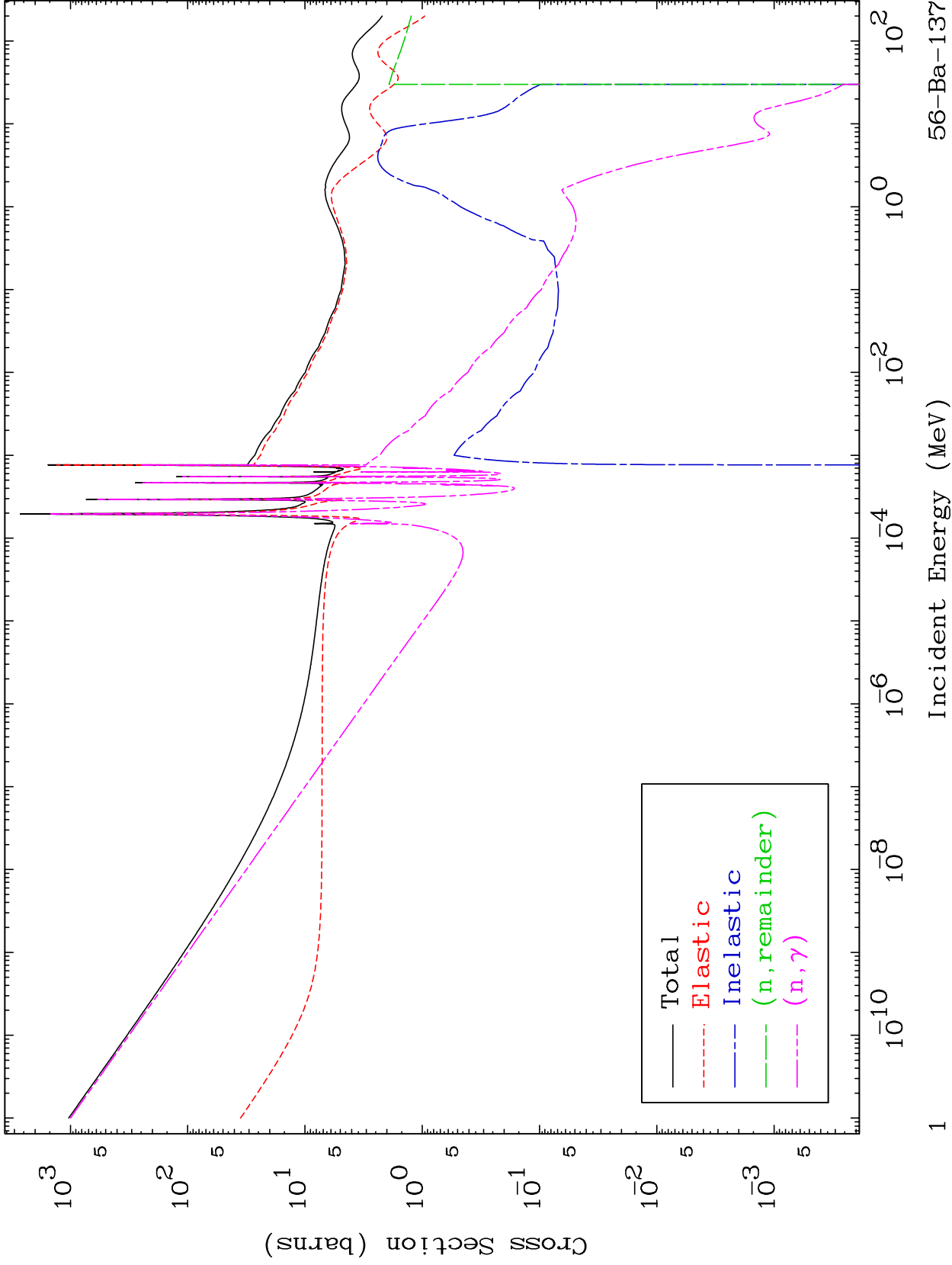
Press Mouse Button to Start

MAT 5647

Major

293 Kelvin Cross Sections

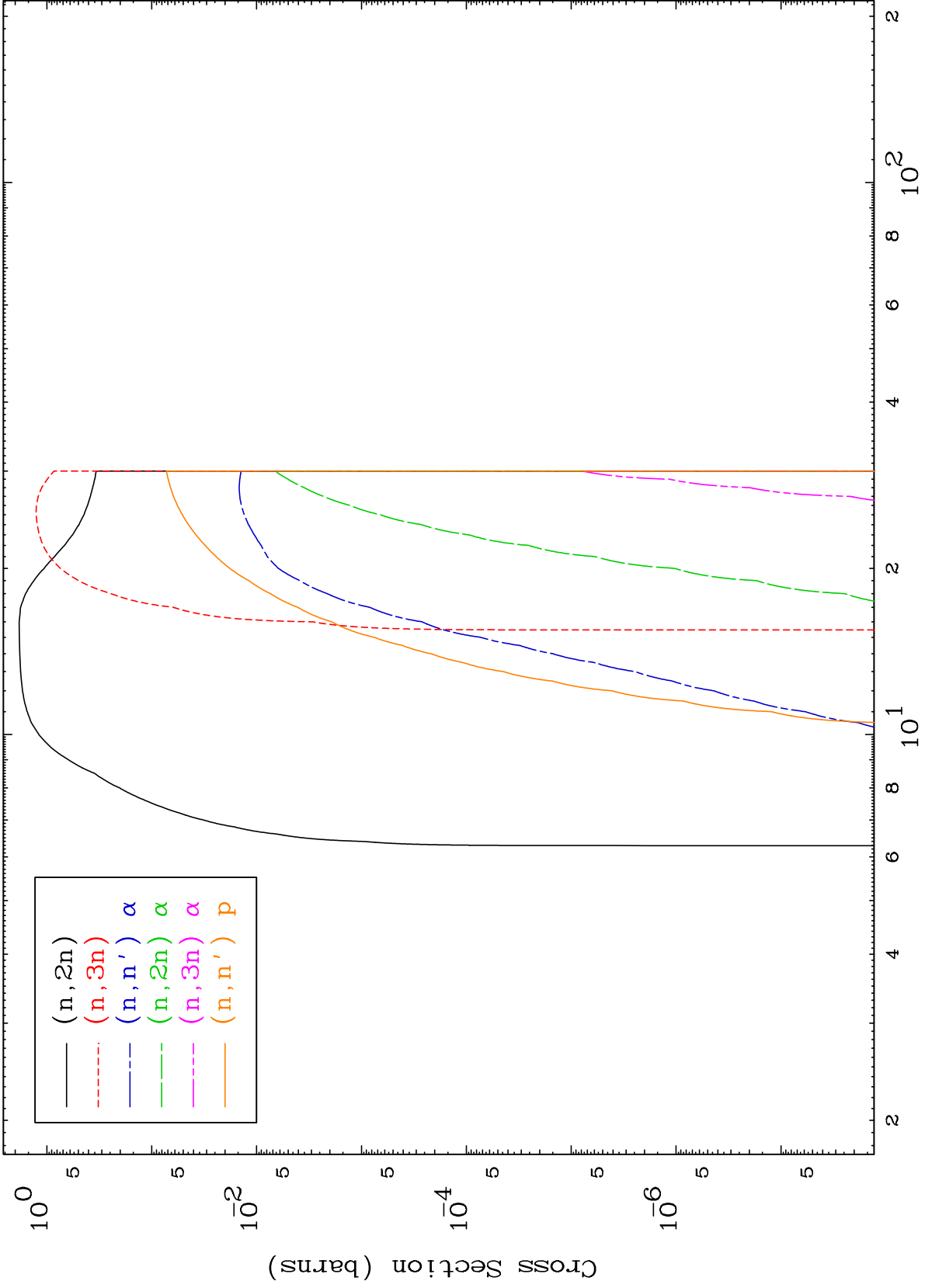
56-Ba-137



MAT 5647

Neutron Production
293 Kelvin Cross Sections

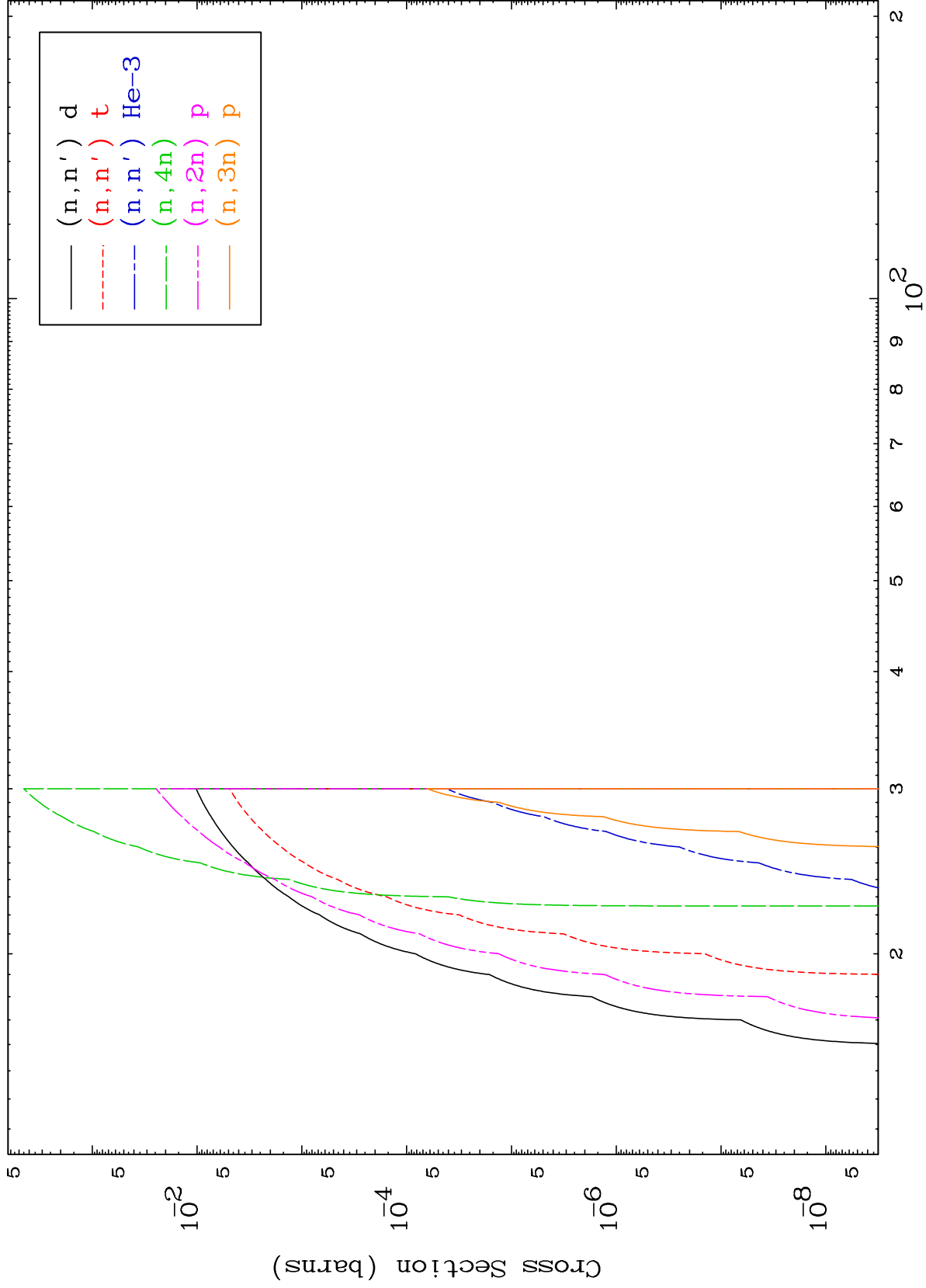
56-Ba-137



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Incident Energy (MeV)

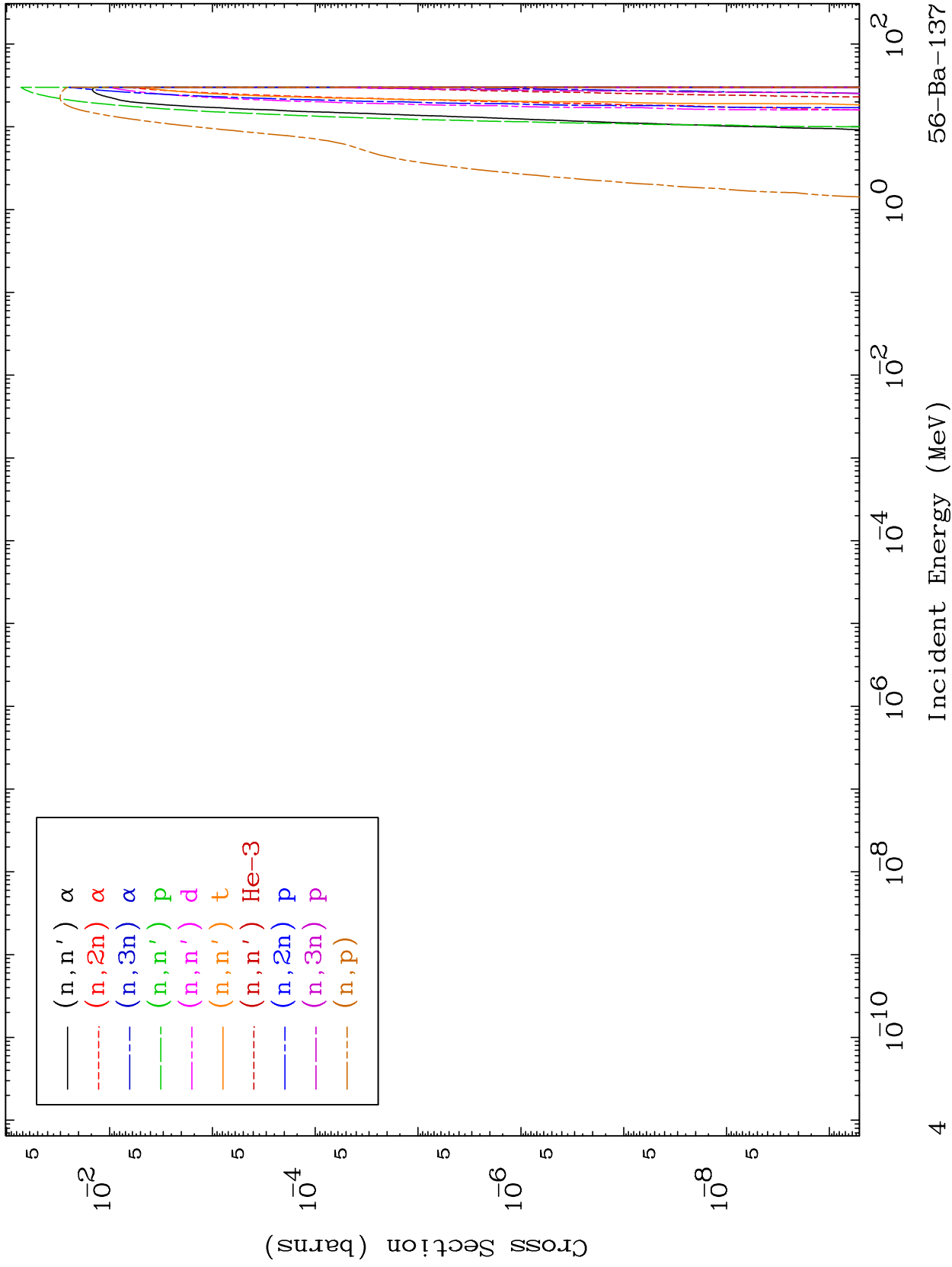
56-Ba-137



MAT 5647

Charged Particle
293 Kelvin Cross Sections

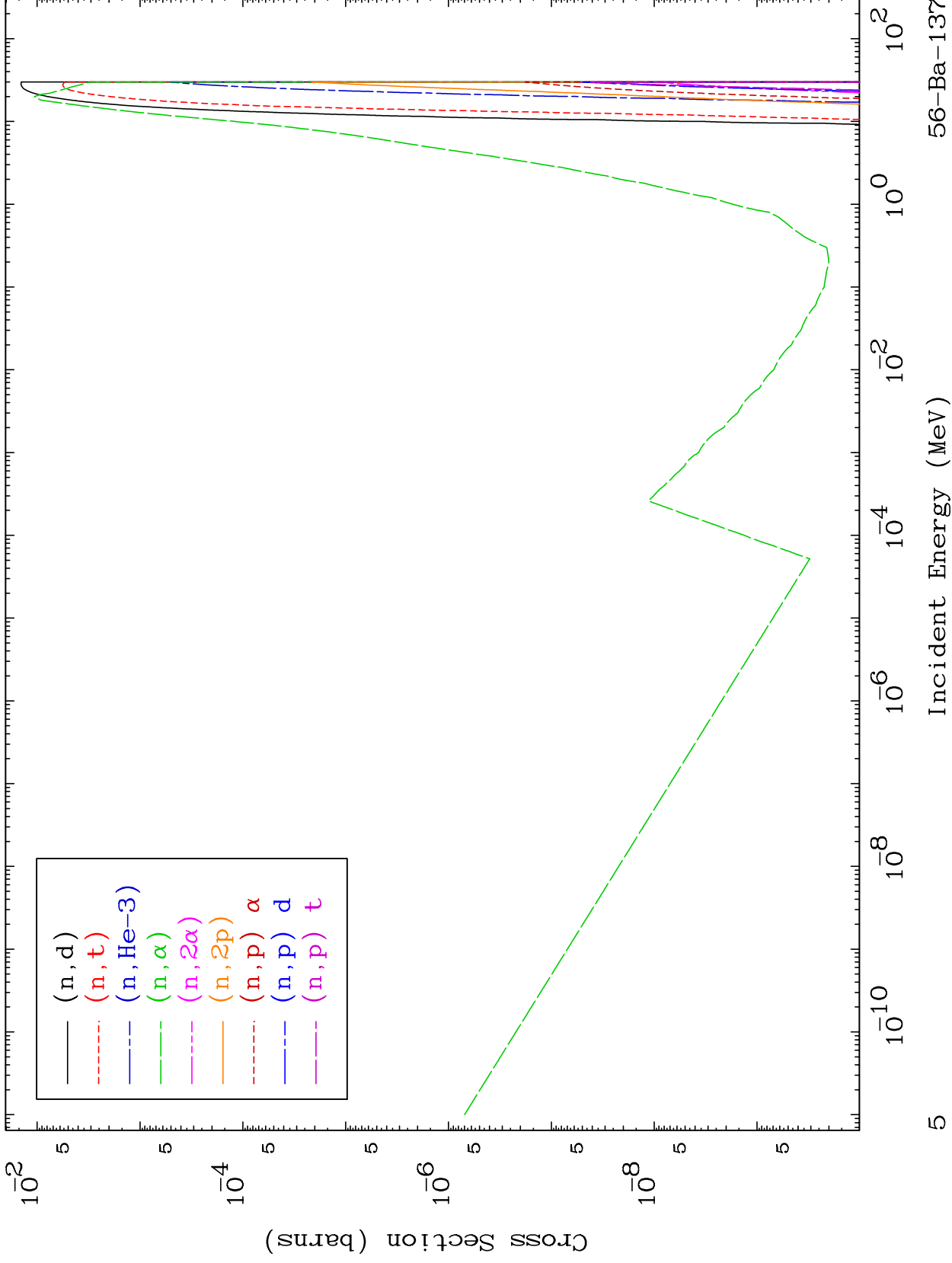
56-Ba-137



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Charged Particle
293 Kelvin Cross Sections

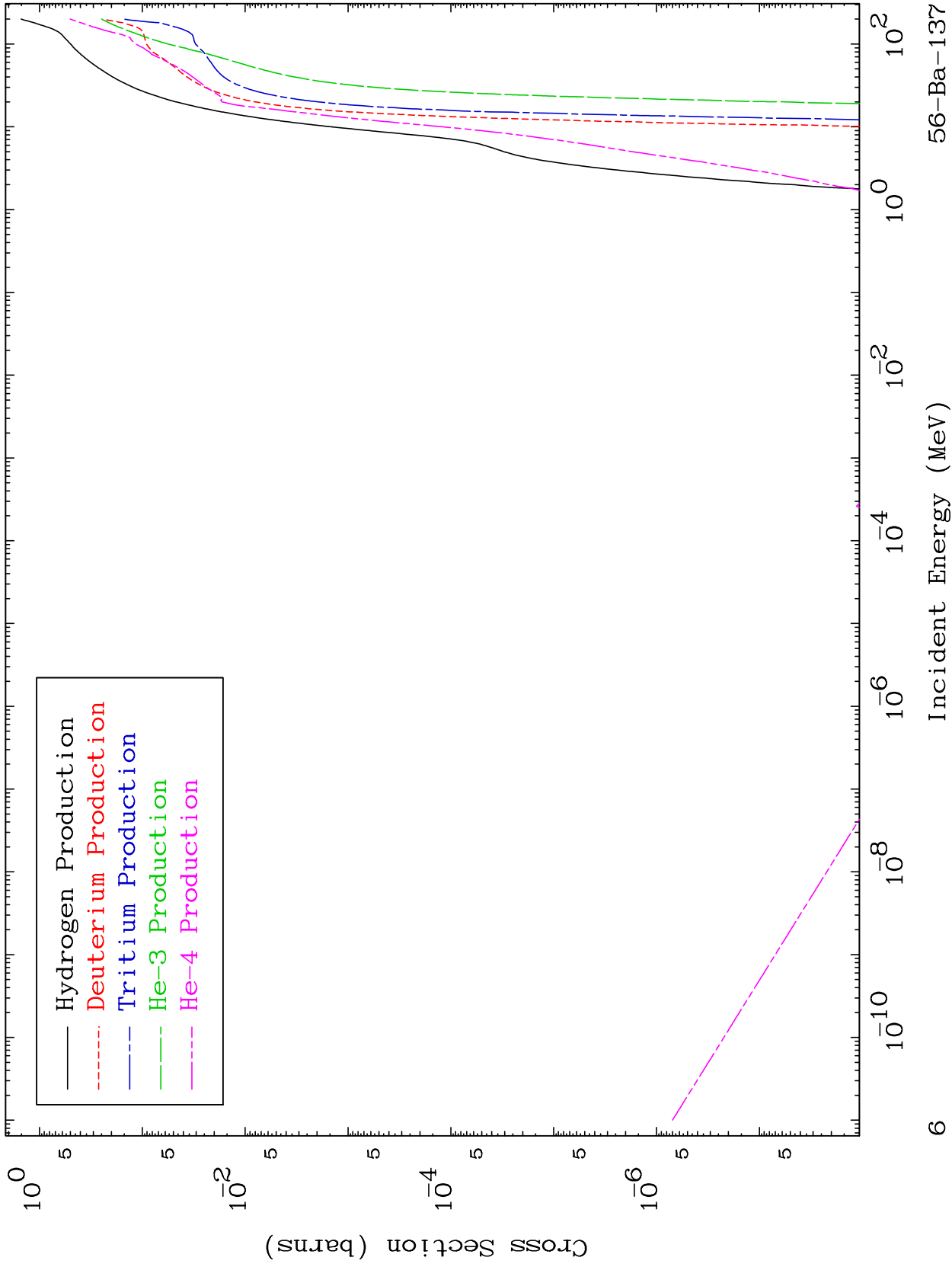
56-Ba-137



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Particle Production
293 Kelvin Cross Sections

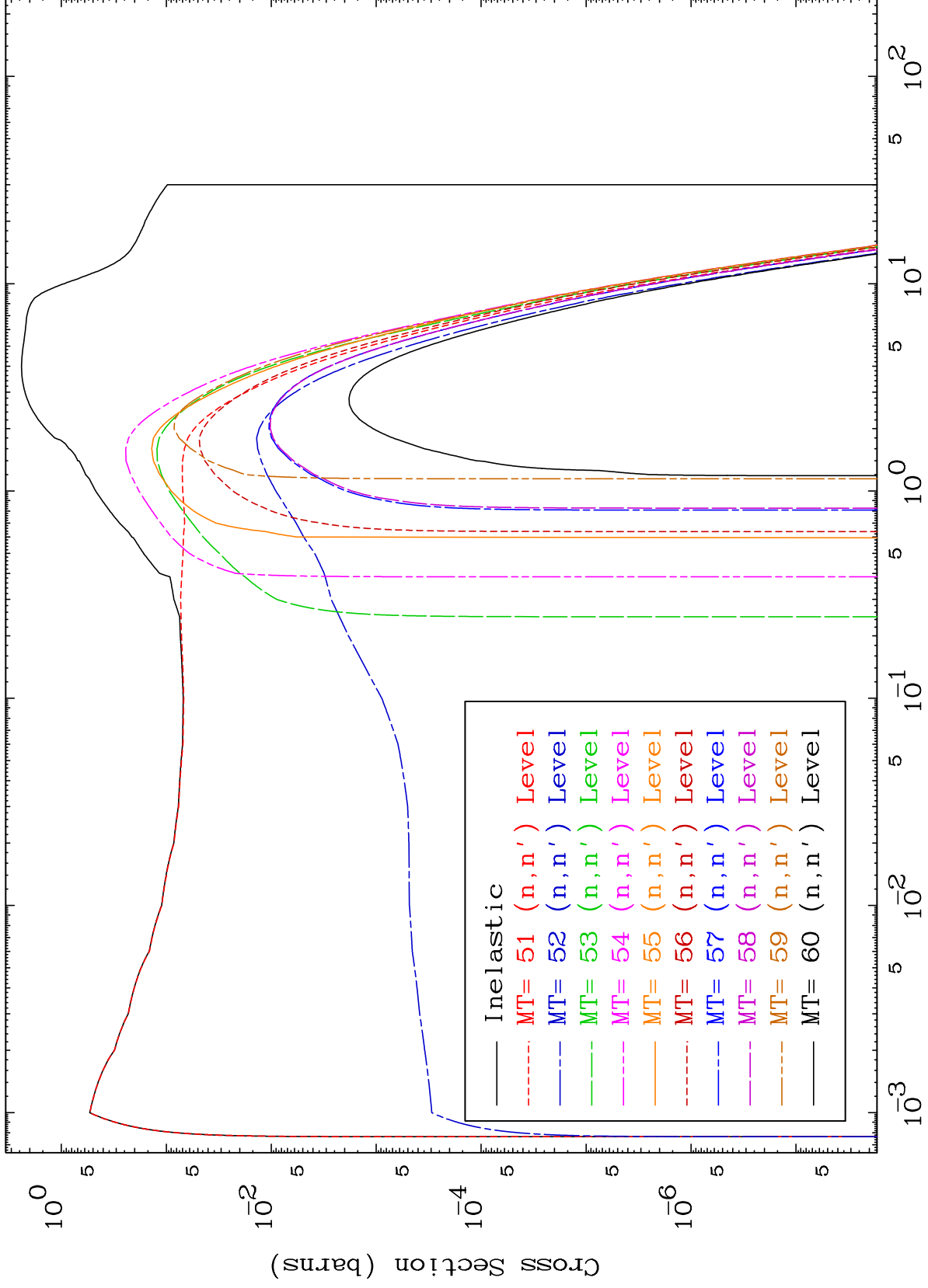
56-Ba-137



MAT 5647

(n,n') Level
293 Kelvin Cross Sections

56-Ba-137

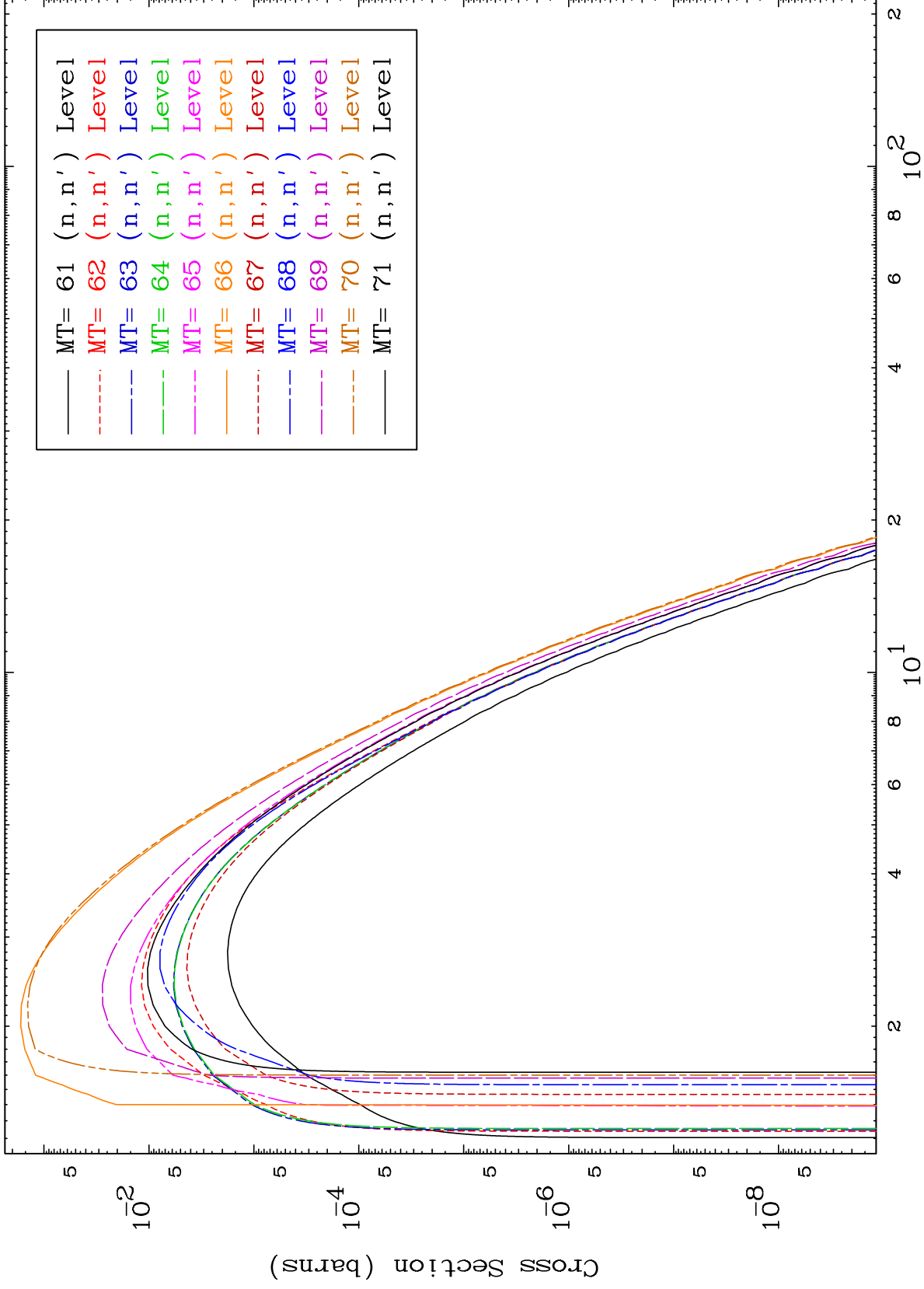


MAT 5647

(n,n') Level

56-Ba-137

293 Kelvin Cross Sections



8

Incident Energy (MeV)

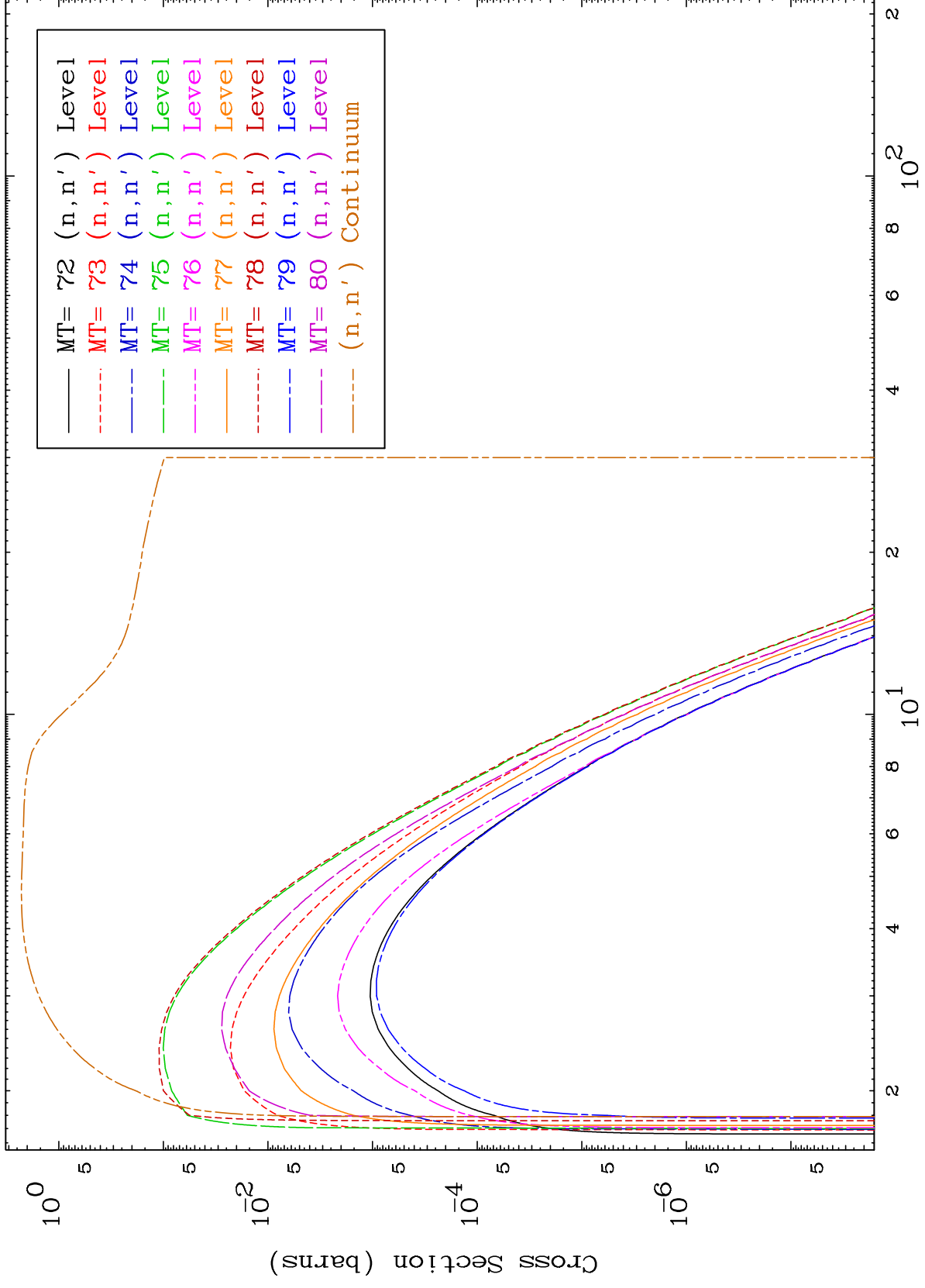
56-Ba-137

MAT 5647

(n,n') Level

293 Kelvin Cross Sections

56-Ba-137



9

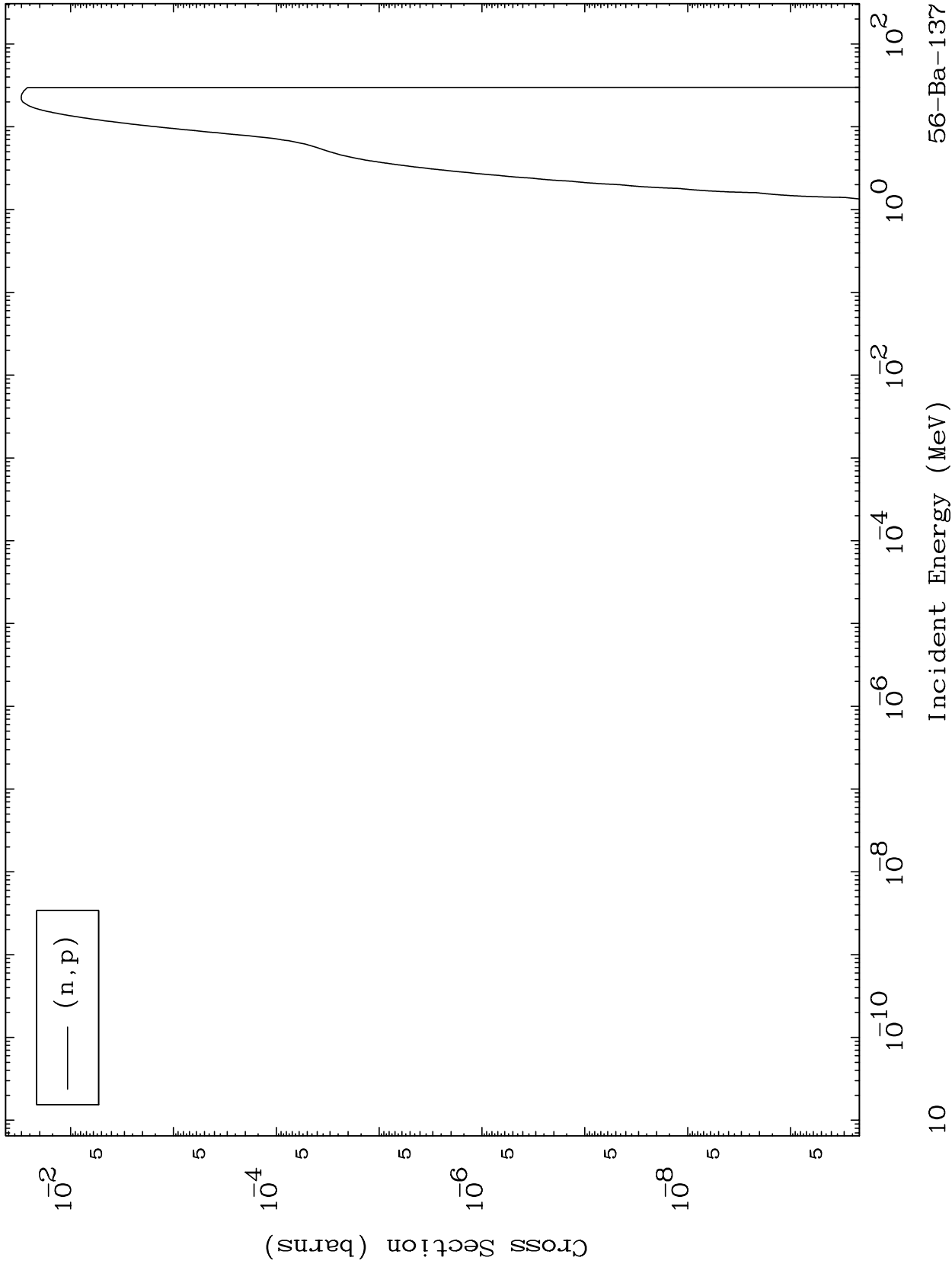
Incident Energy (MeV)

56-Ba-137

MAT 5647

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-137



10

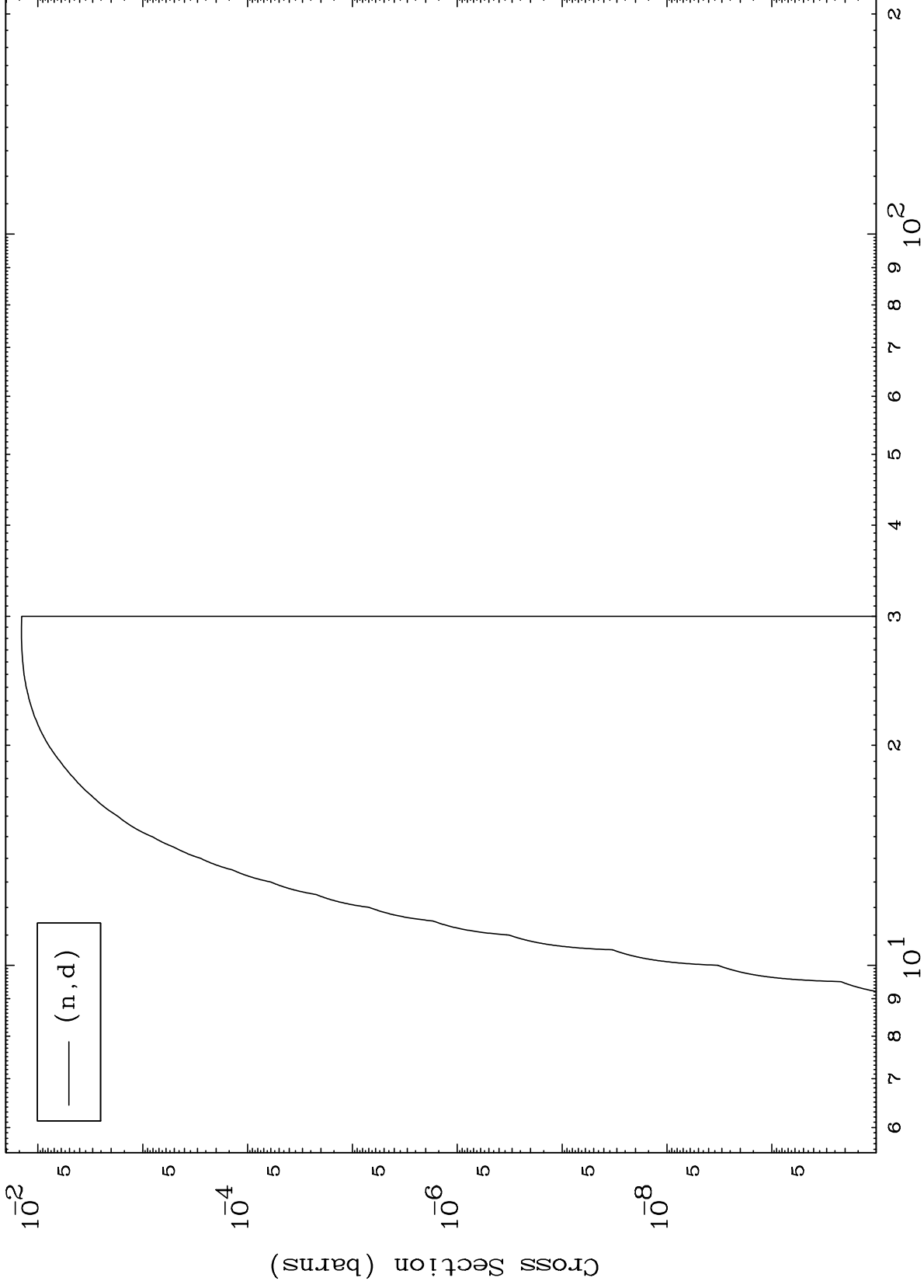
Incident Energy (MeV)

56-Ba-137

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(n,d) Levels
293 Kelvin Cross Sections

56-Ba-137



11

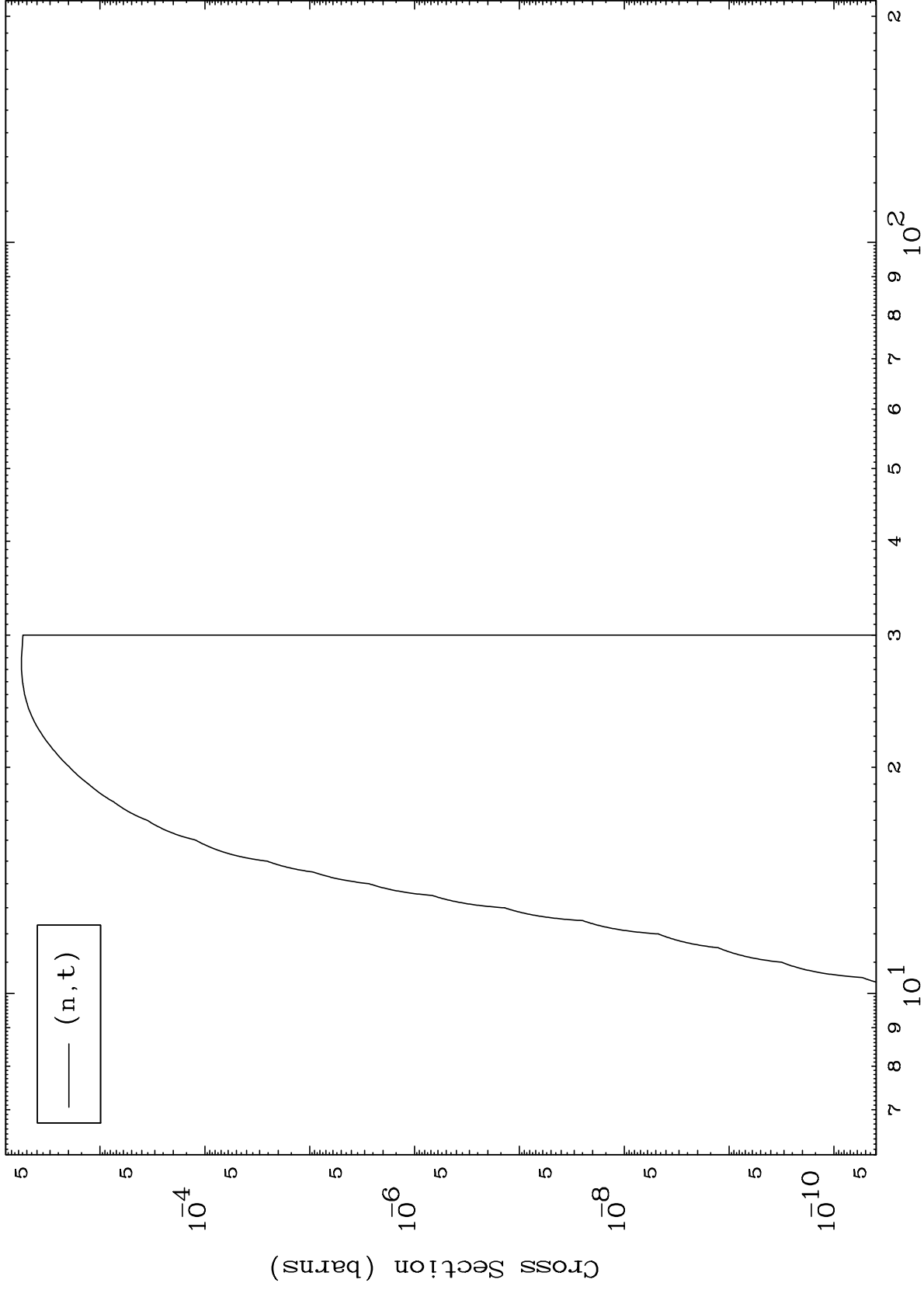
Incident Energy (MeV)

56-Ba-137

MAT 5647

(n, t) Levels
293 Kelvin Cross Sections

56-Ba-137



12

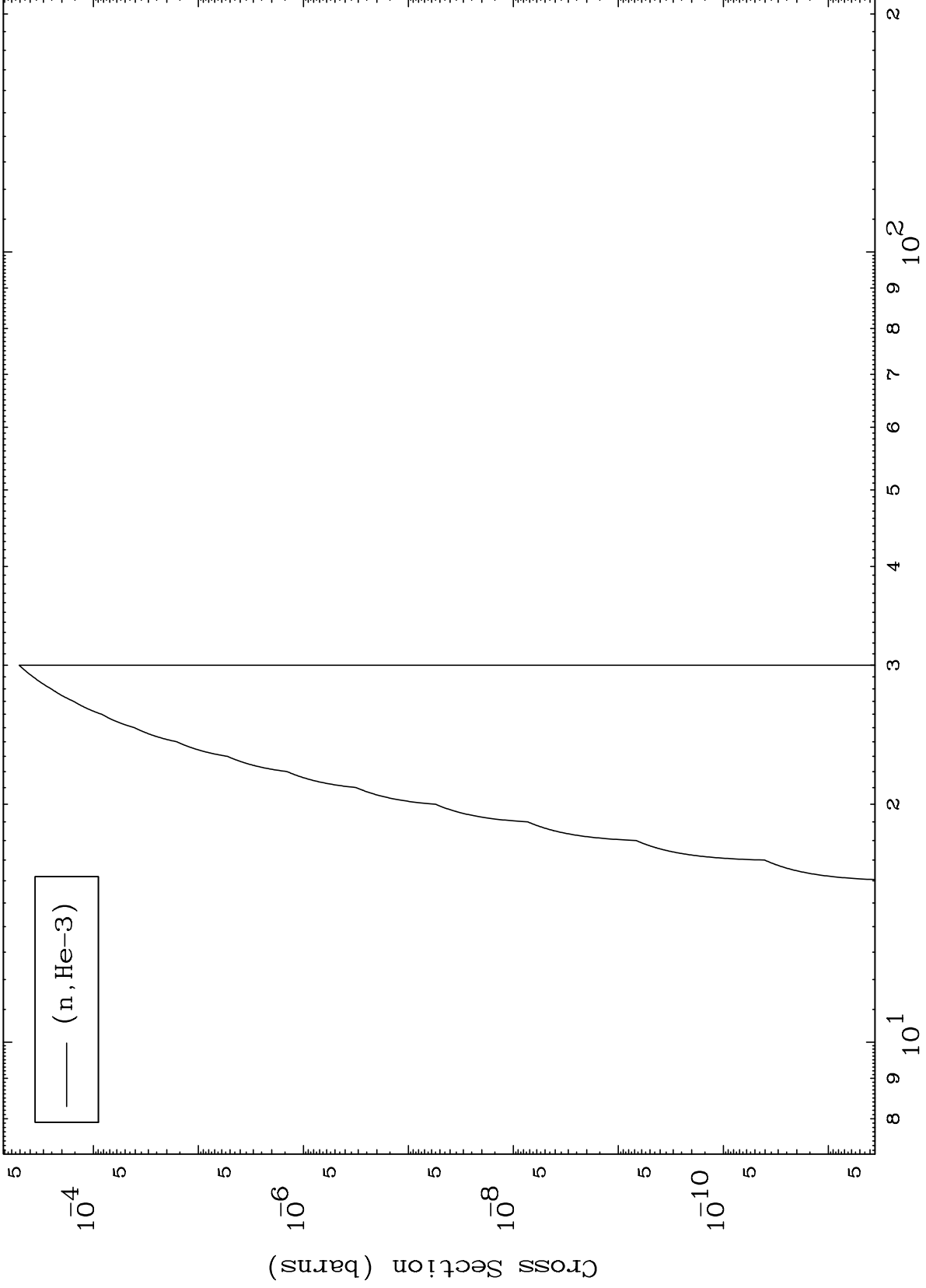
Incident Energy (MeV)

56-Ba-137

MAT 5647

(n,He3) Levels
293 Kelvin Cross Sections

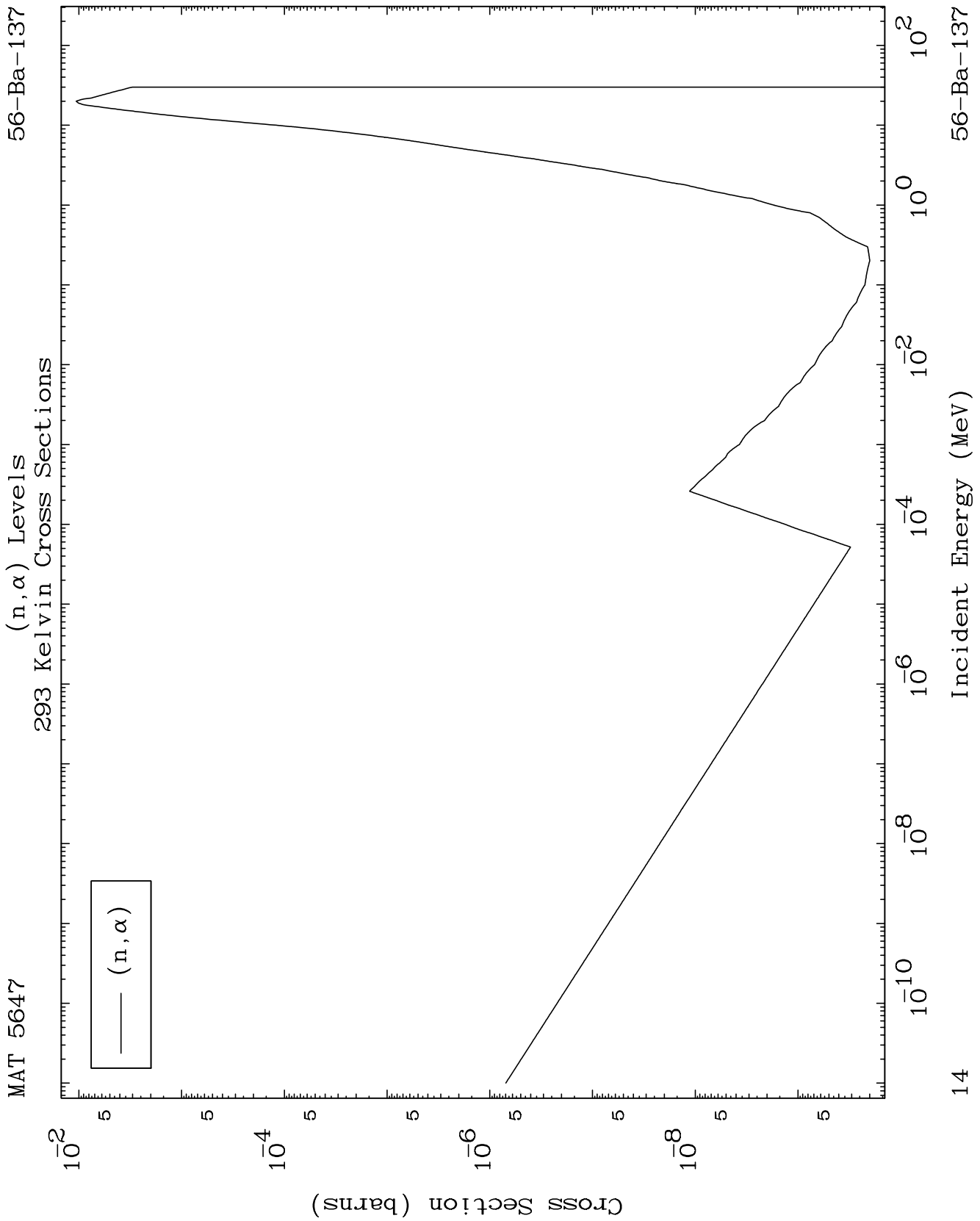
56-Ba-137

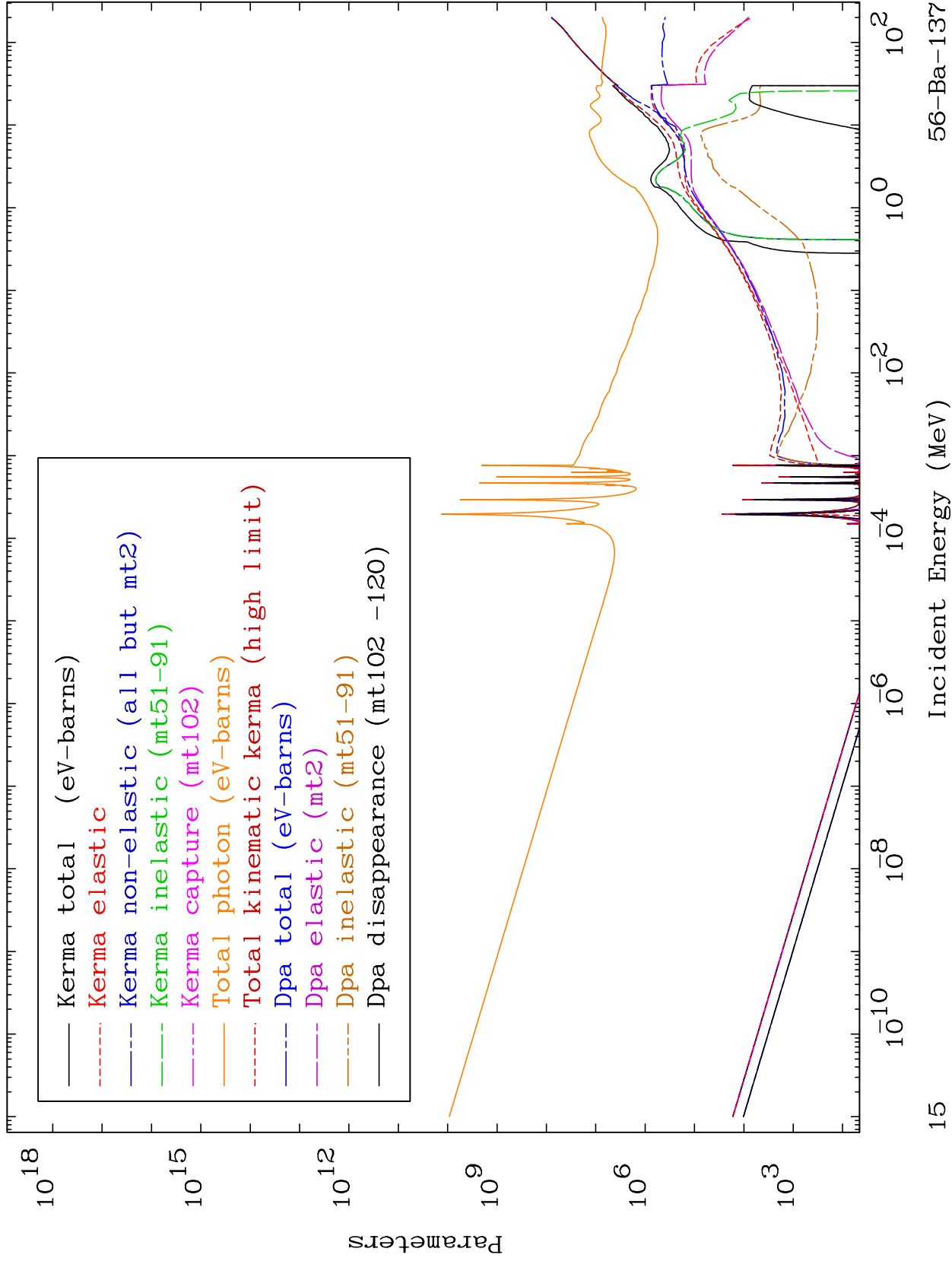


13

Incident Energy (MeV)

56-Ba-137

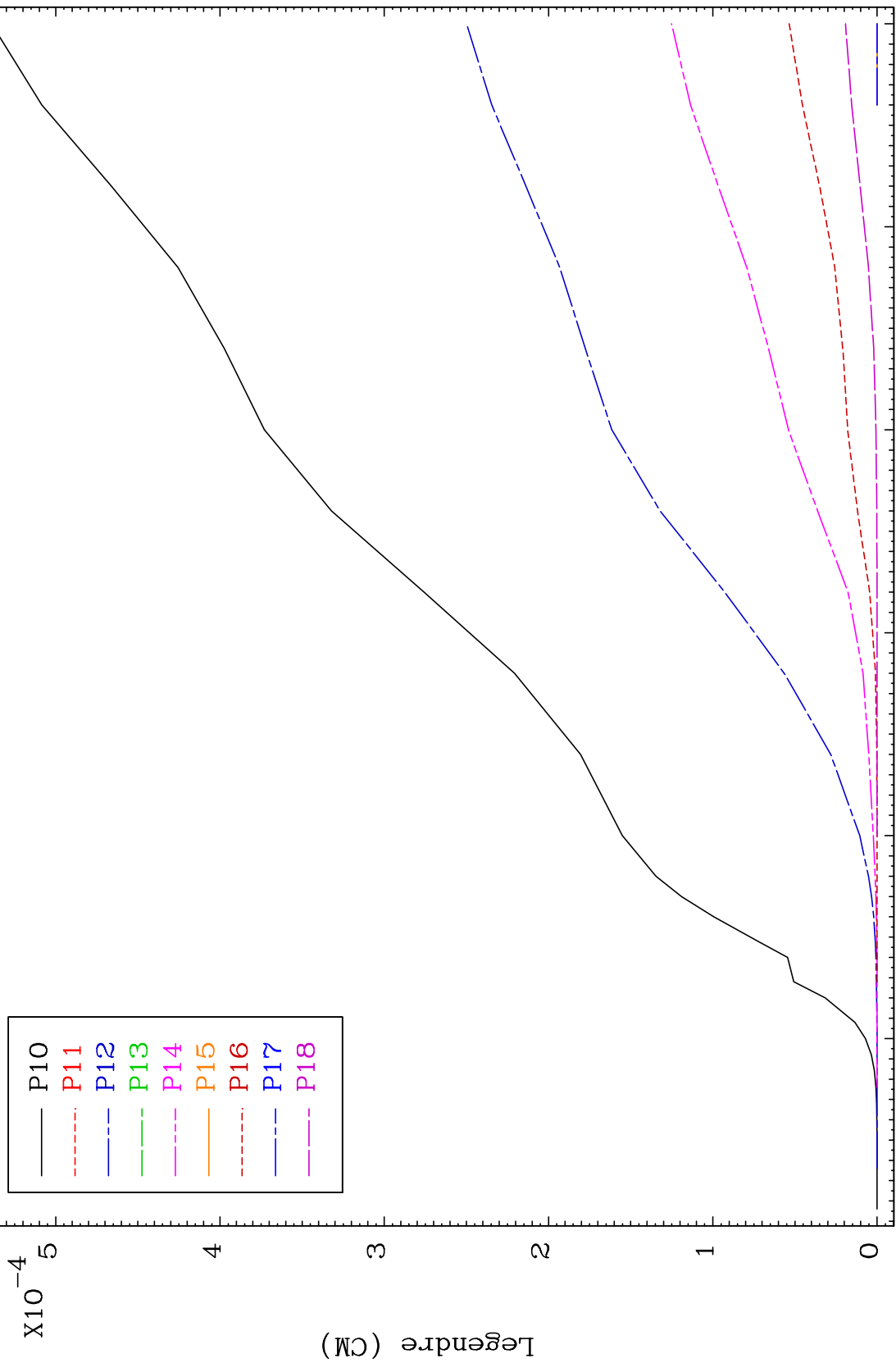
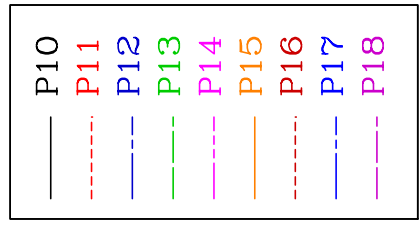




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Elastic Legendre Coefficients

56-Ba-137



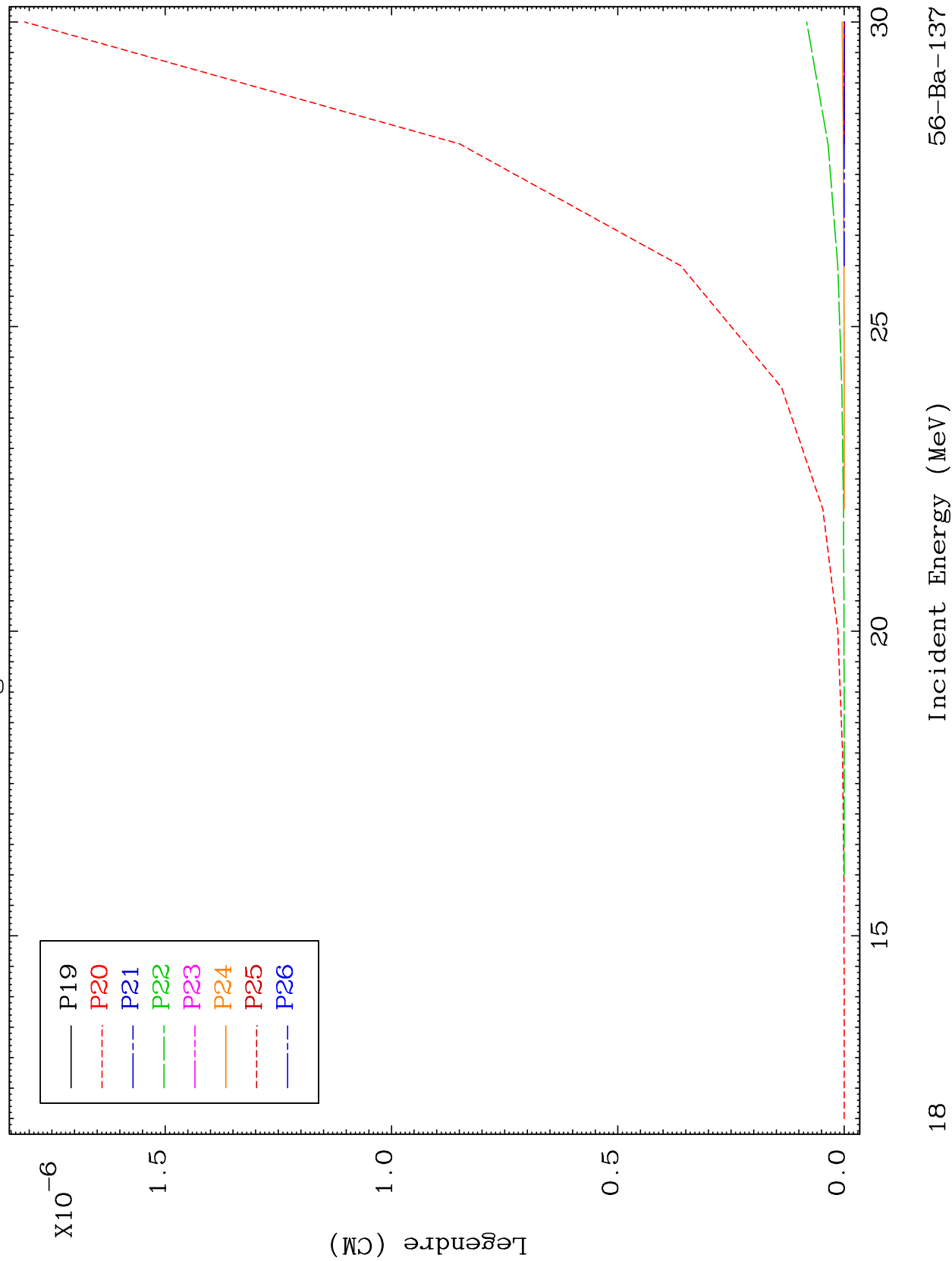
17

56-Ba-137

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Elastic Legendre Coefficients

56-Ba-137



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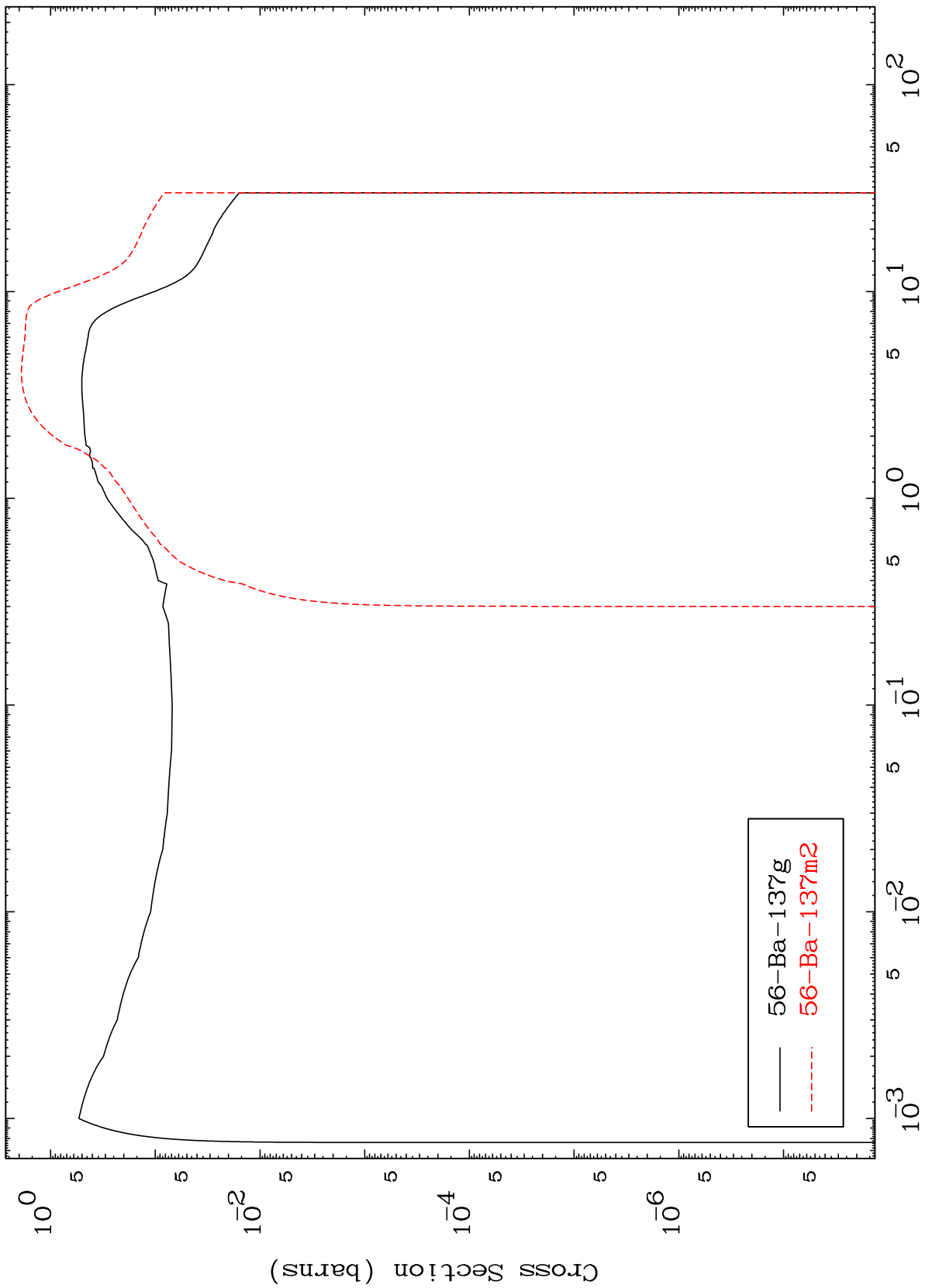
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Inelastic
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

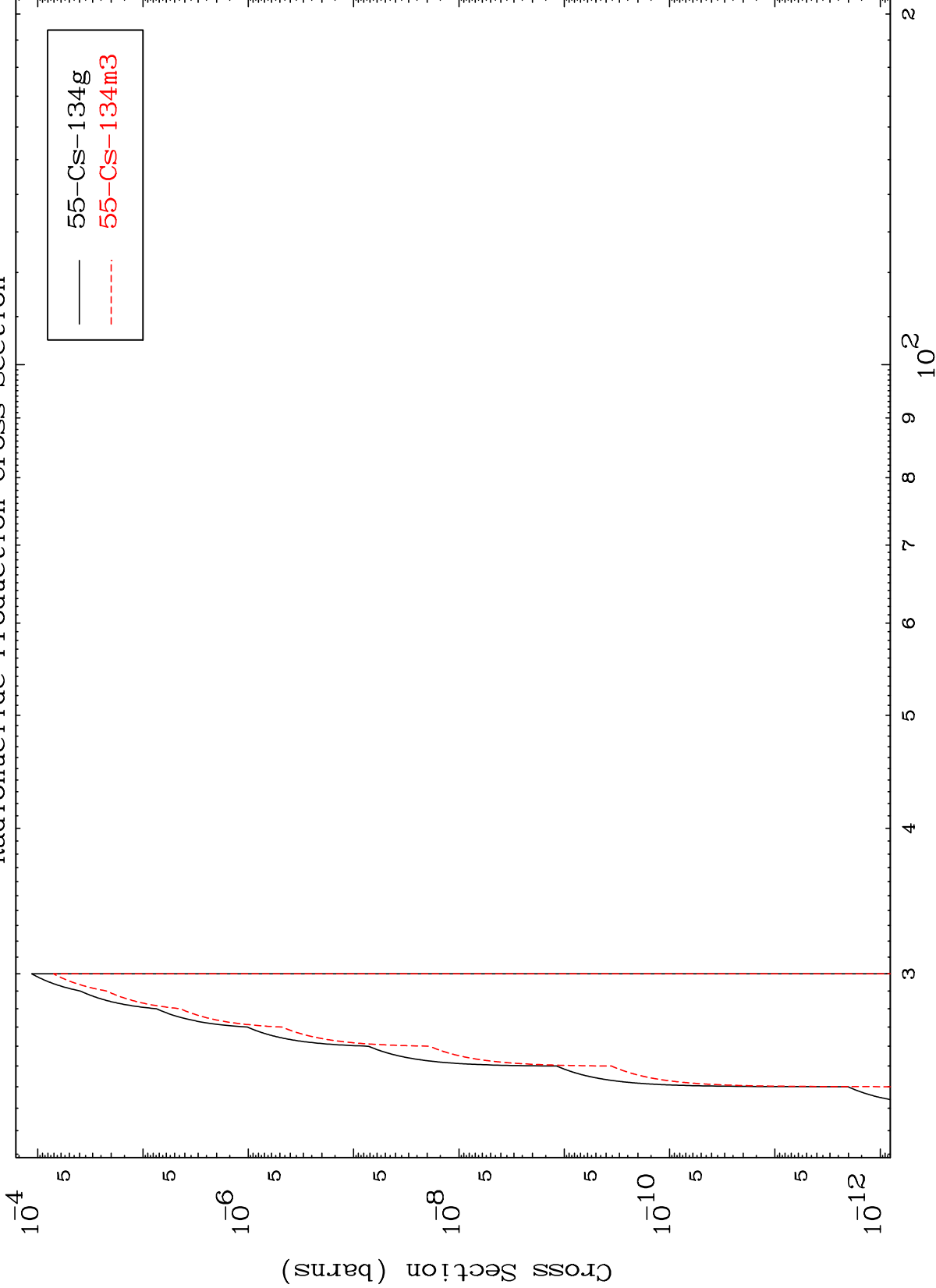
19

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(n,2n) d

56-Ba-137

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

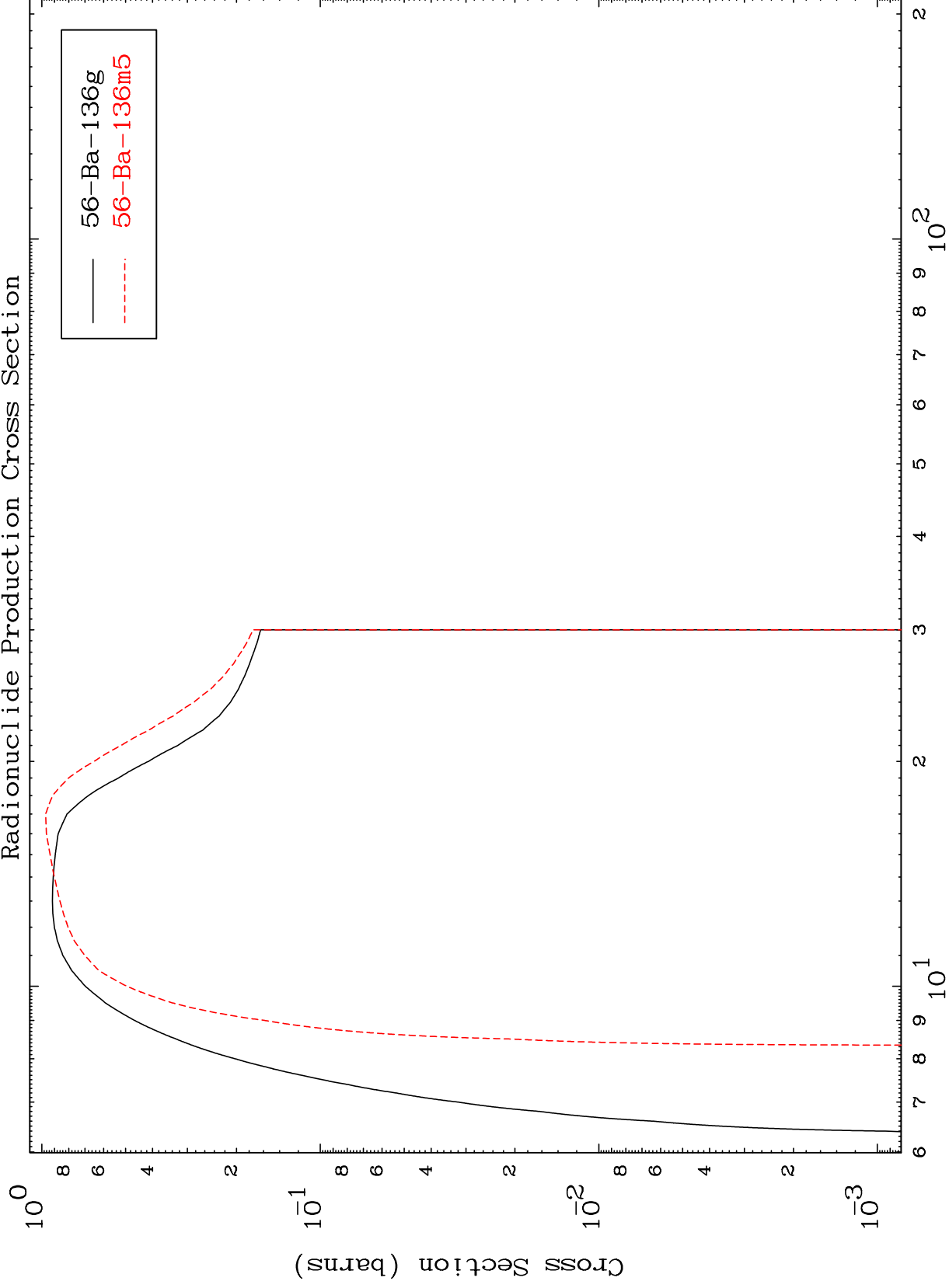
56-Ba-137

MAT 5647

(n,2n)

56-Ba-137

Radionuclide Production Cross Section



21

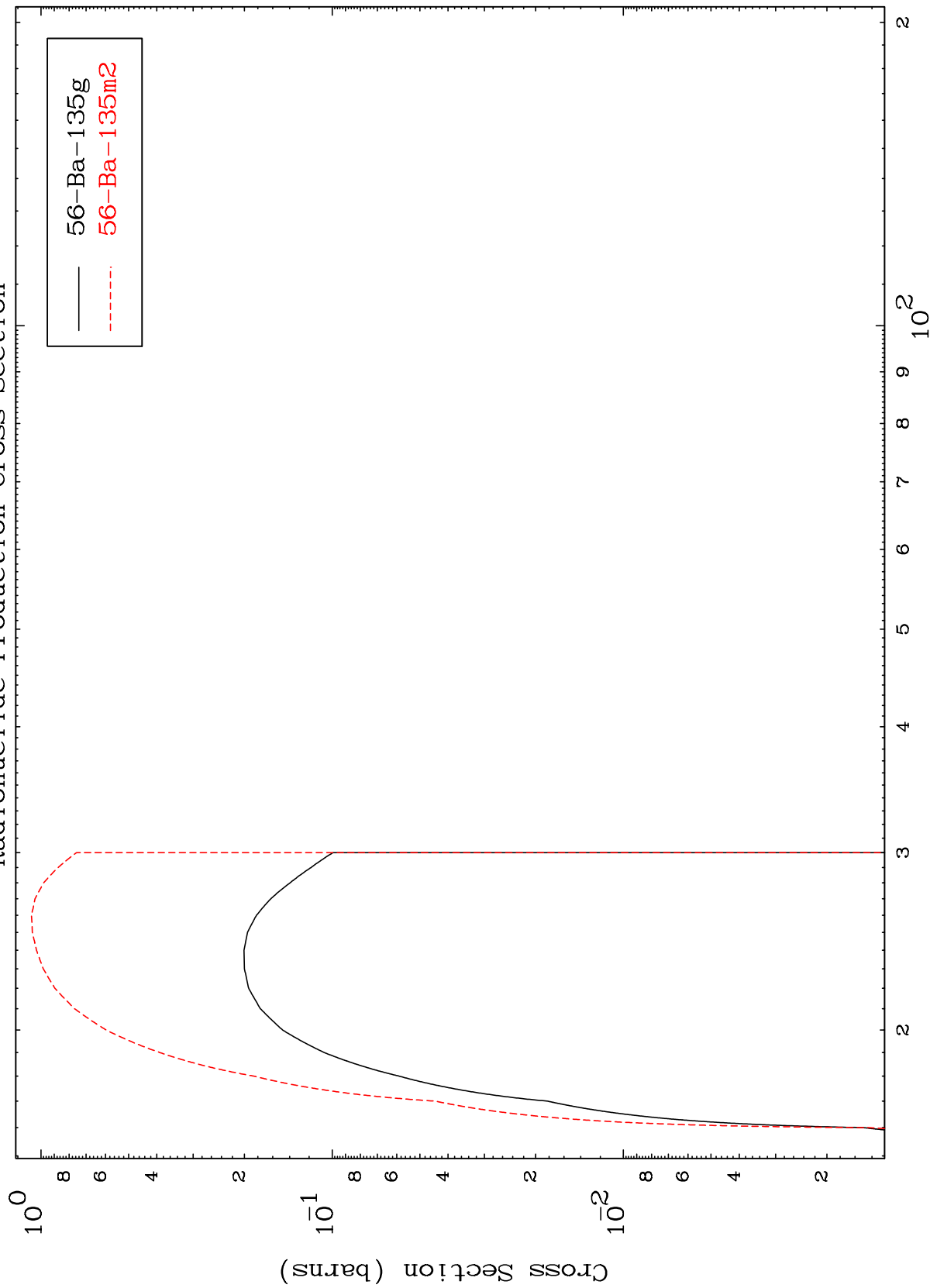
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n,3n)
Radionuclide Production Cross Section

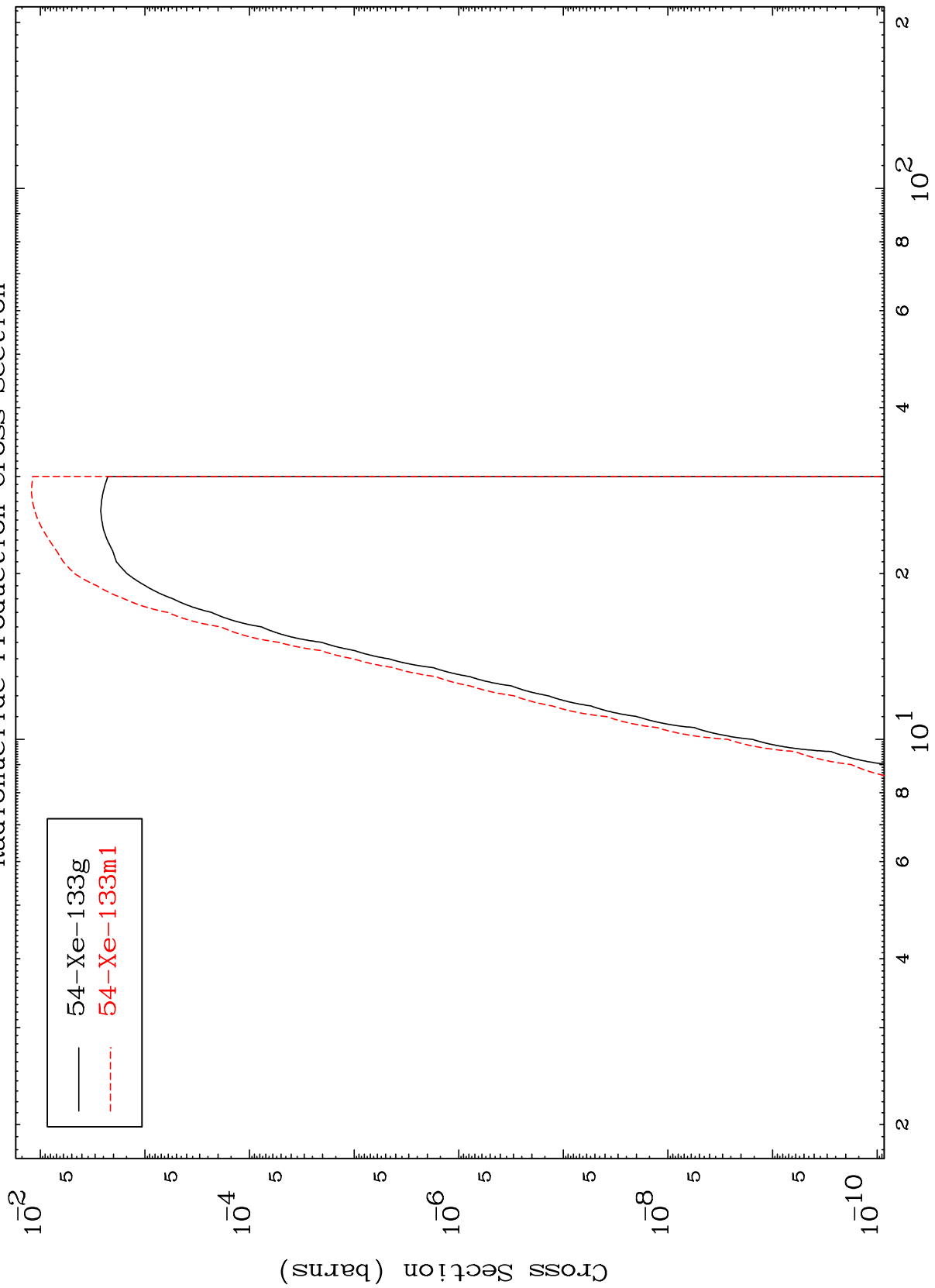


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(n,n') α

56-Ba-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

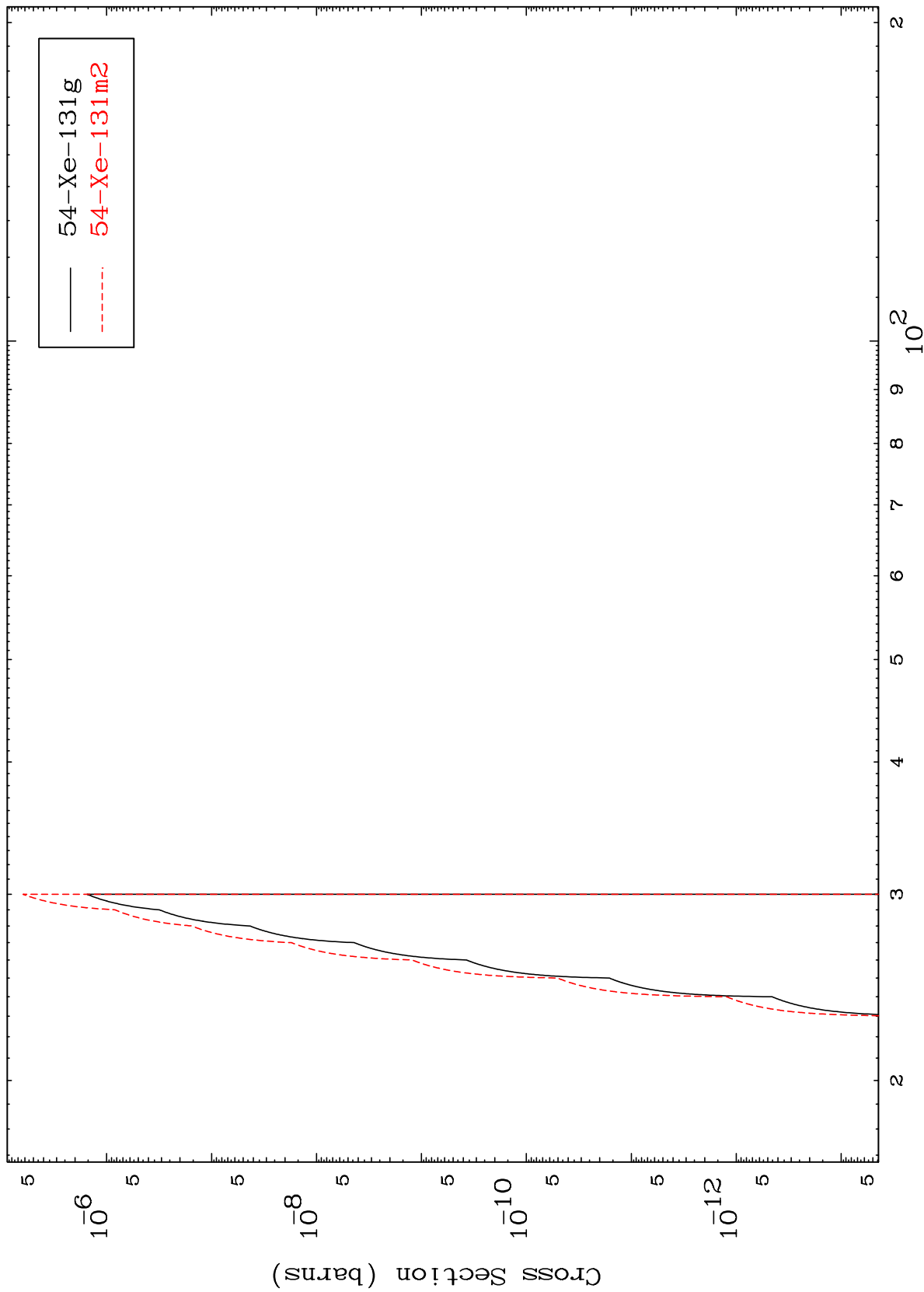
56-Ba-137

MAT 5647

(n,3n) α

56-Ba-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

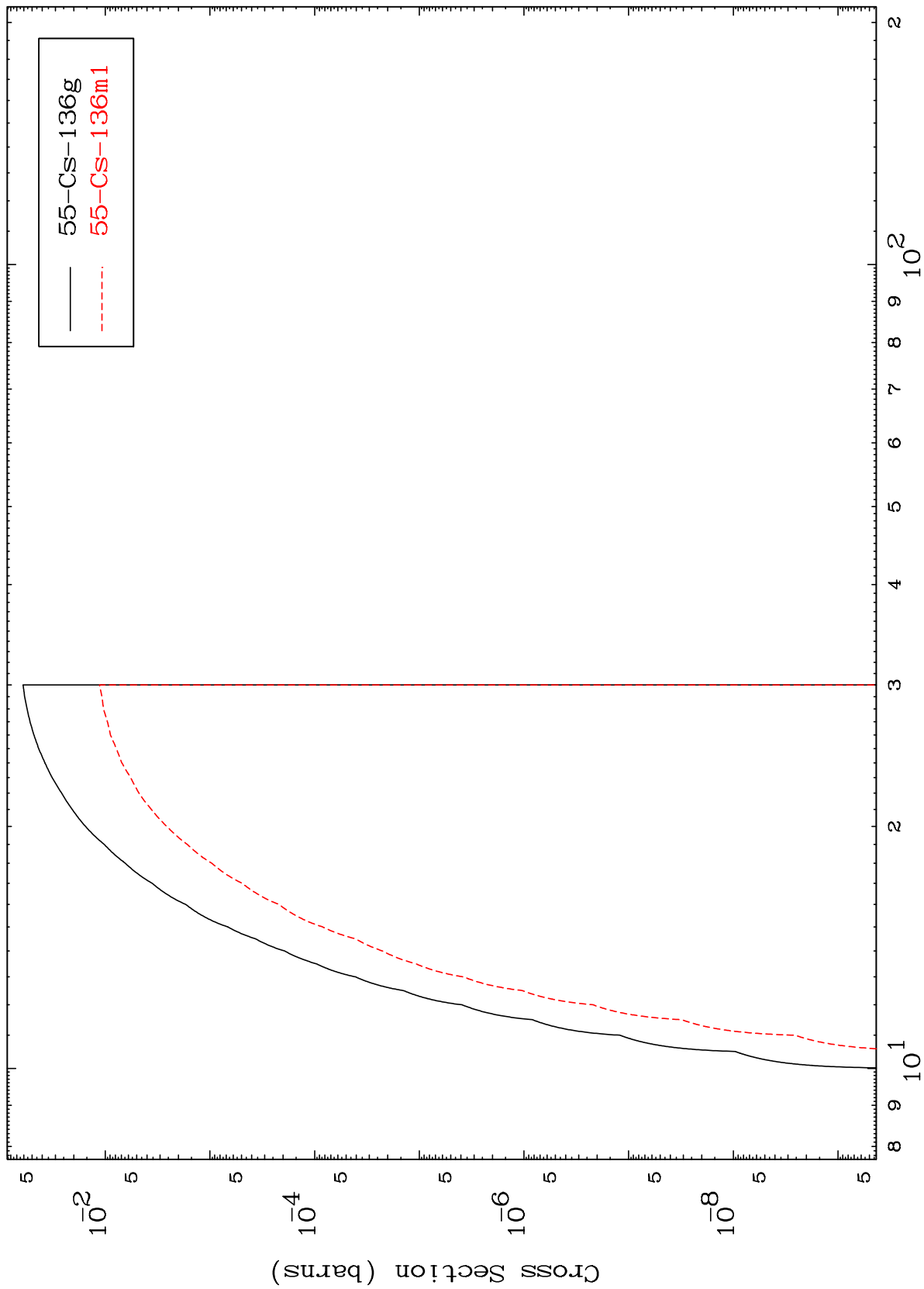
56-Ba-137

MAT 5647

(n,n') p

56-Ba-137

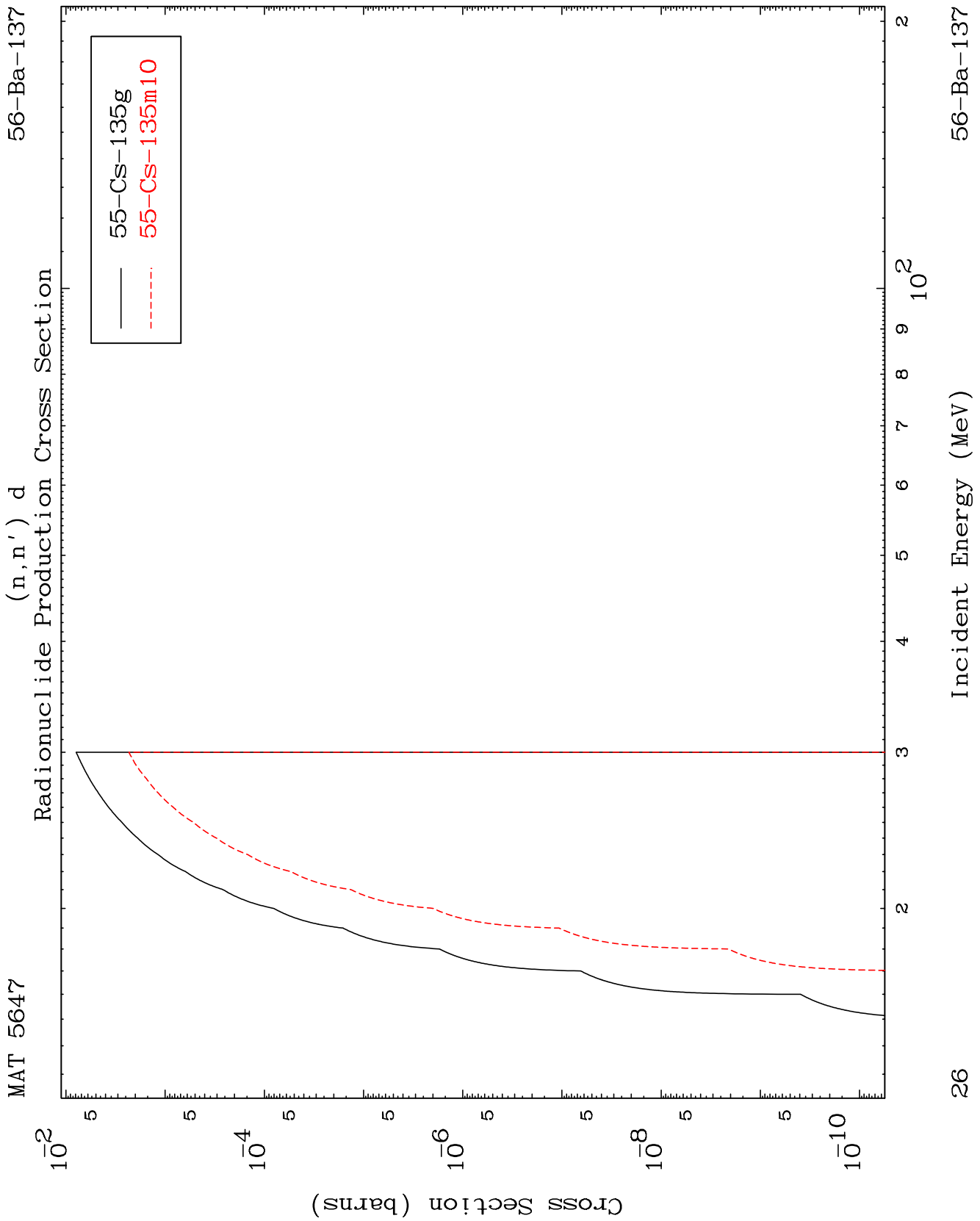
Radionuclide Production Cross Section



25

Incident Energy (MeV)

56-Ba-137

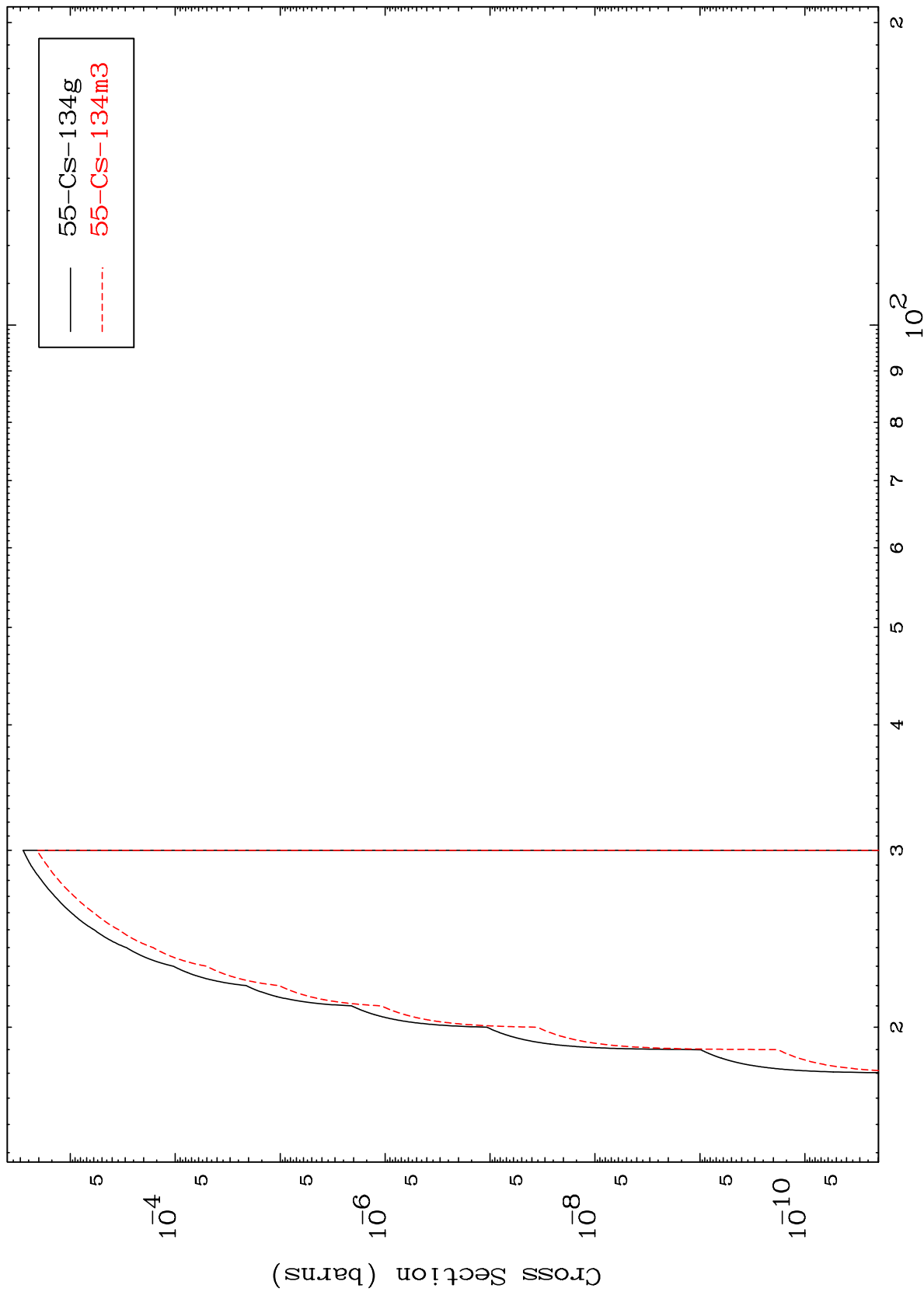


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(n,n') t

56-Ba-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

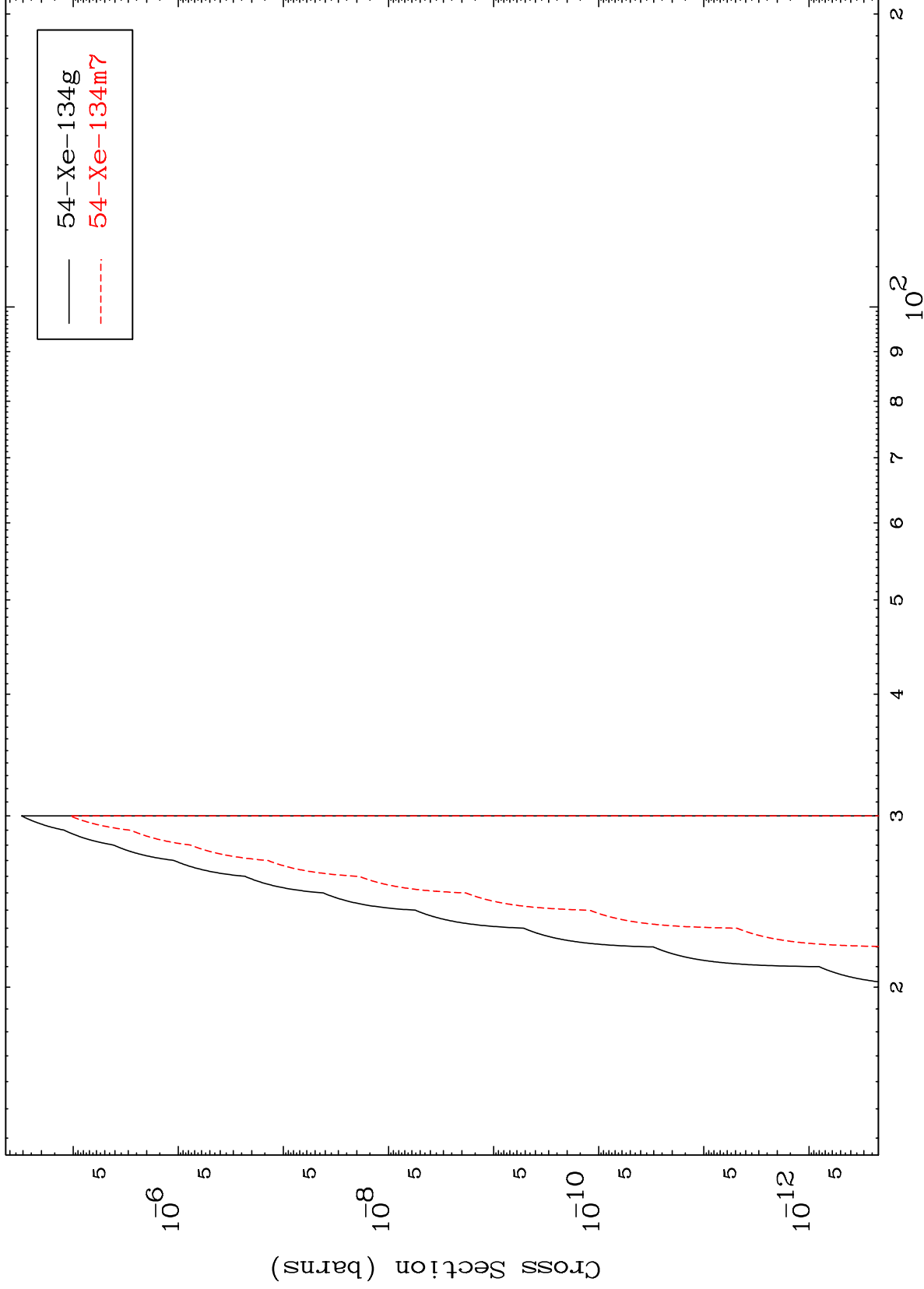
56-Ba-137

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(n,n') He-3

56-Ba-137

Radionuclide Production Cross Section



28

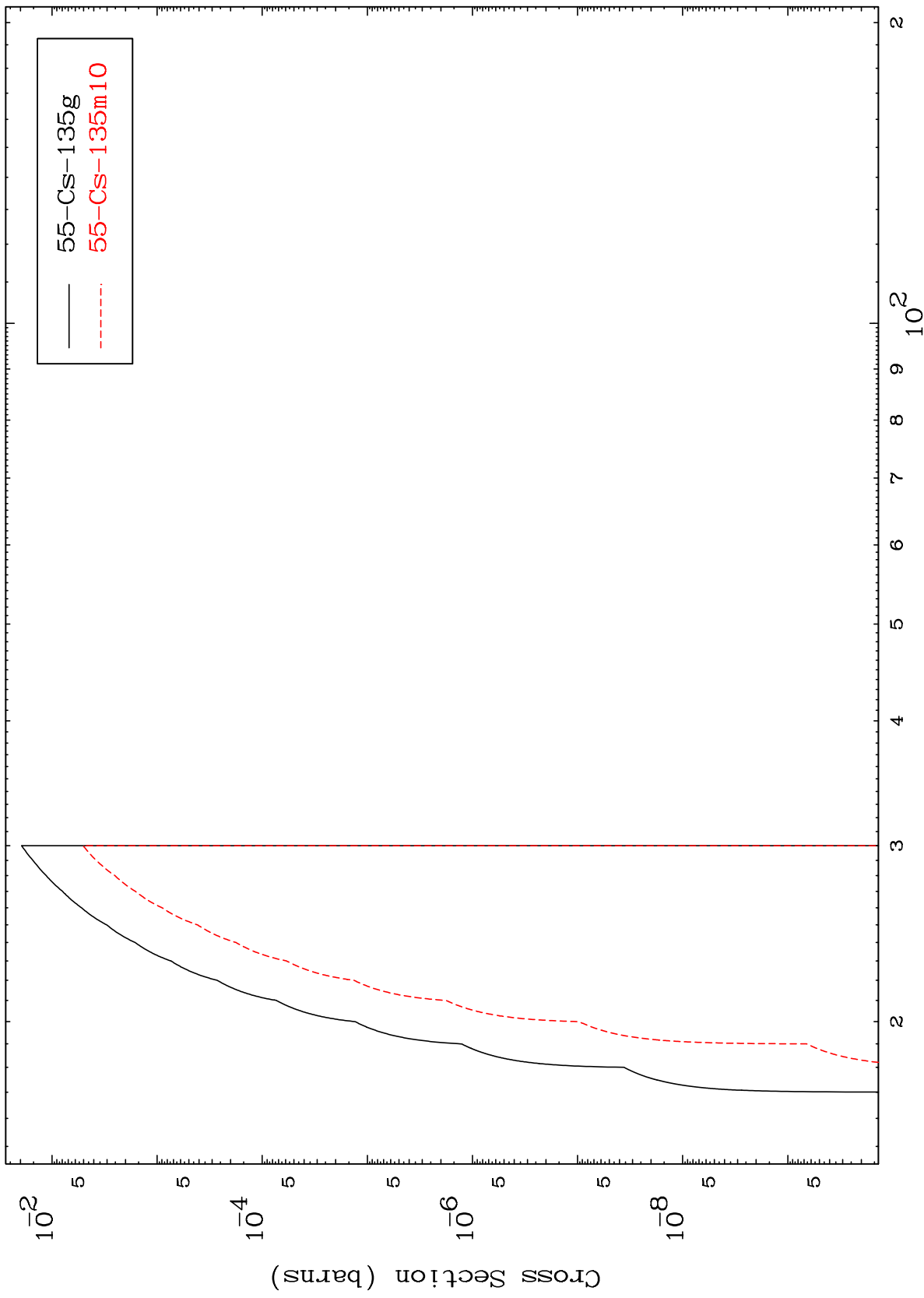
Incident Energy (MeV)

56-Ba-137

MAT 5647

56-Ba-137

(n,2n) p
Radionuclide Production Cross Section



29

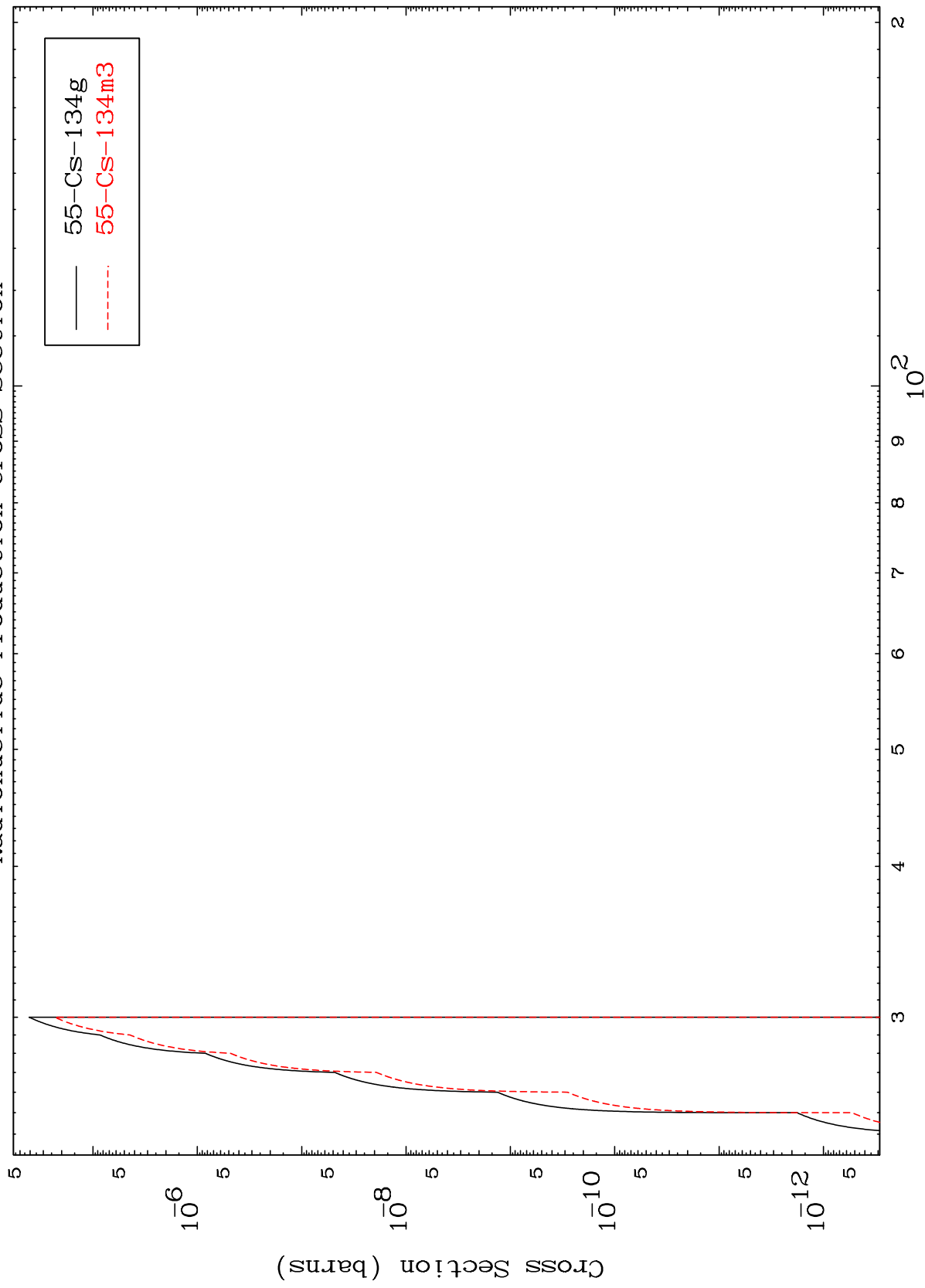
56-Ba-137

Incident Energy (MeV)

MAT 5647

56-Ba-137

(n,3n) p
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

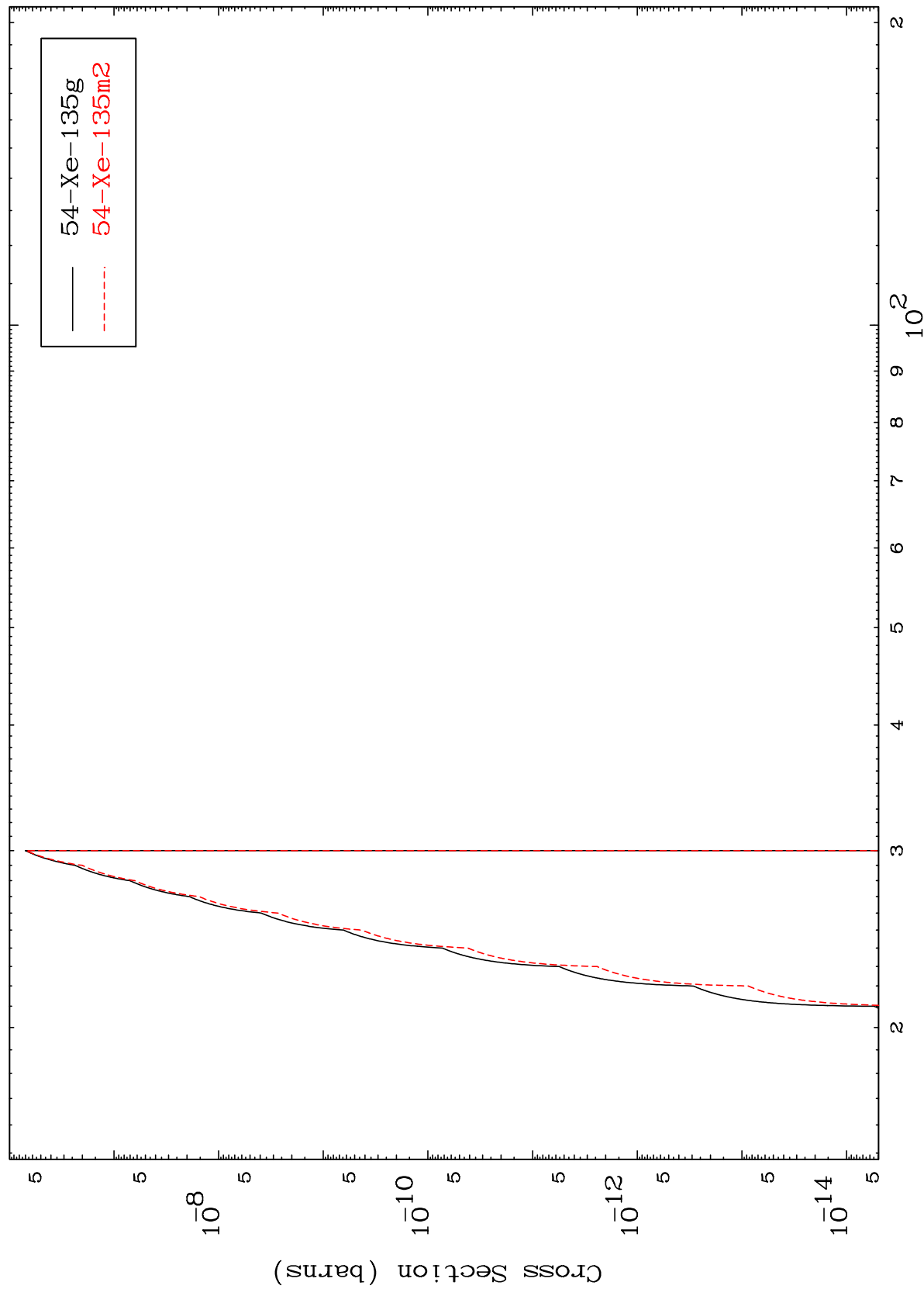
30

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(n,2n) p

56-Ba-137

Radionuclide Production Cross Section



31

Incident Energy (MeV)

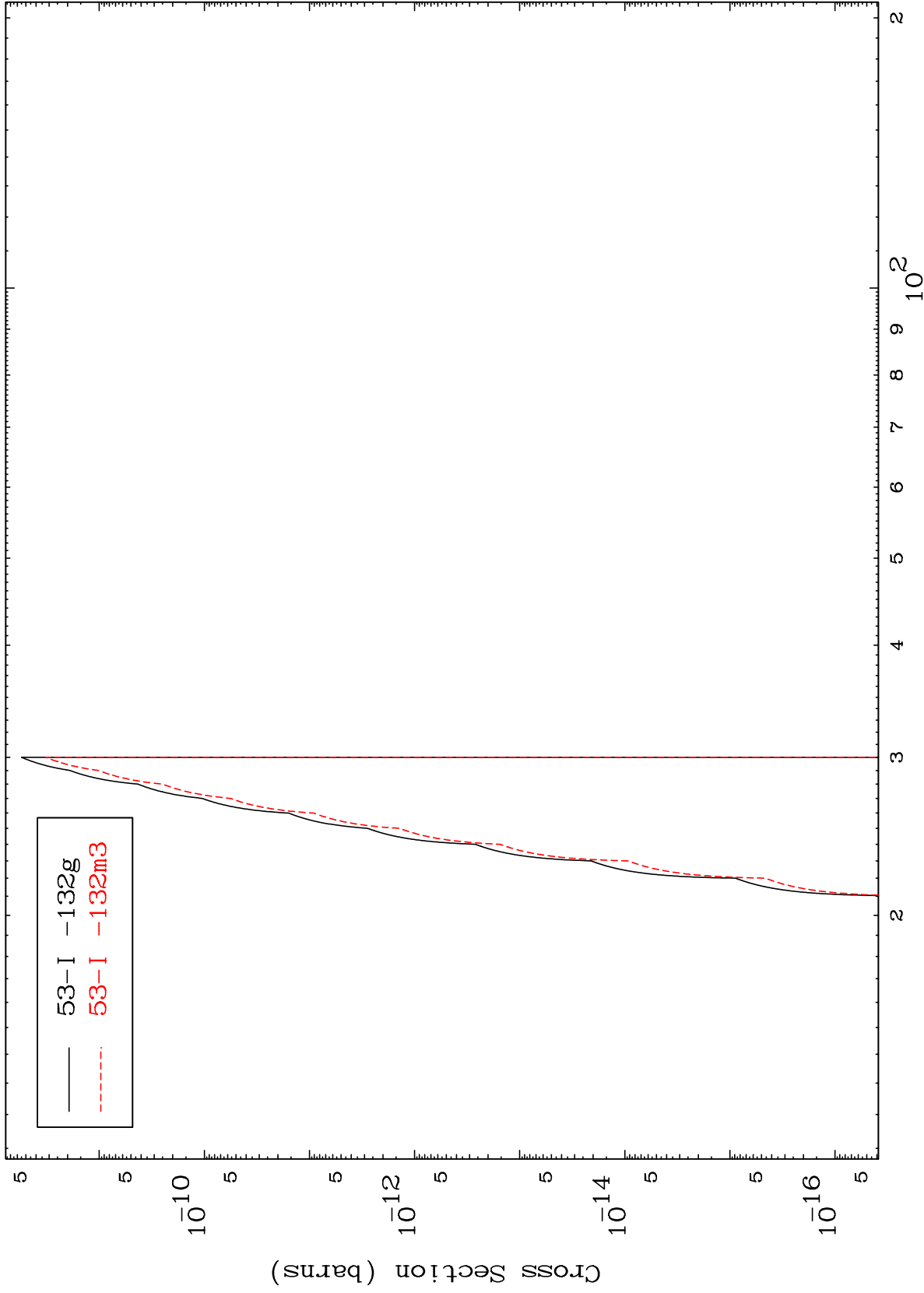
56-Ba-137

MAT 5647

(n,n') p α

56-Ba-137

Radionuclide Production Cross Section



32

Incident Energy (MeV)

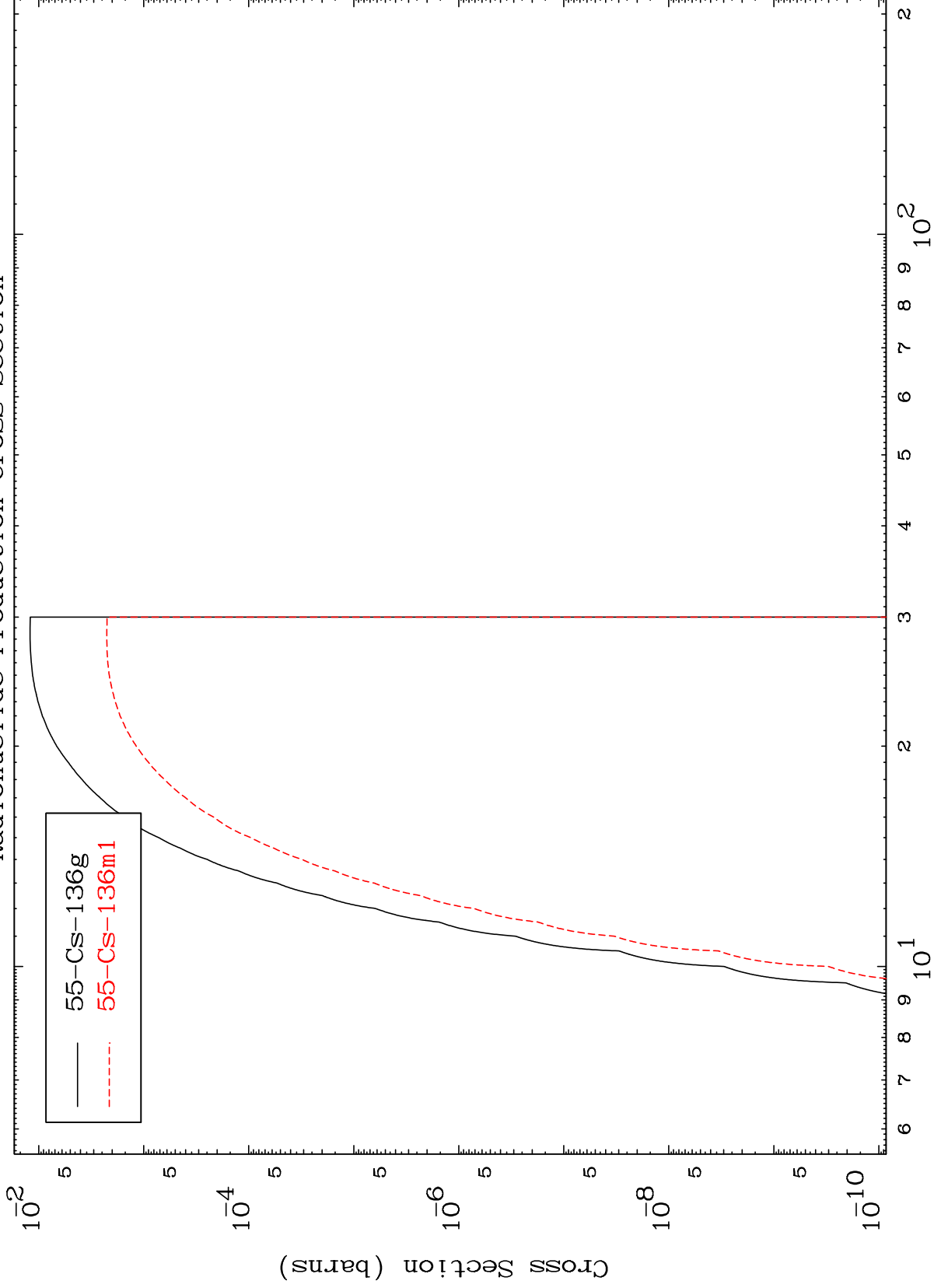
56-Ba-137

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(n,d)

56-Ba-137

Radionuclide Production Cross Section



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

Incident Energy (MeV)

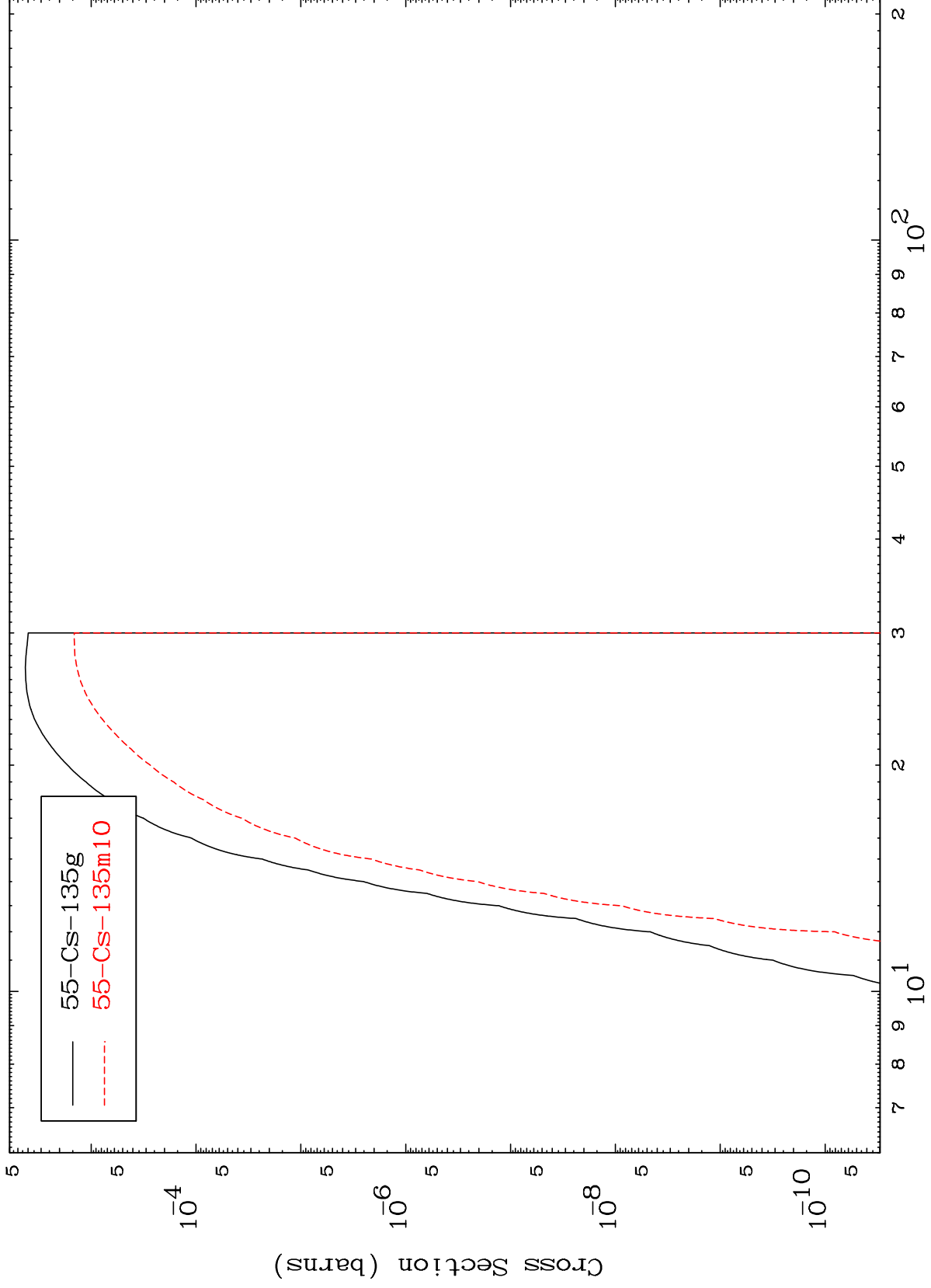
56-Ba-137

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56-Ba-137

(n,t)
Radionuclide Production Cross Section



56-Ba-137

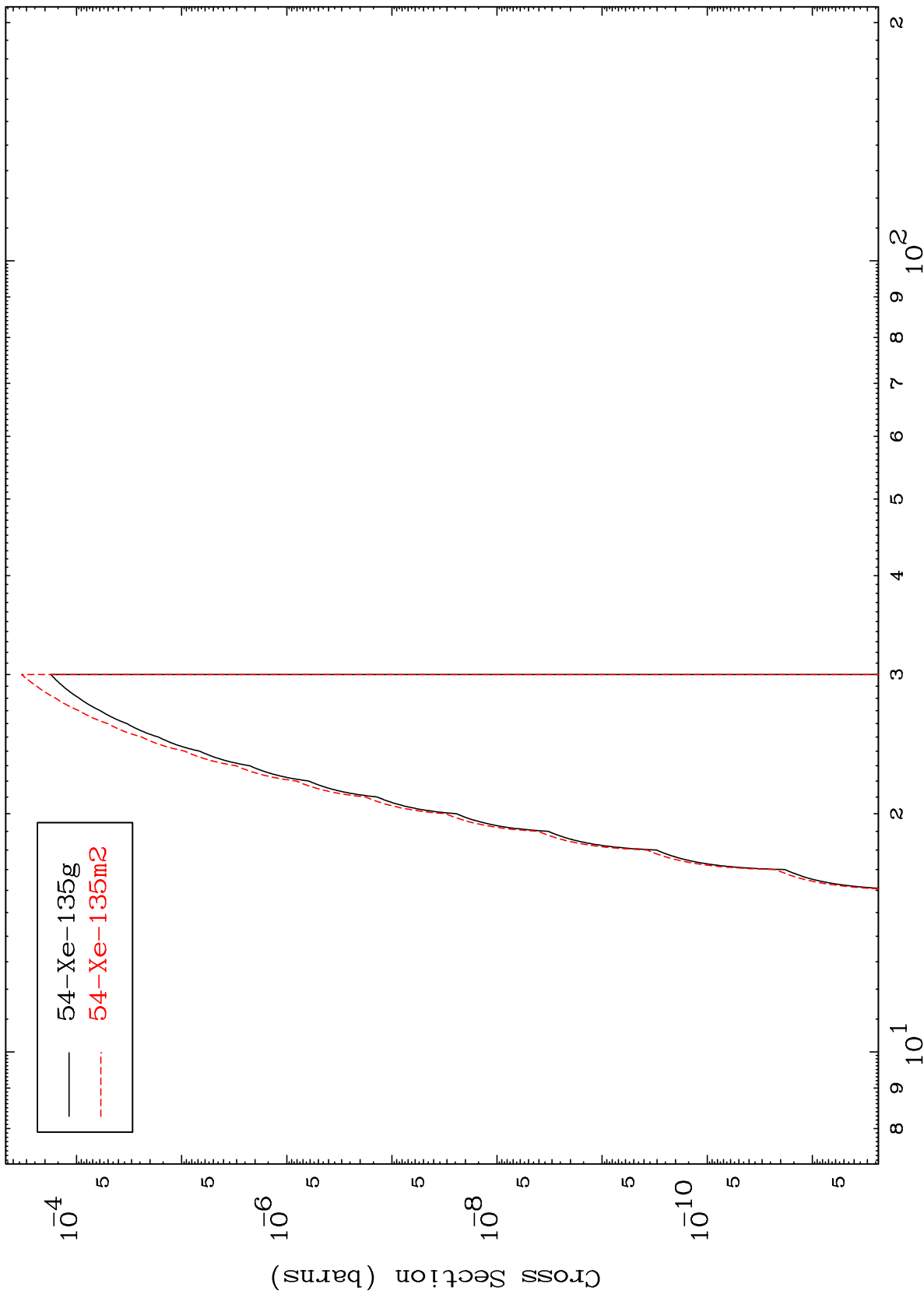
Incident Energy (MeV)

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56-Ba-137

(n,He-3)
Radionuclide Production Cross Section



35

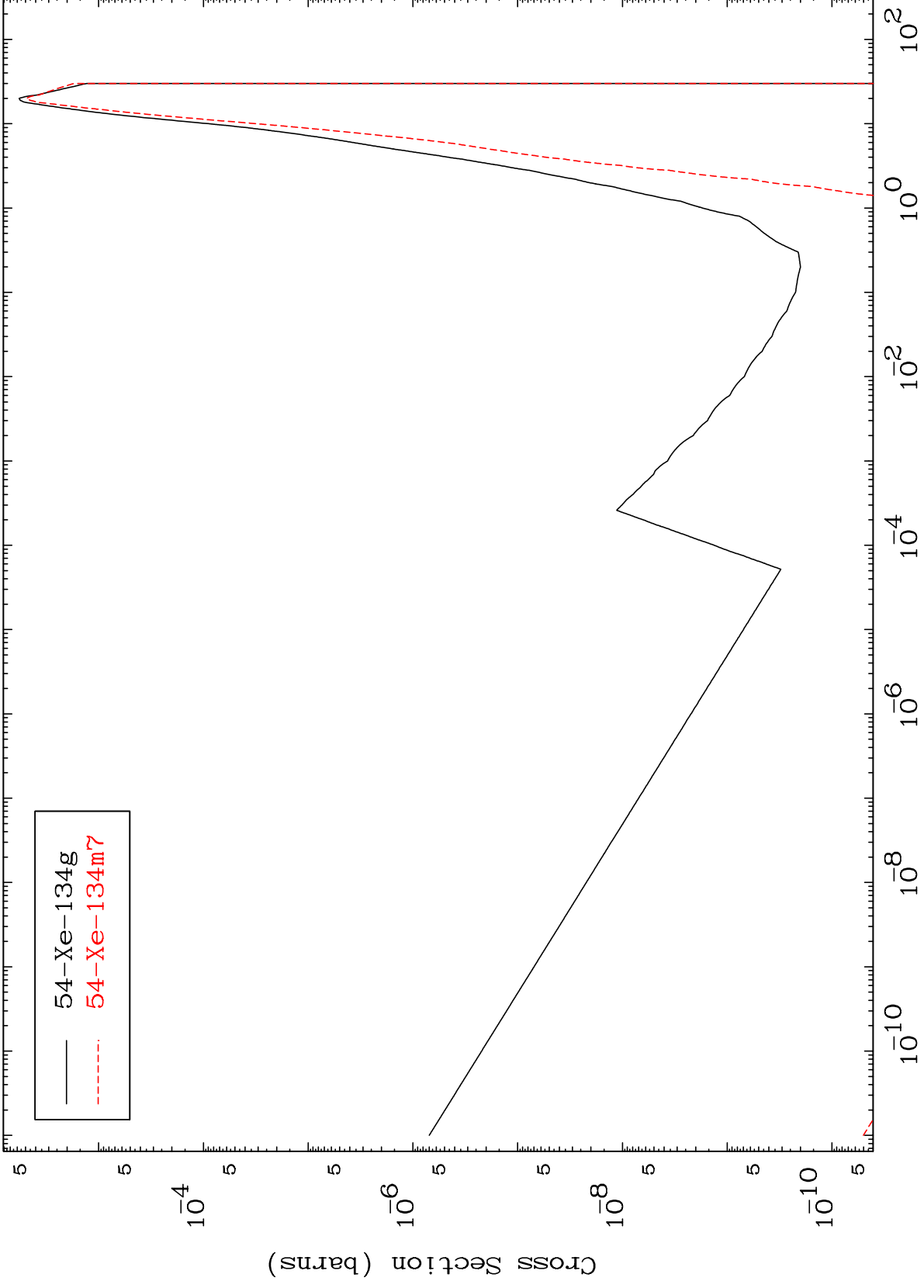
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

(n, α)
Radionuclide Production Cross Section



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

56-Ba-137

Incident Energy (MeV)

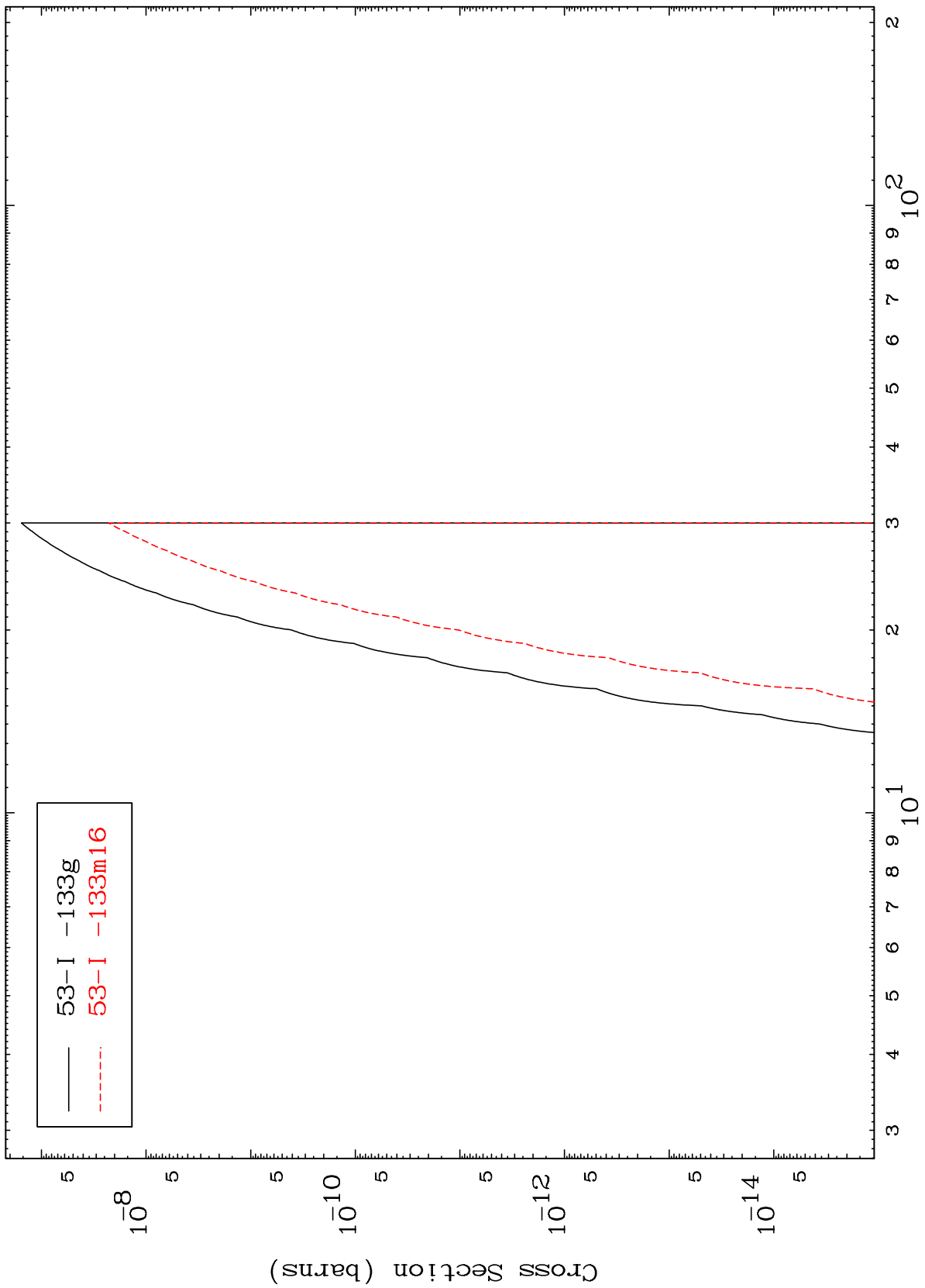
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(n,p) α

56-Ba-137

Radionuclide Production Cross Section



53-I -133g
53-I -133m16

37

Incident Energy (MeV)

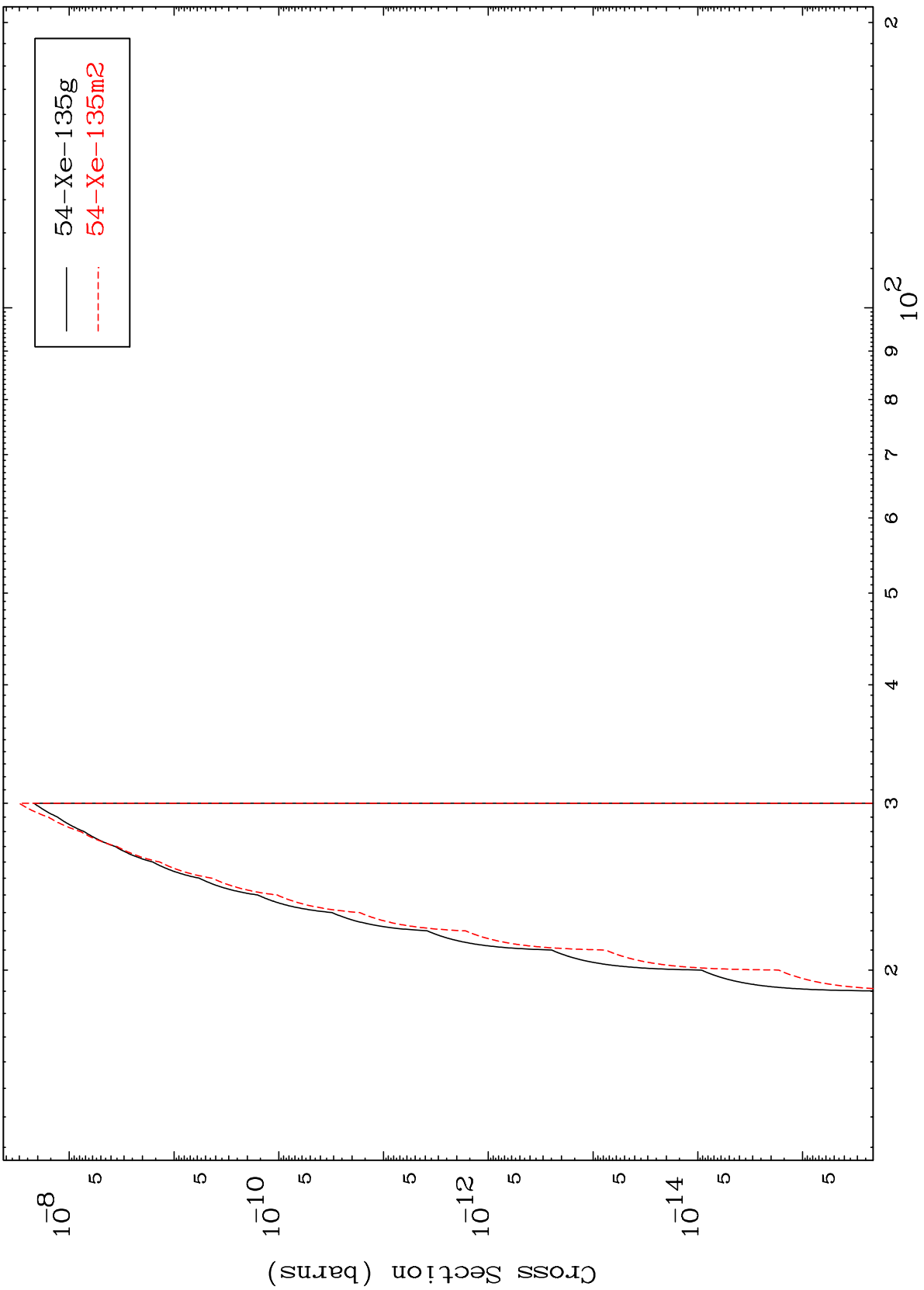
56-Ba-137

MAT 5647

(n,p) d

56-Ba-137

Radionuclide Production Cross Section

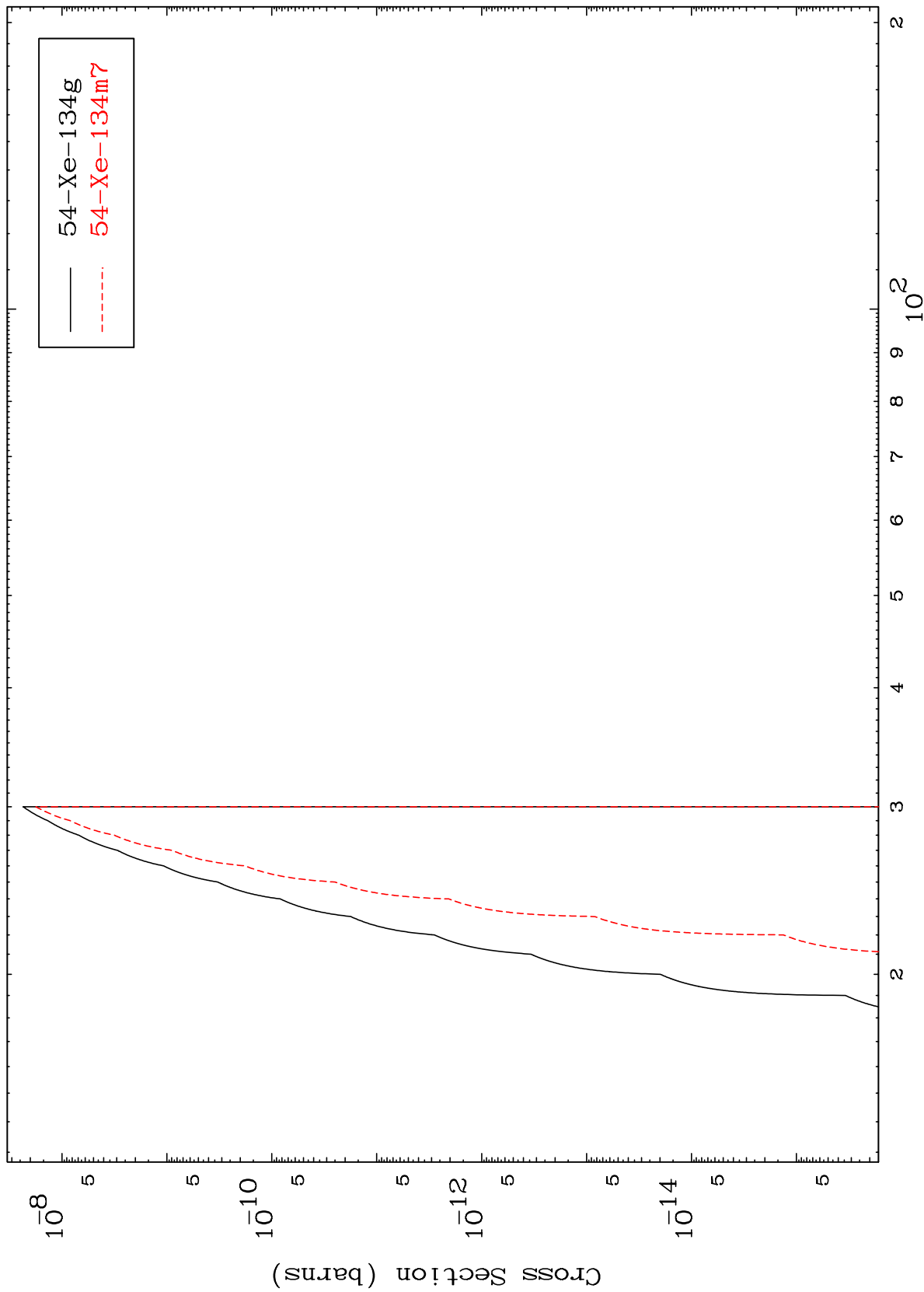


38

Incident Energy (MeV)

56-Ba-137

Radionuclide Production Cross Section

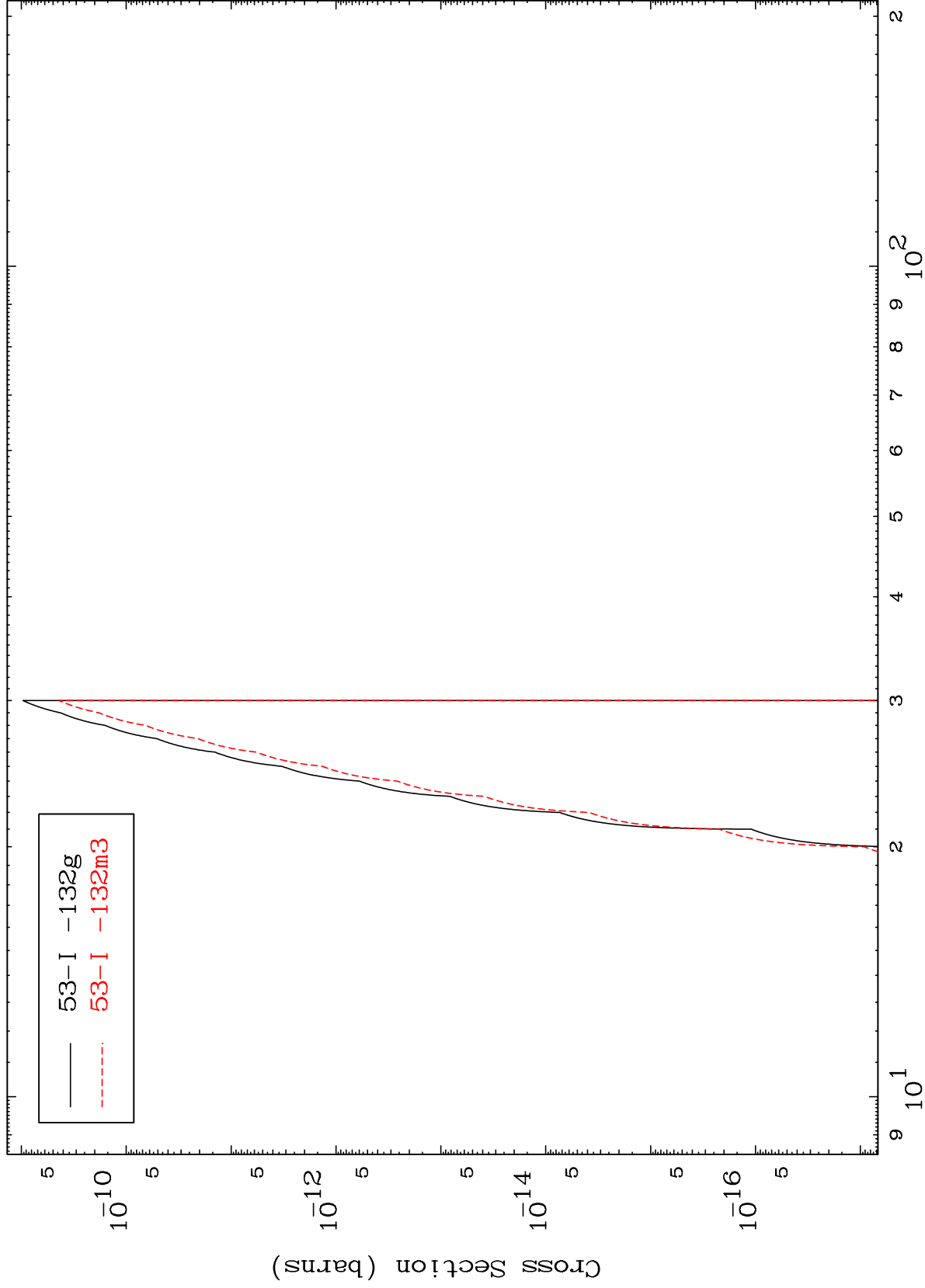


MAT 5647

(n,d) α

56-Ba-137

Radionuclide Production Cross Section



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

40

Incident Energy (MeV)

56-Ba-137