

Program EVALPLOT
(Version 2021-1)

by

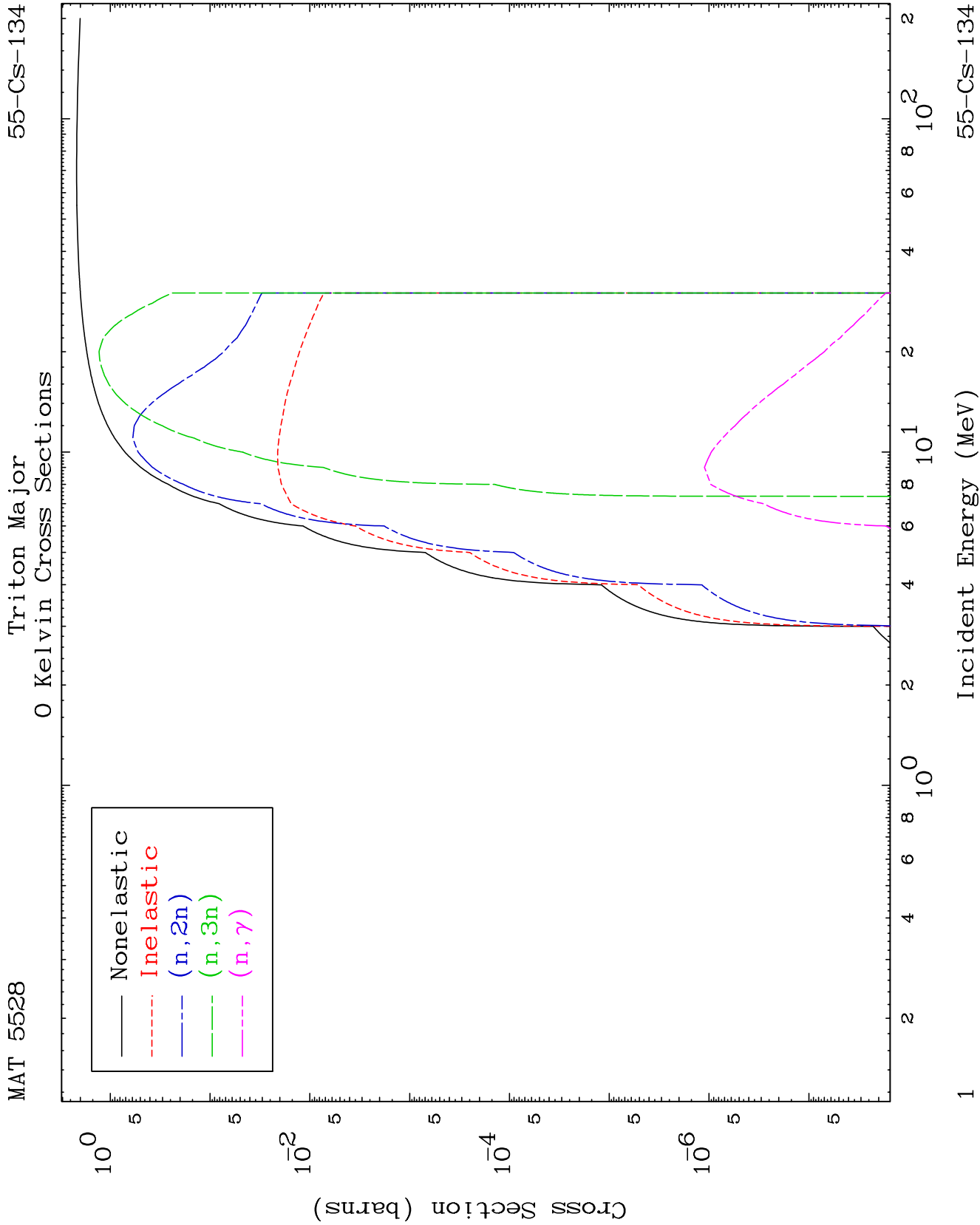
Dermott E. Cullen
(Present Contact Information)

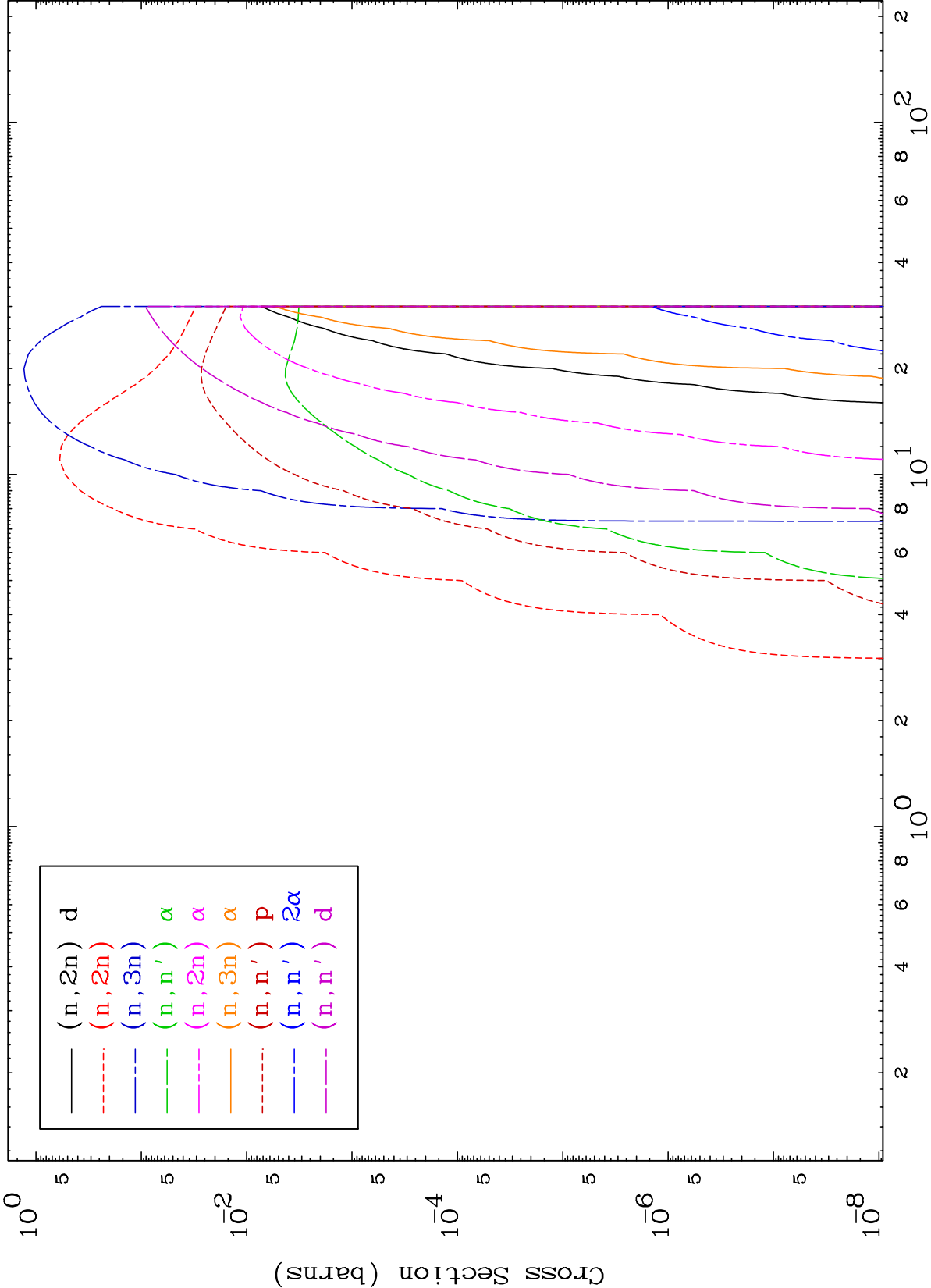
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

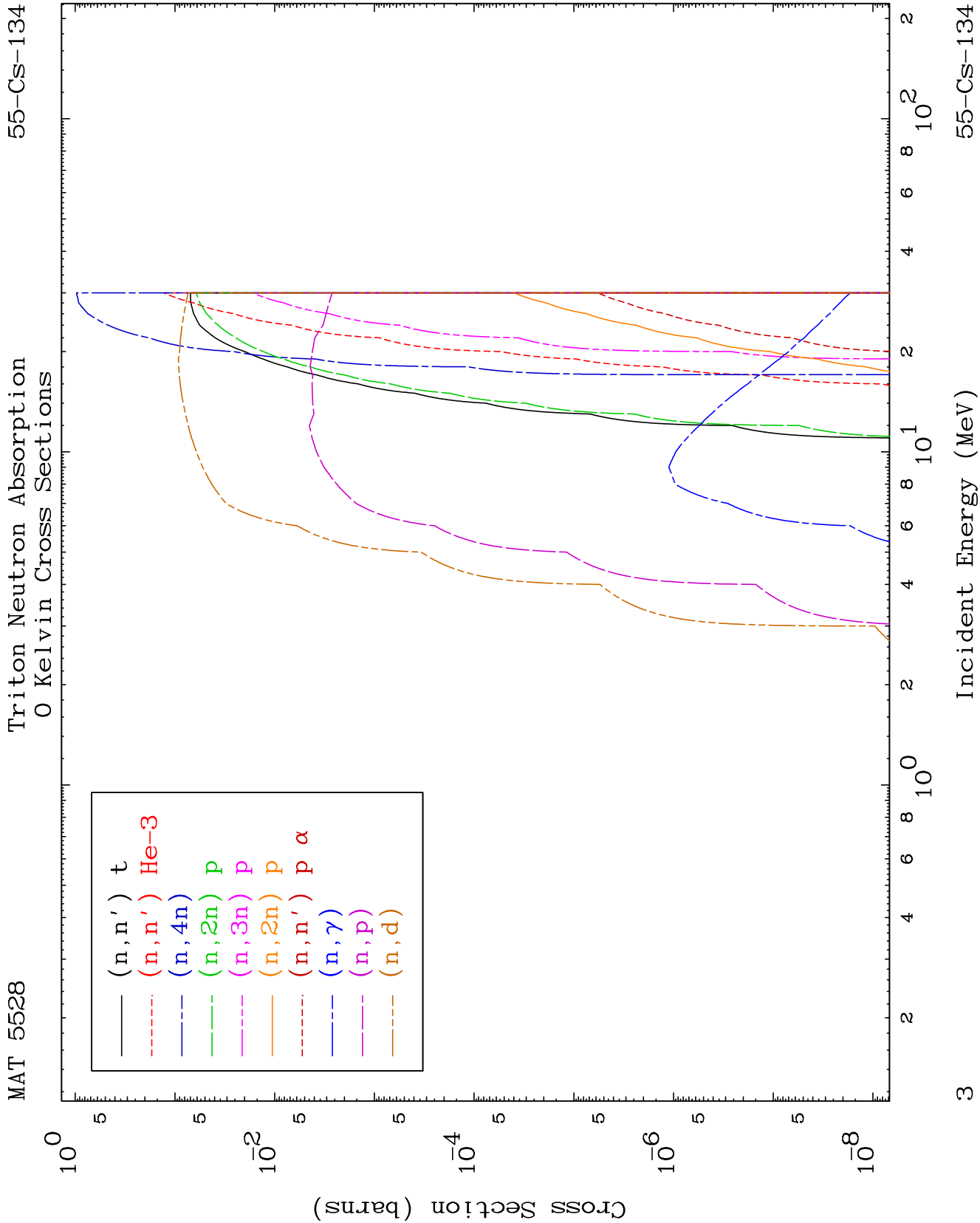
Tele: 925-443-1911

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

Press Mouse Button to Start



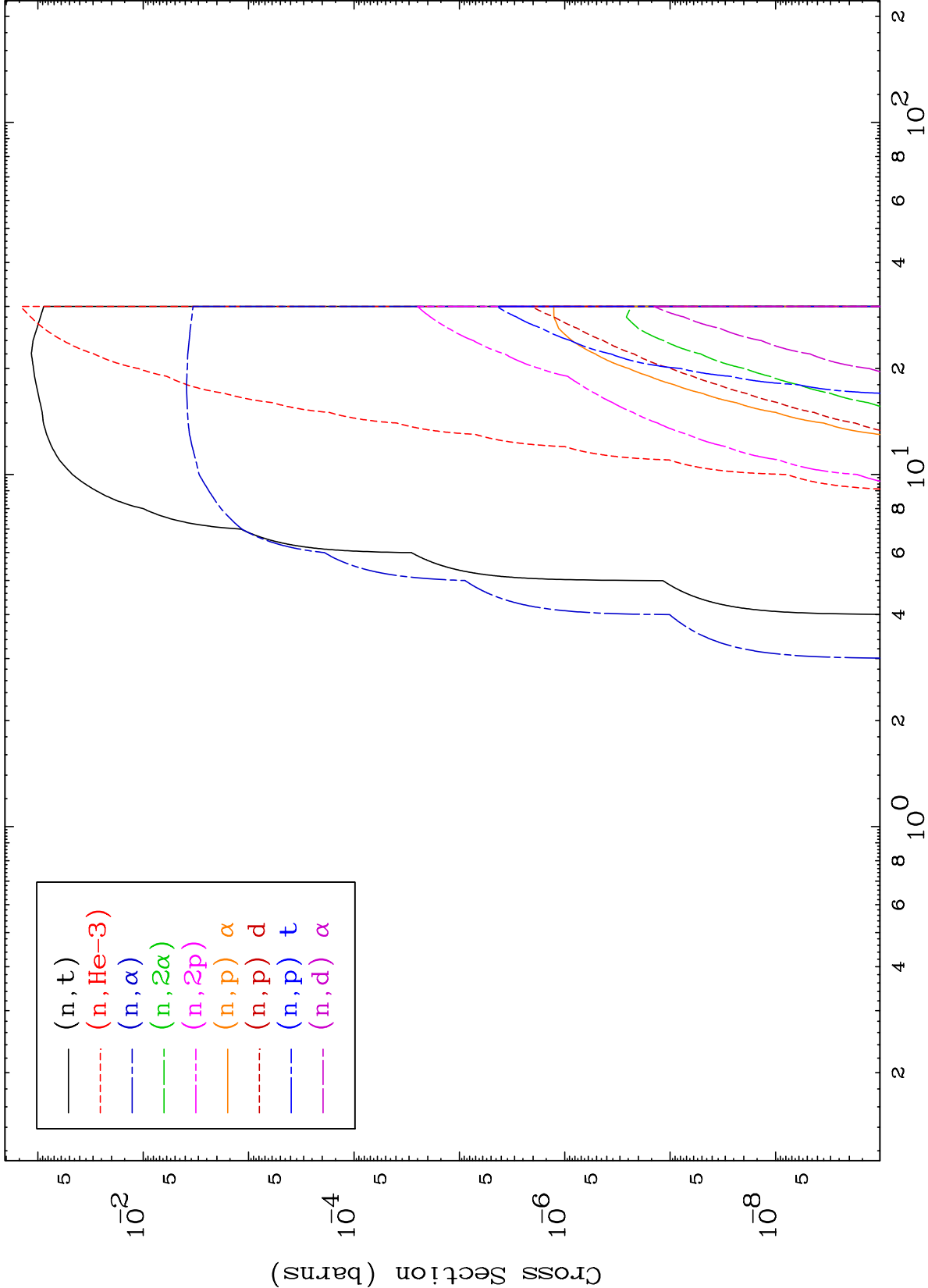


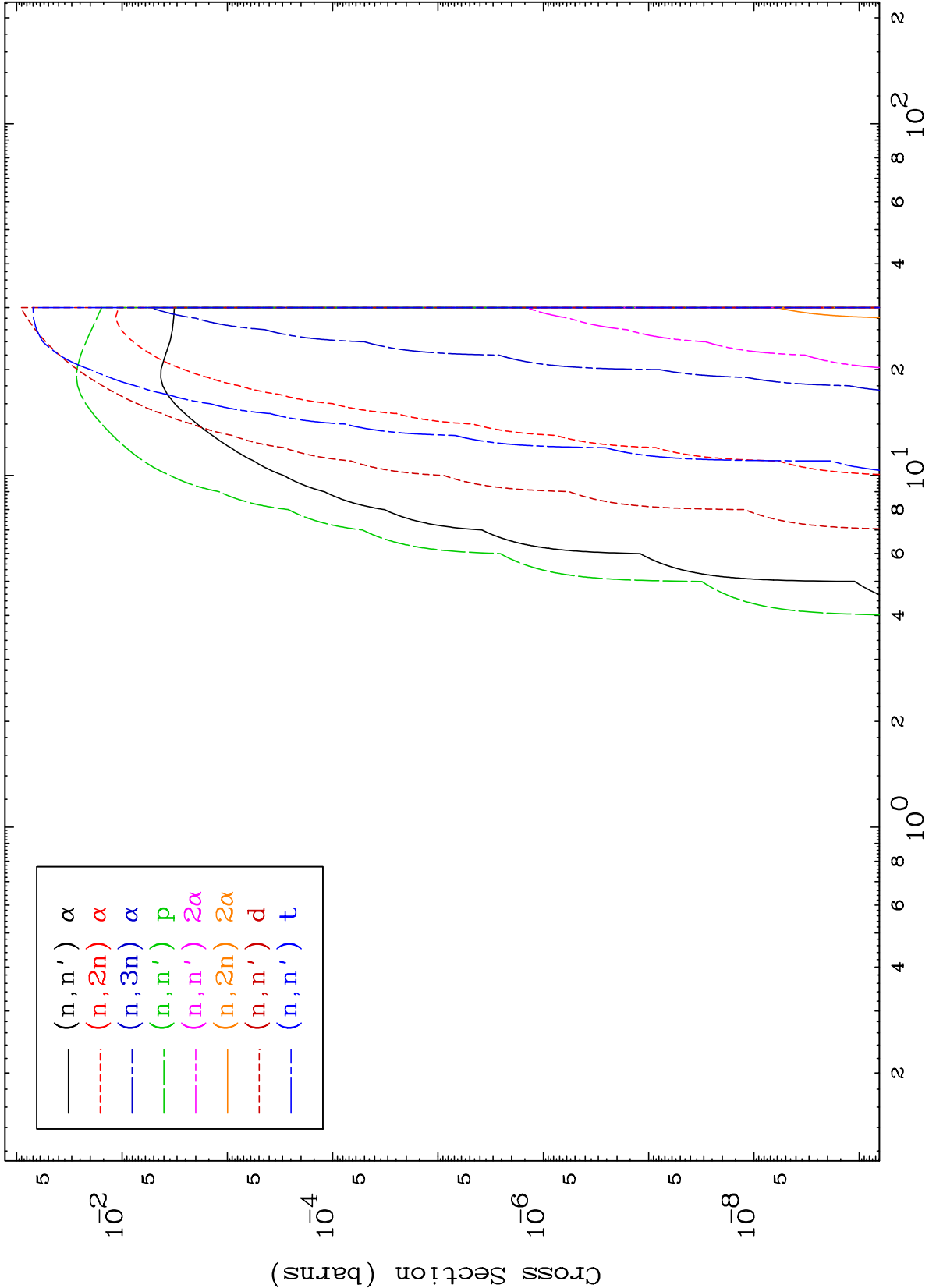


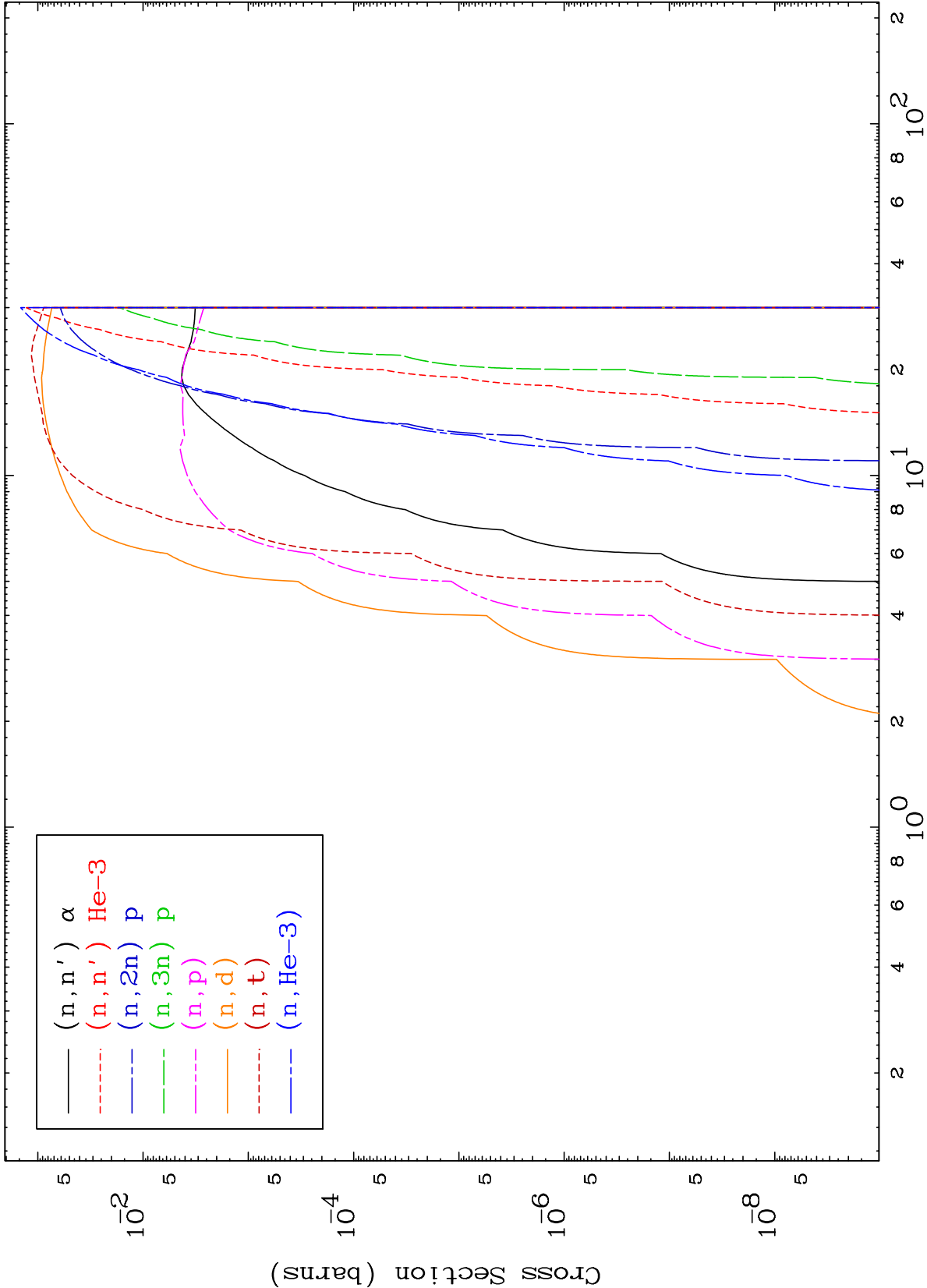
MAT 5528

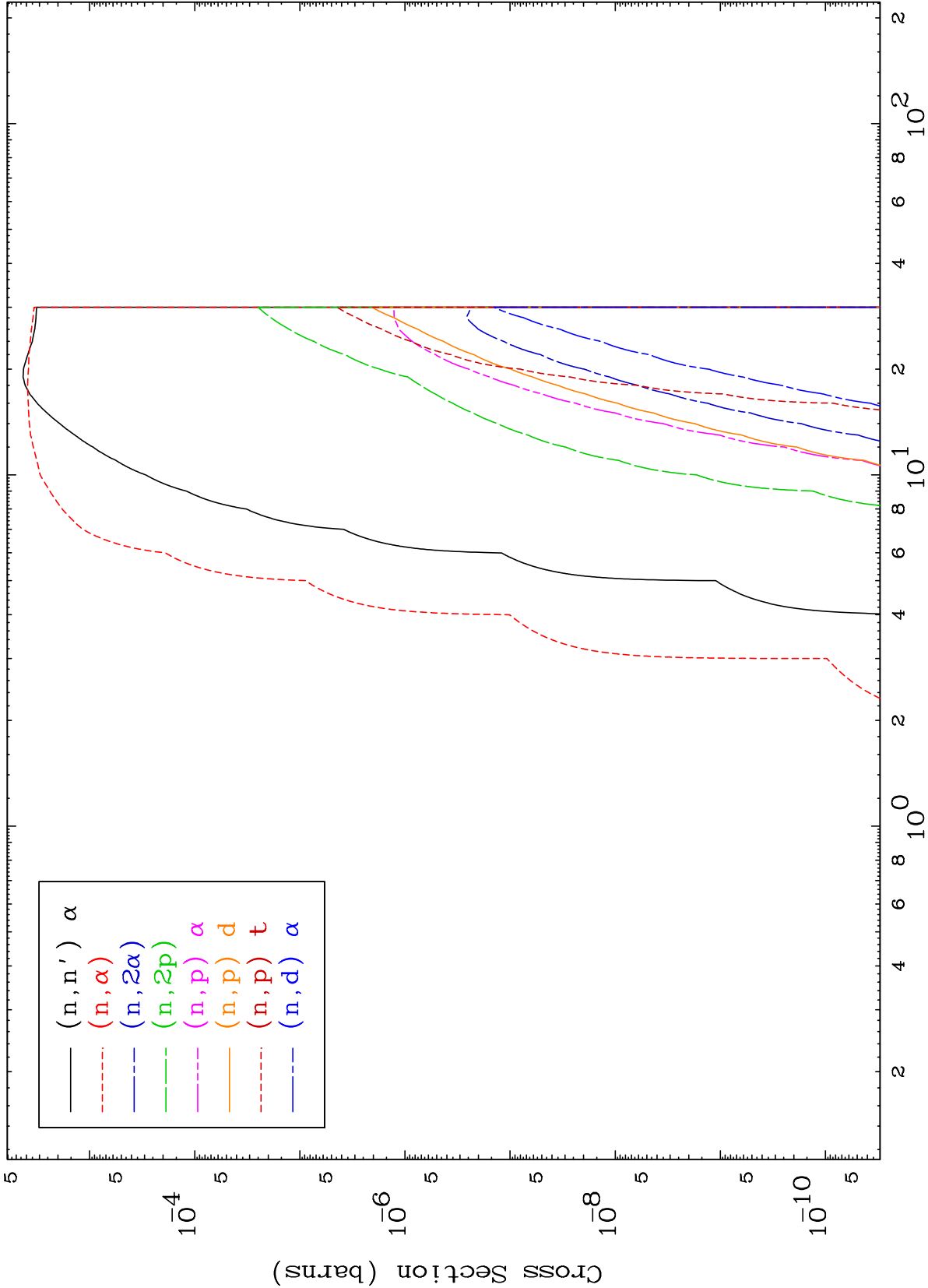
Triton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-134





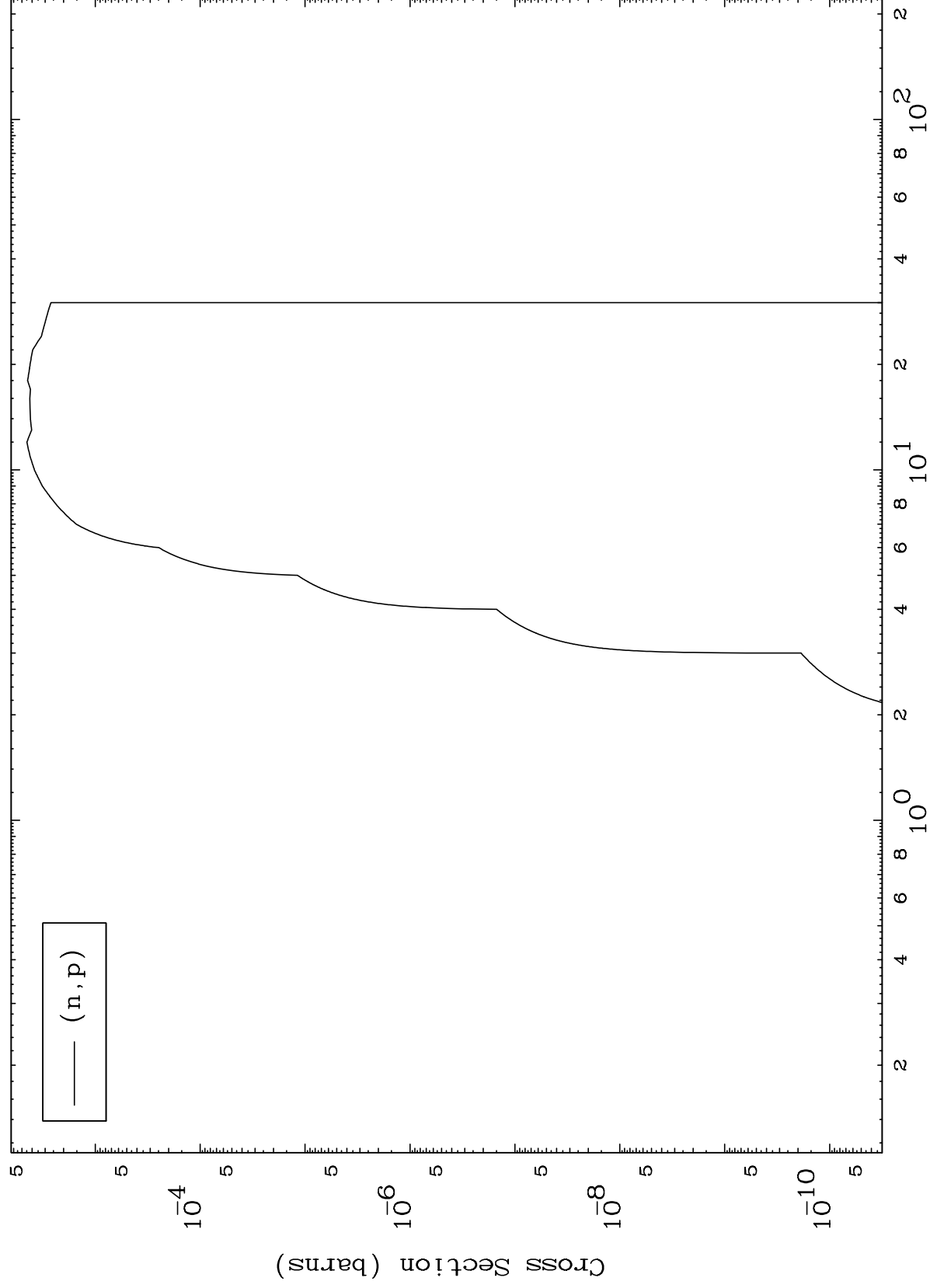




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55-Cs-134

(t,p) Levels
0 Kelvin Cross Sections



55-Cs-134

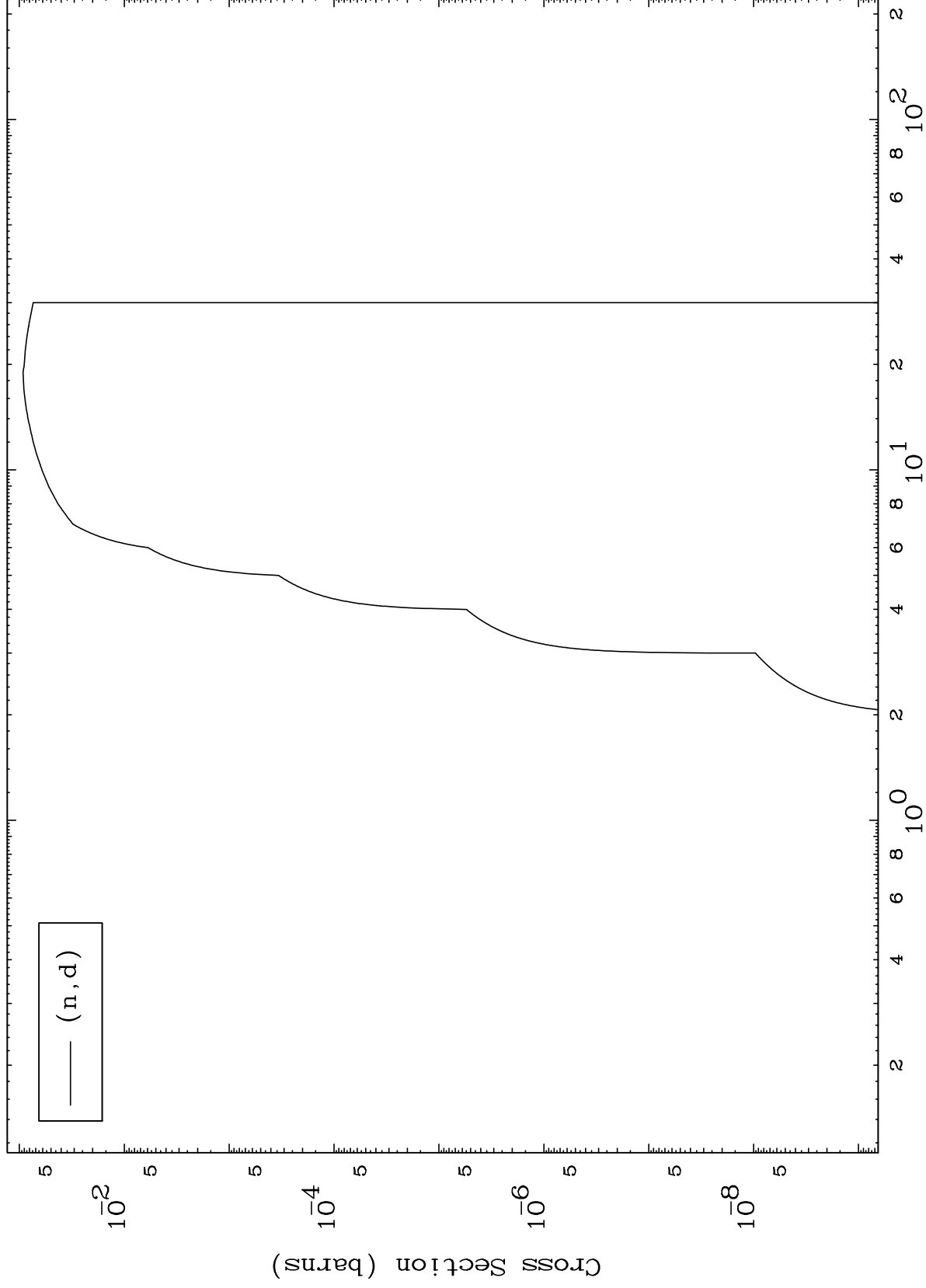
Incident Energy (MeV)

8

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55-Cs-134

(t,d) Levels
0 Kelvin Cross Sections



9

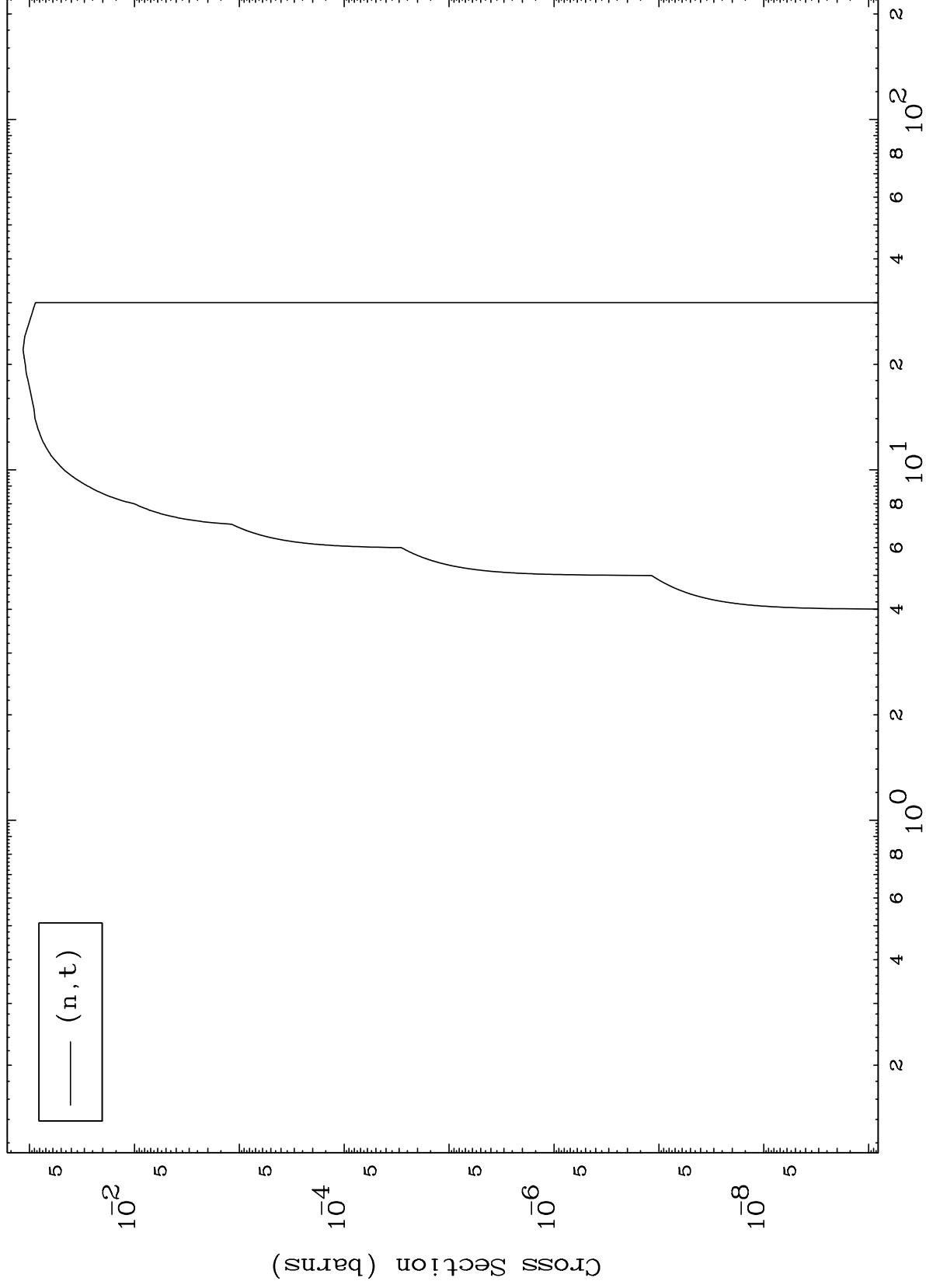
Incident Energy (MeV)

55-Cs-134

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55-Cs-134

(t,t) Levels
0 Kelvin Cross Sections



55-Cs-134

Incident Energy (MeV)

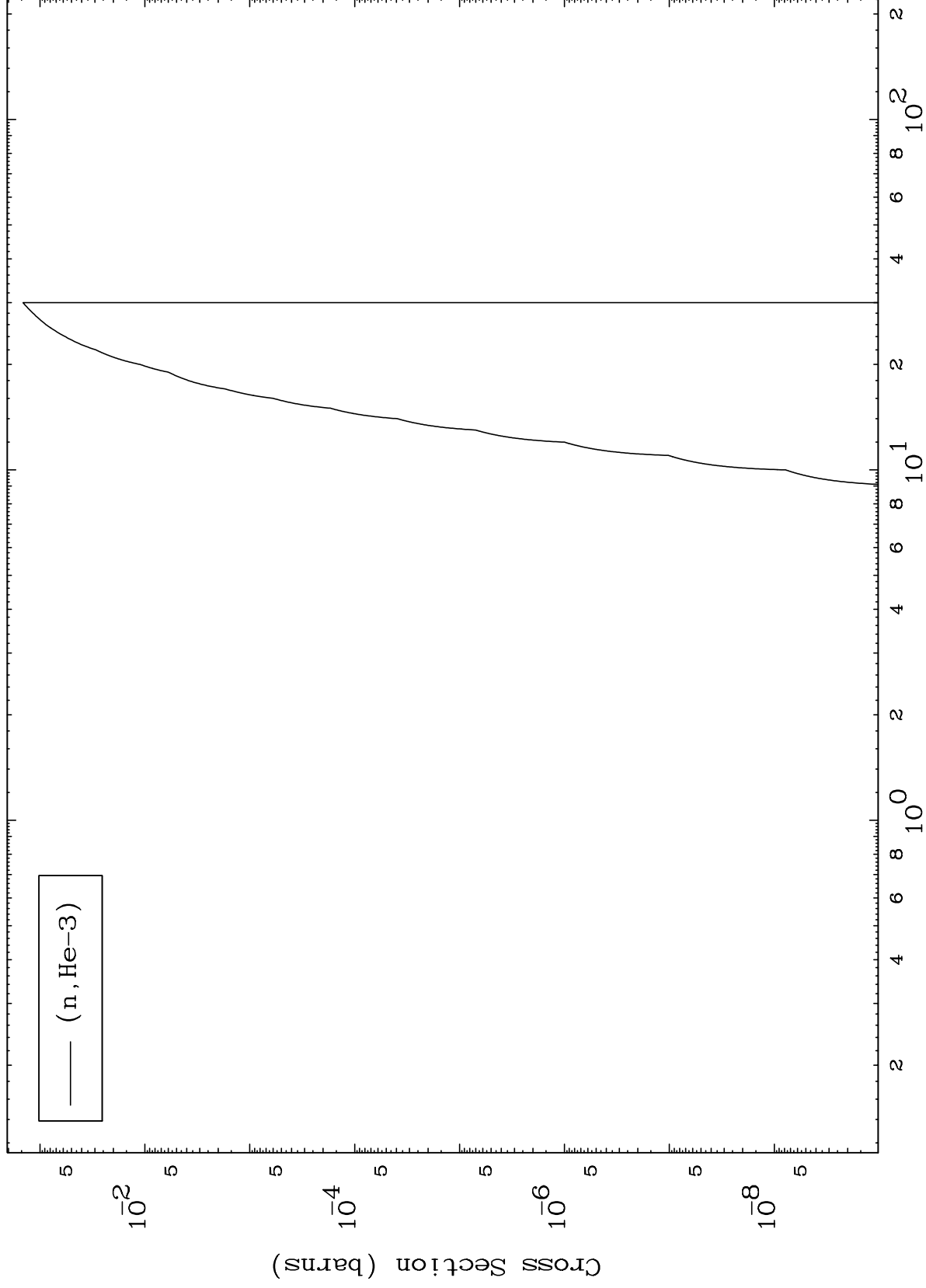
10

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(t,He3) Levels

55-Cs-134

0 Kelvin Cross Sections



11

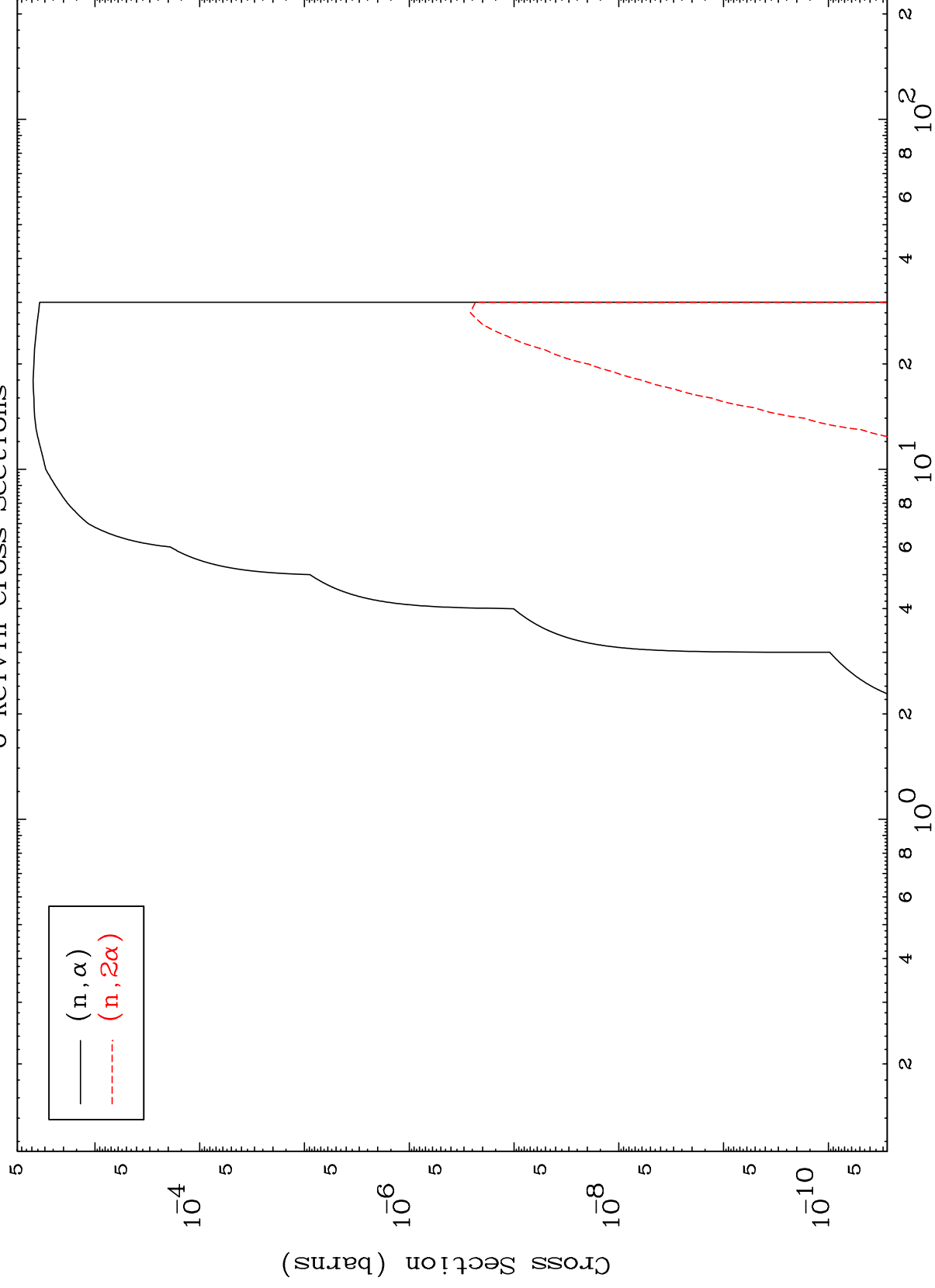
Incident Energy (MeV)

55-Cs-134

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55-Cs-134

(t, α) Levels
0 Kelvin Cross Sections



12

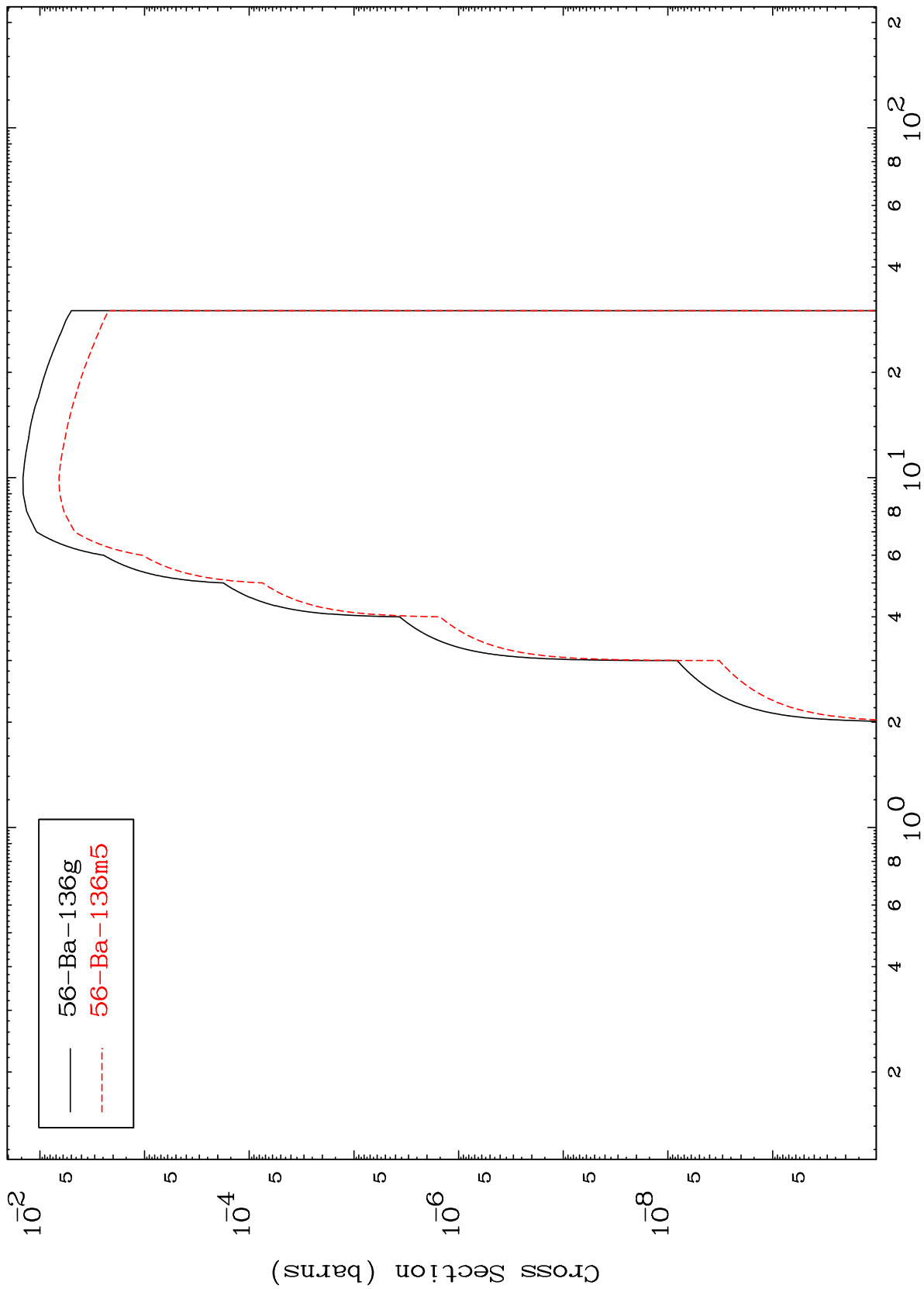
Incident Energy (MeV)

55-Cs-134

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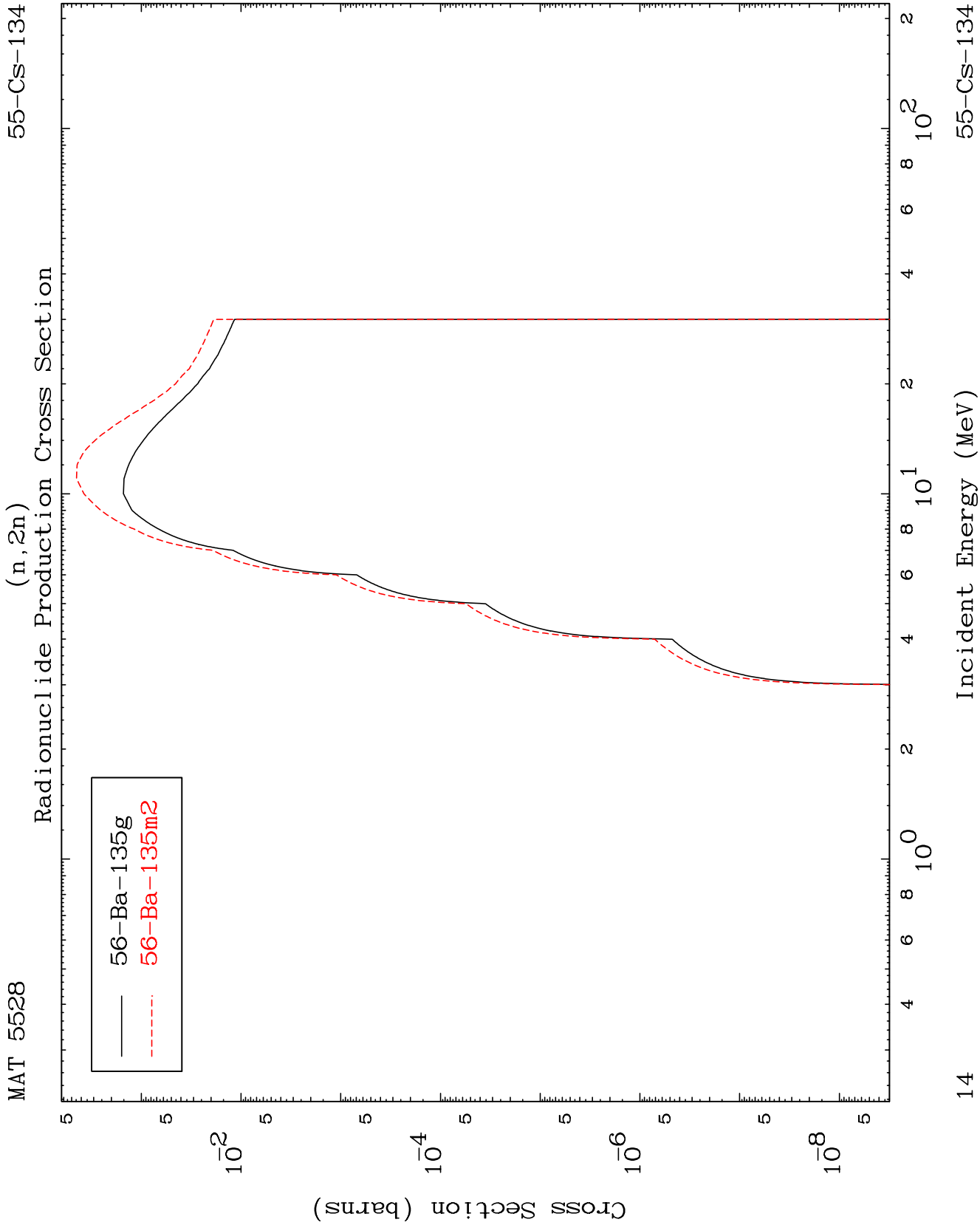
55-Cs-134

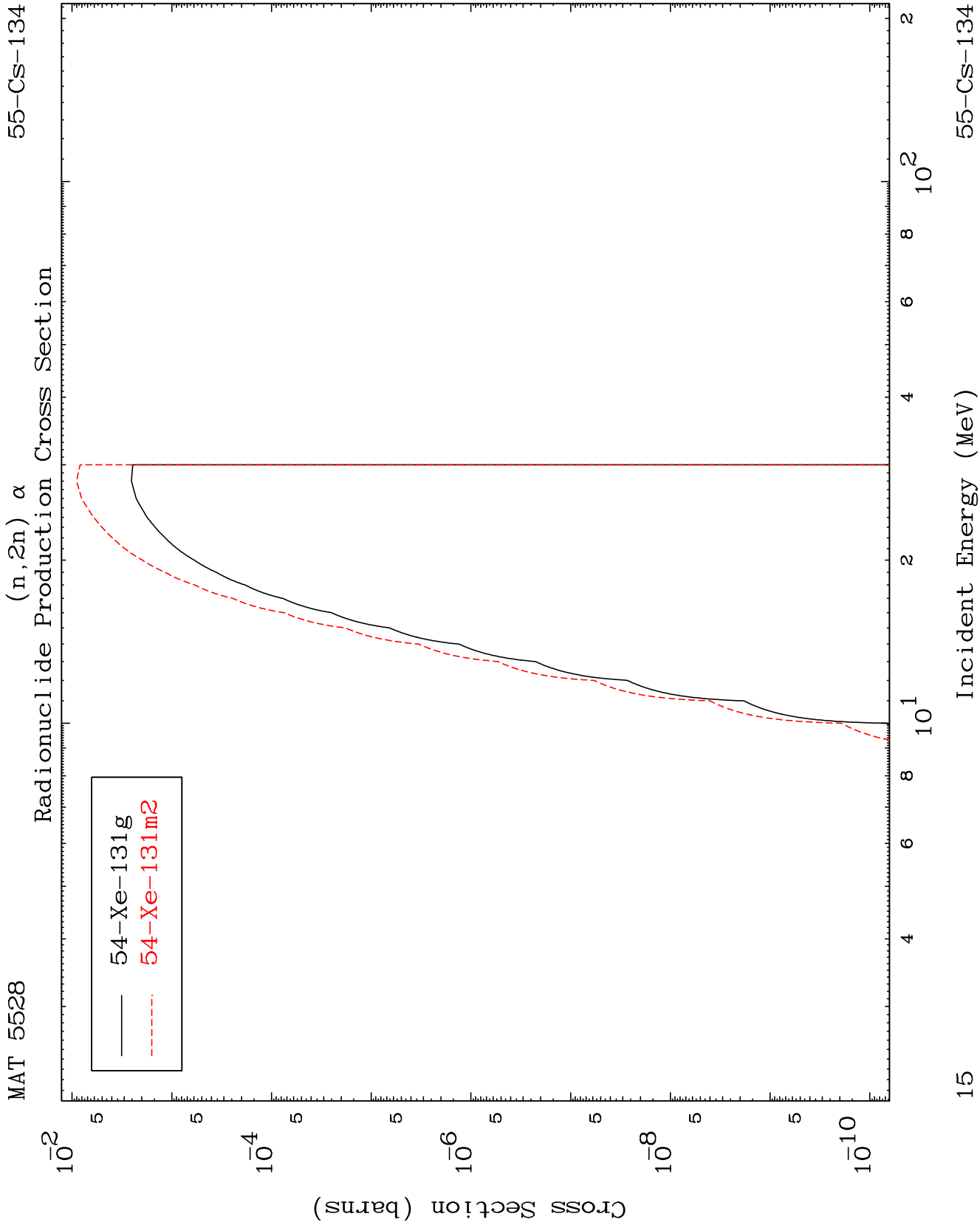
Inelastic
Radionuclide Production Cross Section



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55-Cs-134

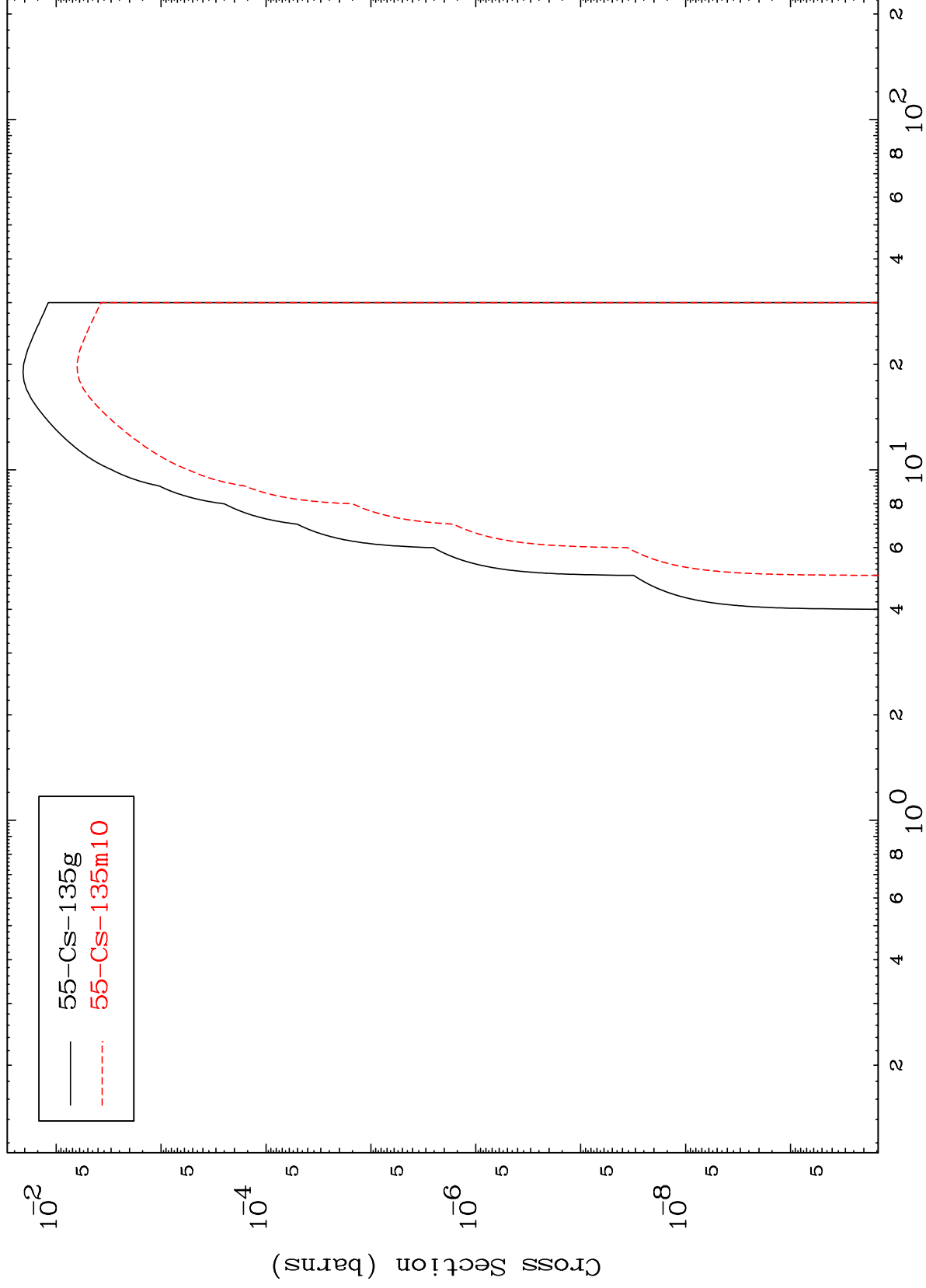




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55-Cs-134

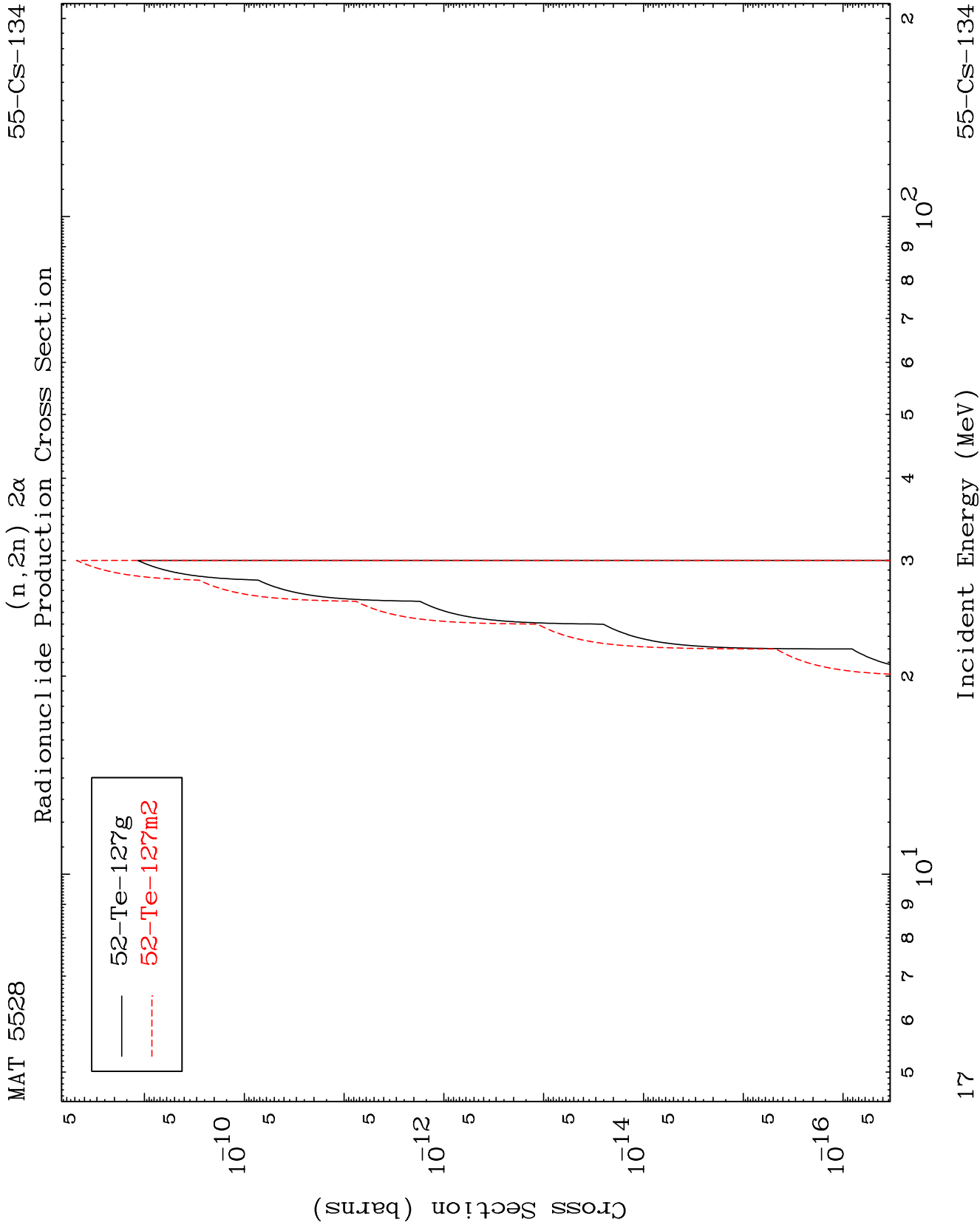
(n,n') p
Radionuclide Production Cross Section

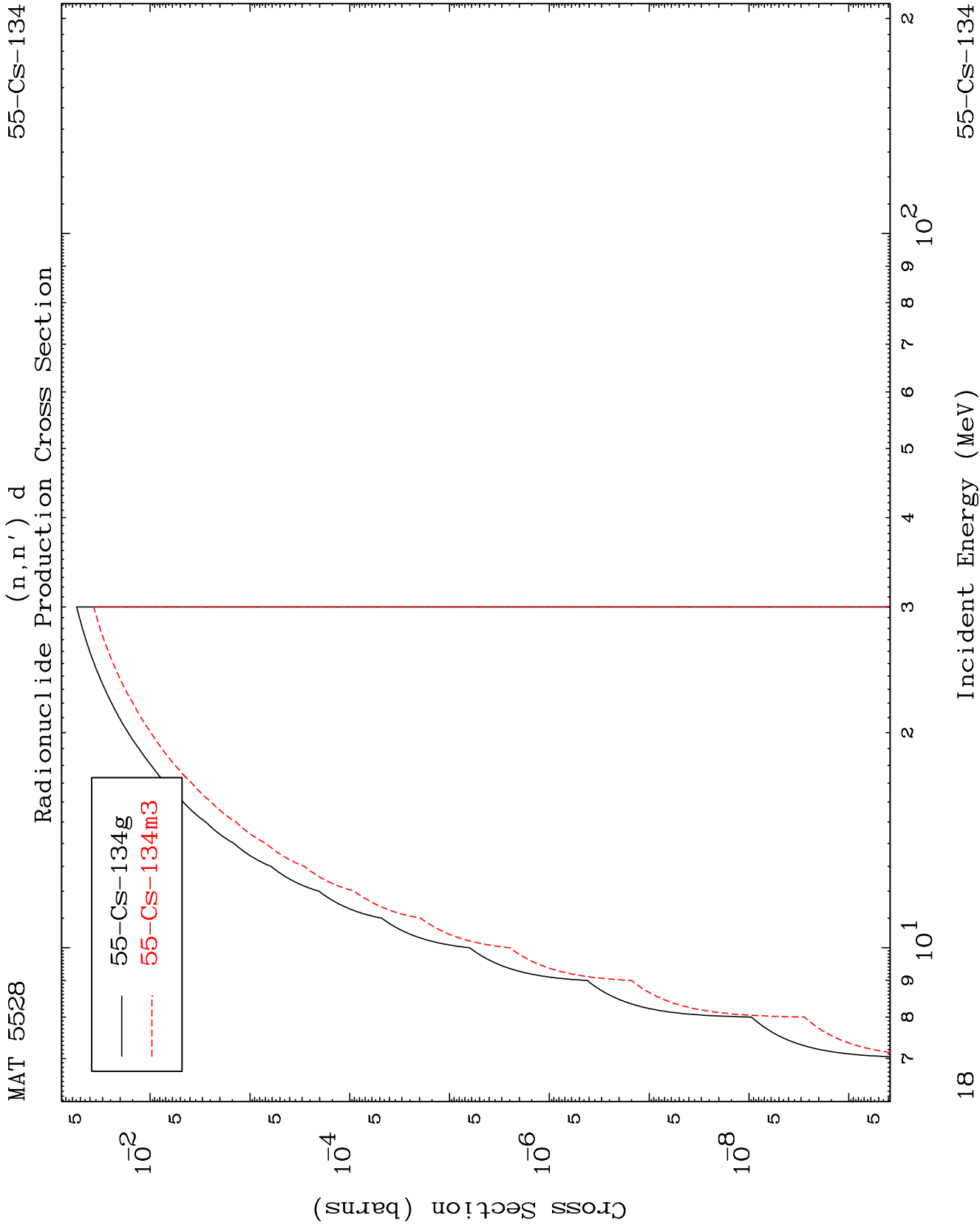


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Incident Energy (MeV)

55-Cs-134



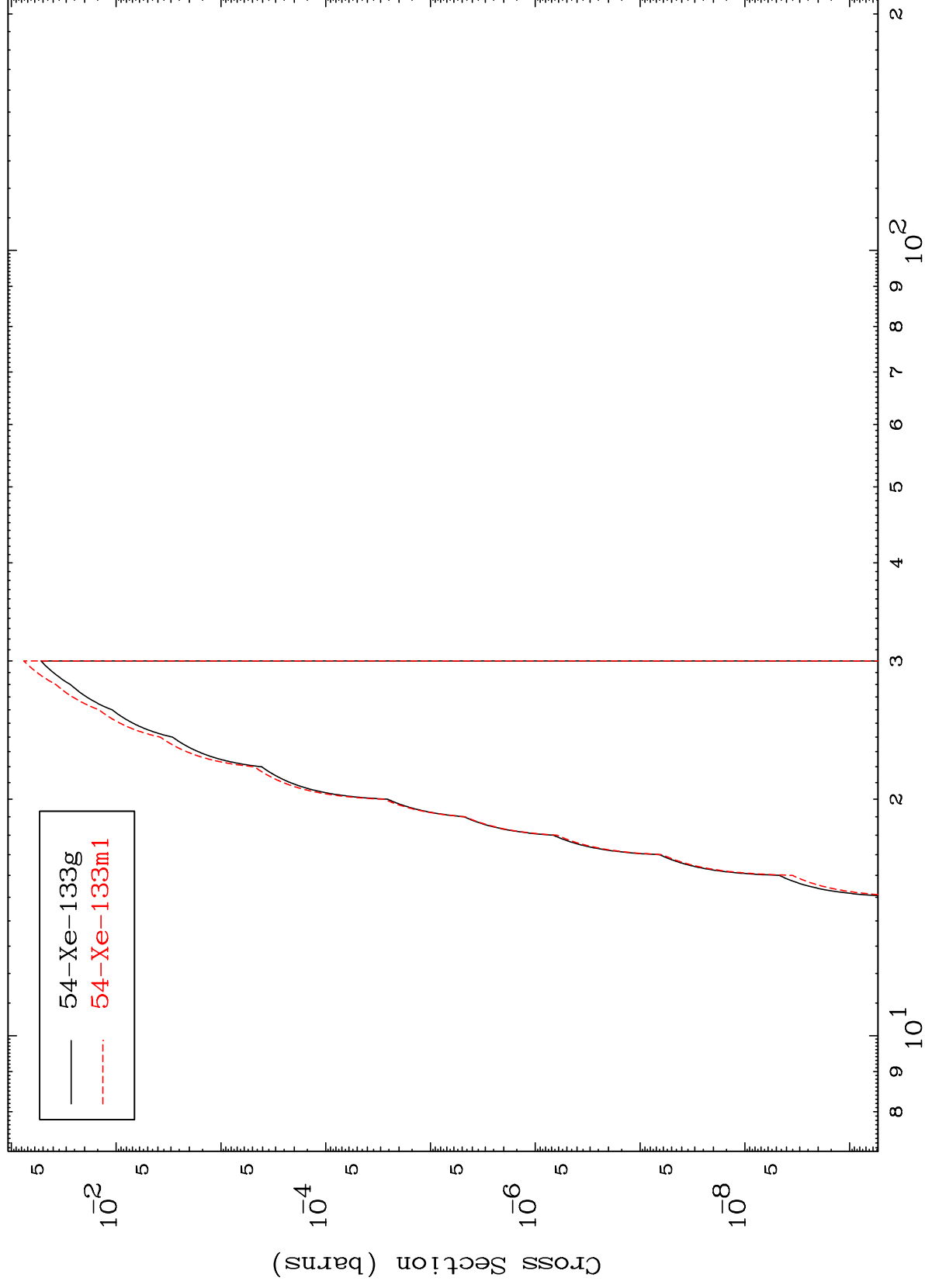


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(n,n') He-3

55-Cs-134

Radionuclide Production Cross Section



19

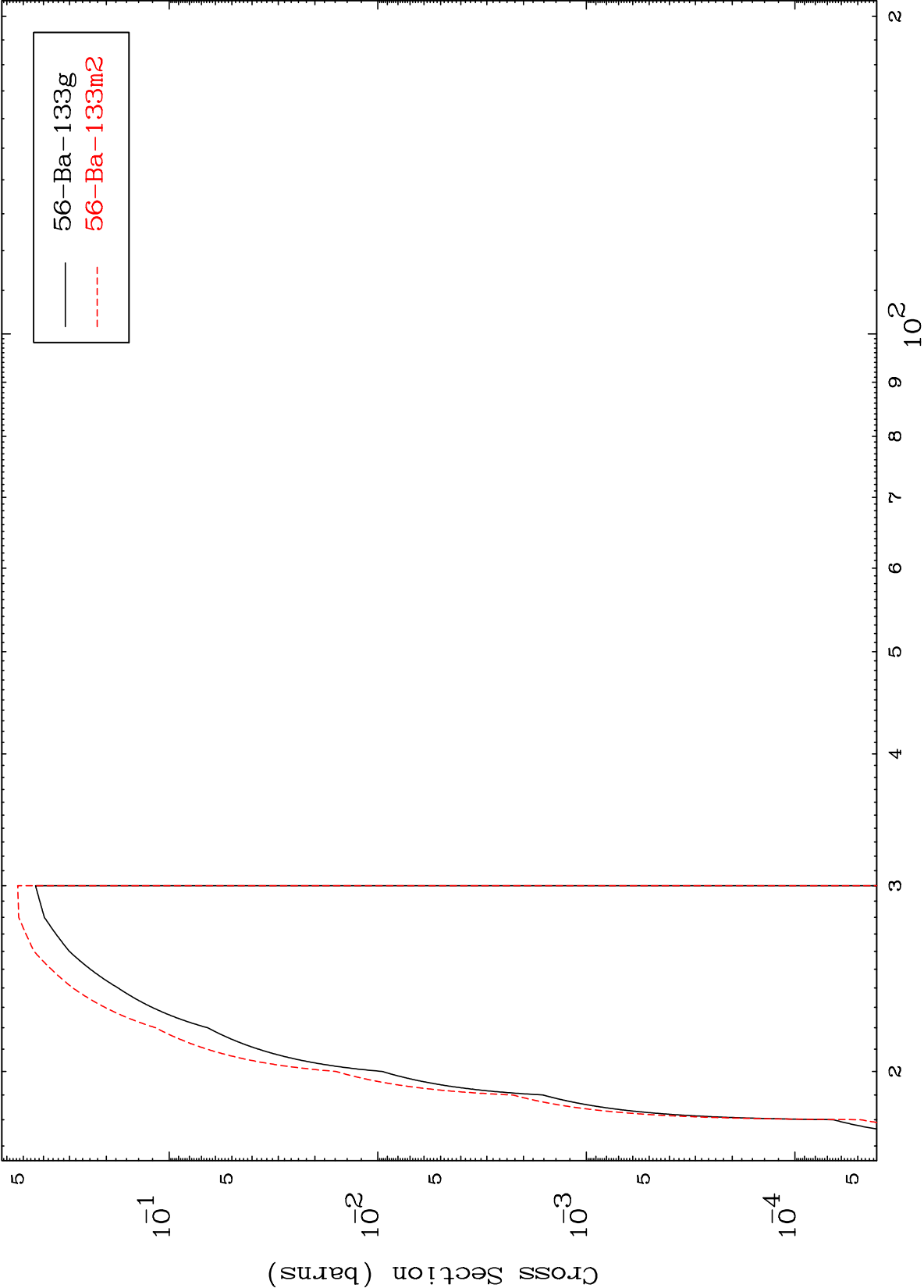
Incident Energy (MeV)

55-Cs-134

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55-Cs-134

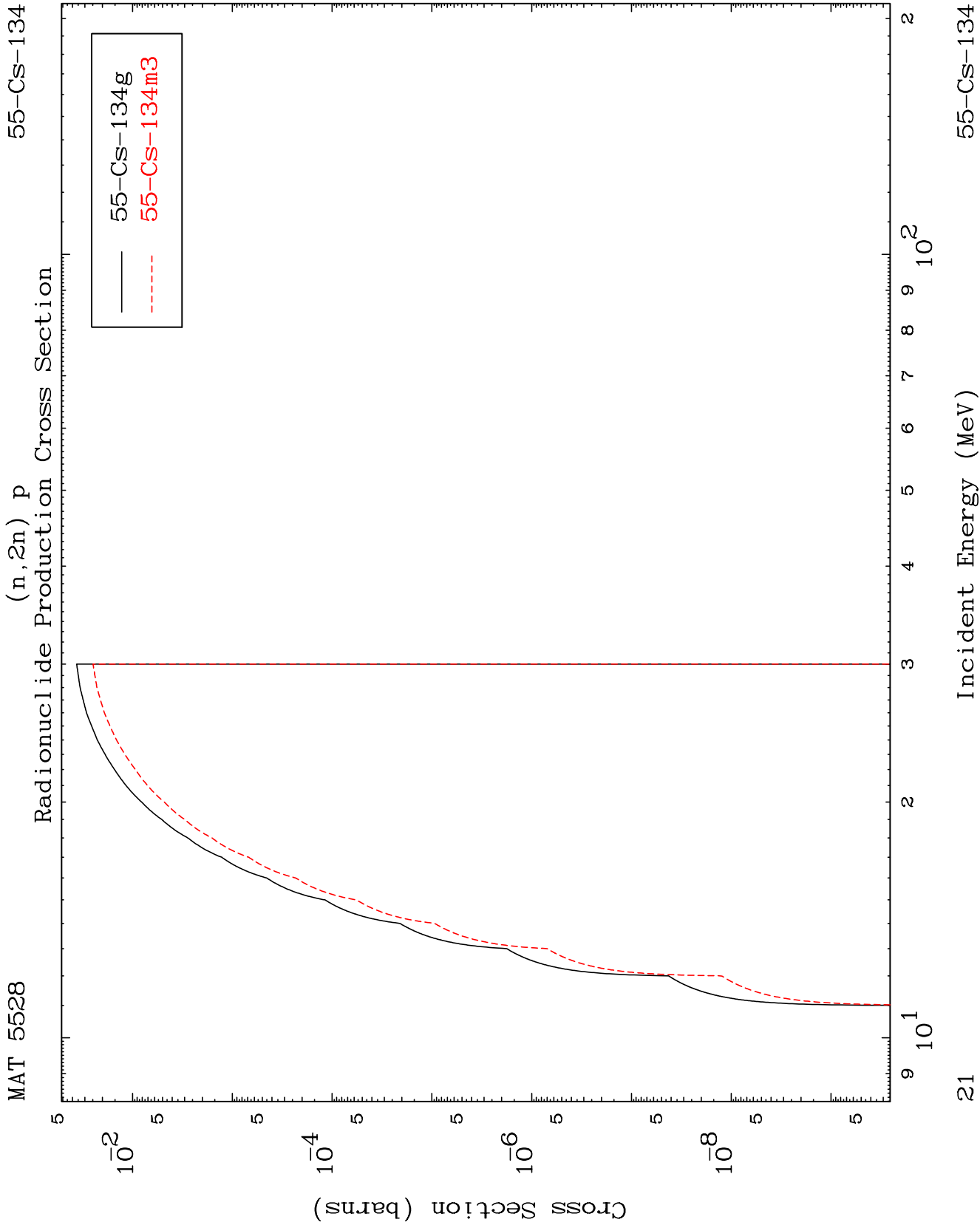
$(n,4n)$
Radionuclide Production Cross Section



55-Cs-134

Incident Energy (MeV)

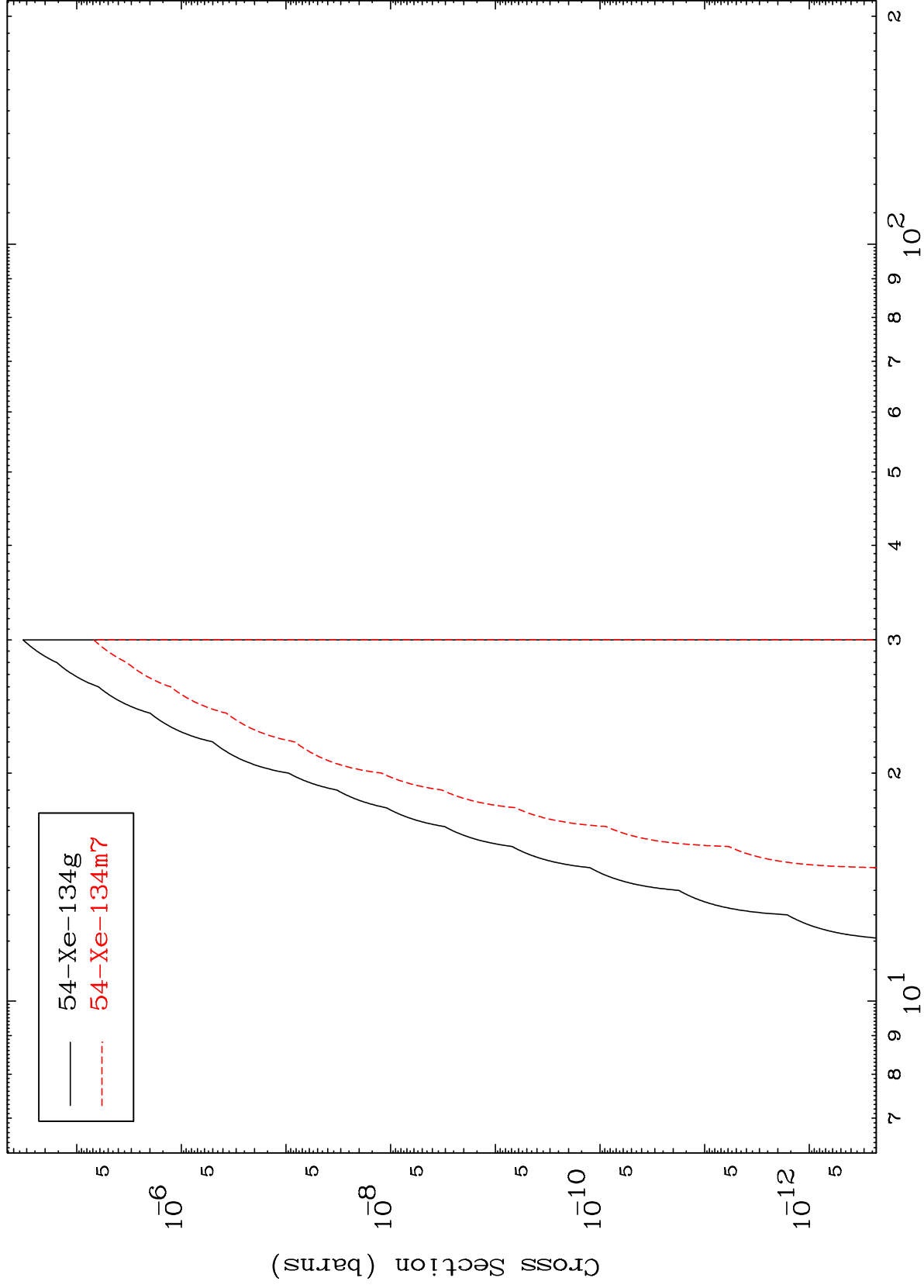
20



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(n,2n) p 55-Cs-134

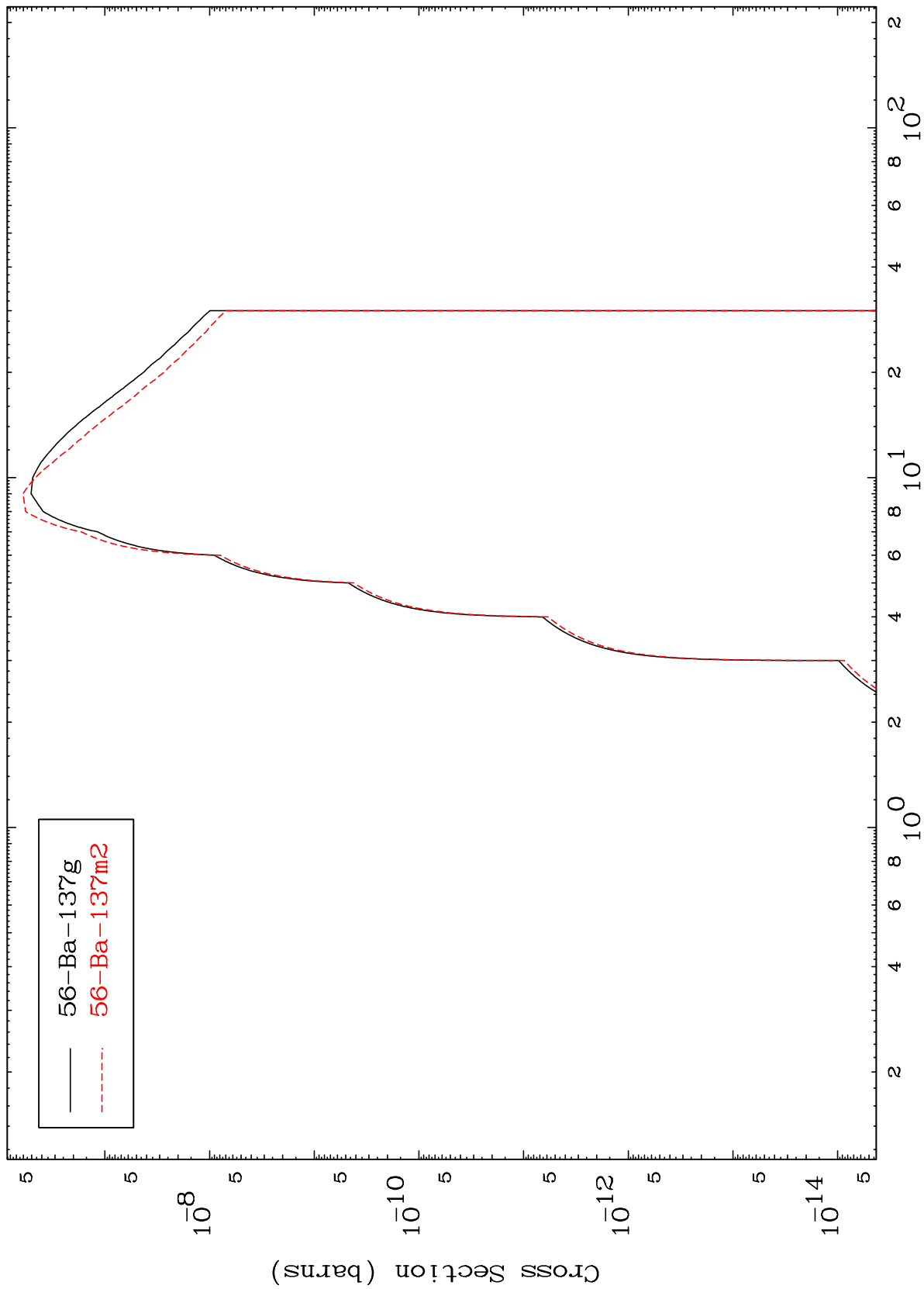
Radionuclide Production Cross Section



22

55-Cs-134

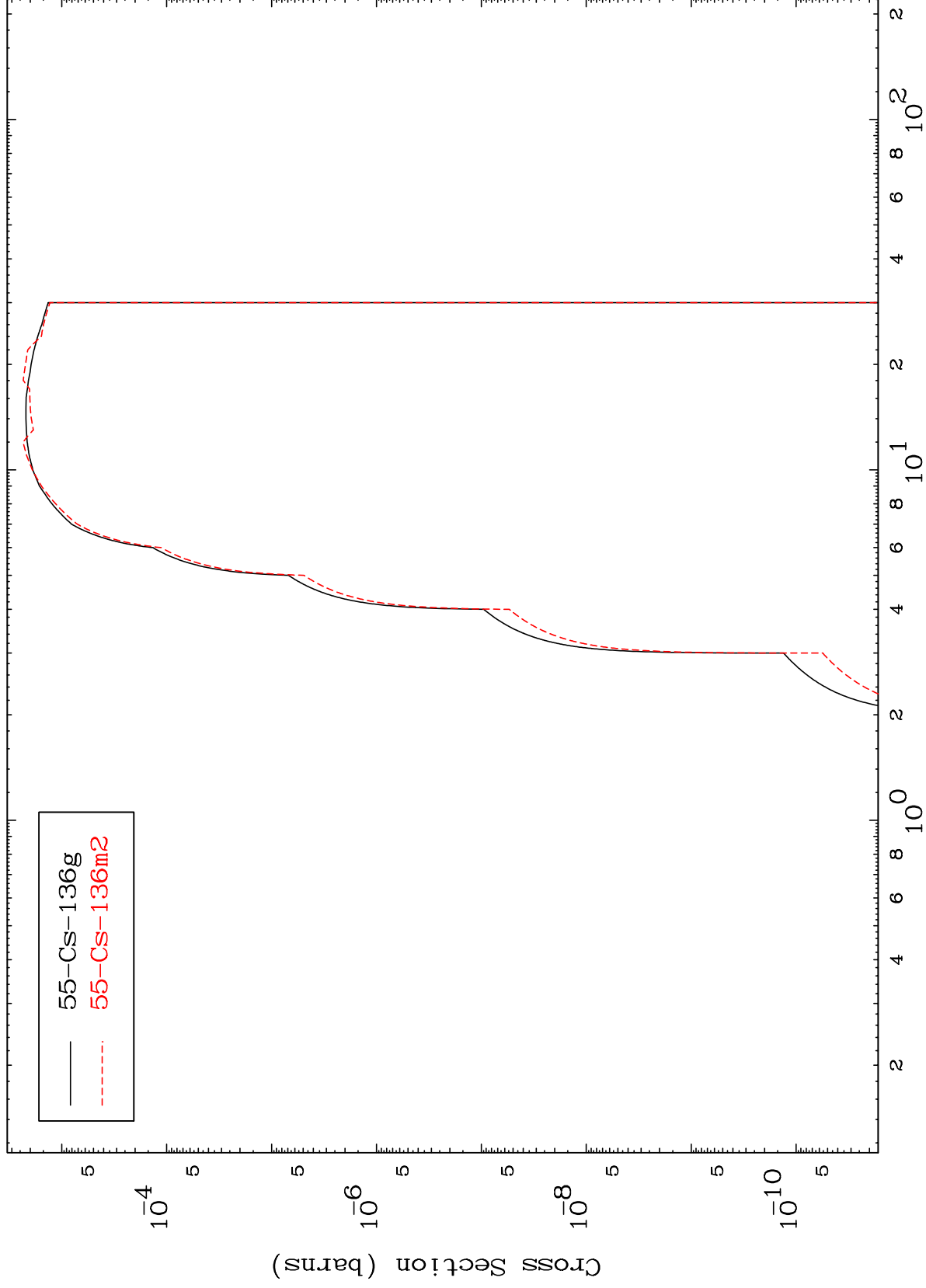
Radionuclide Production Cross Section
(n, γ)



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55-Cs-134

(n,p)
Radionuclide Production Cross Section



24

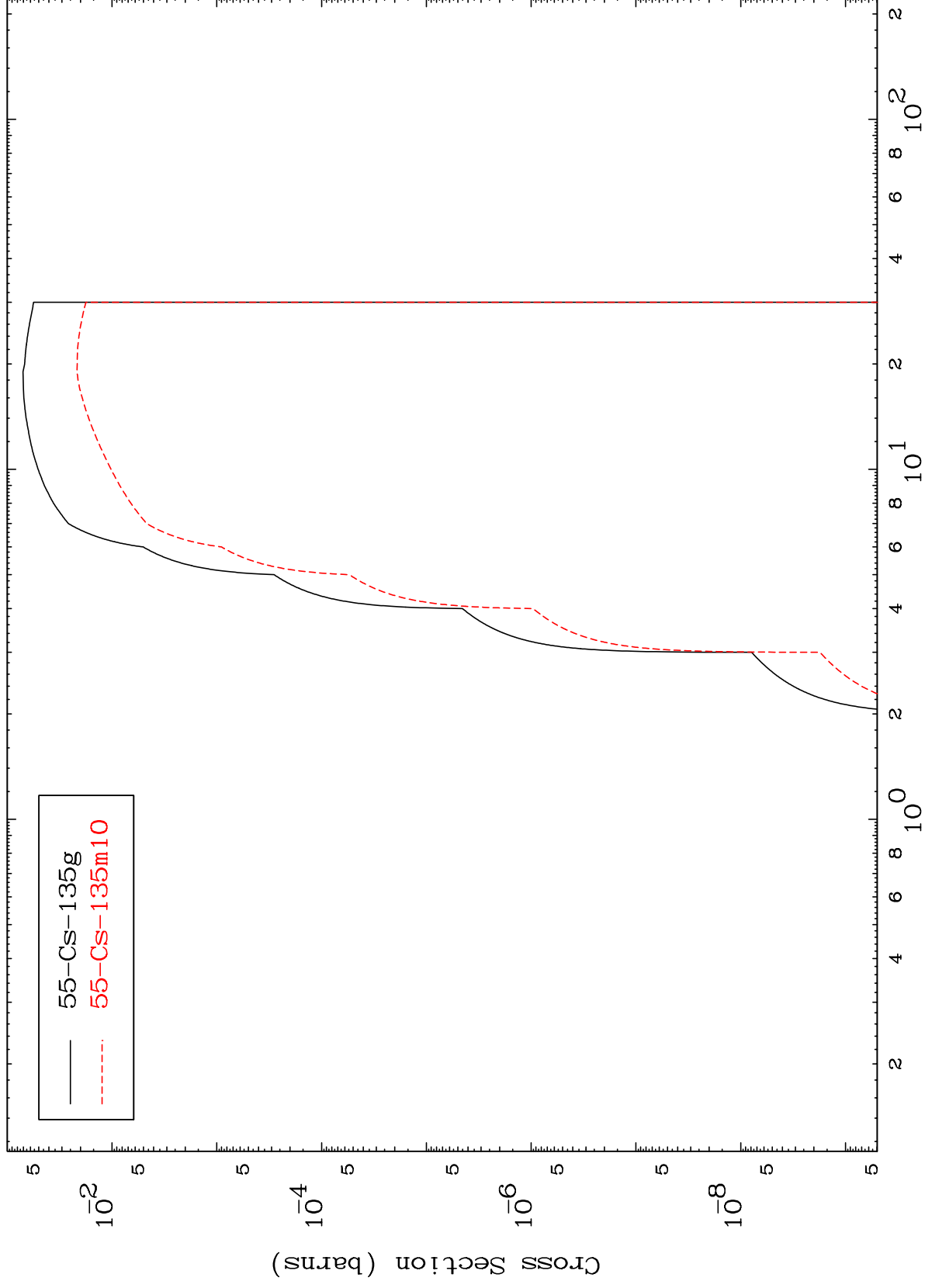
Incident Energy (MeV)

55-Cs-134

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55-Cs-134

(n,d)
Radionuclide Production Cross Section



25

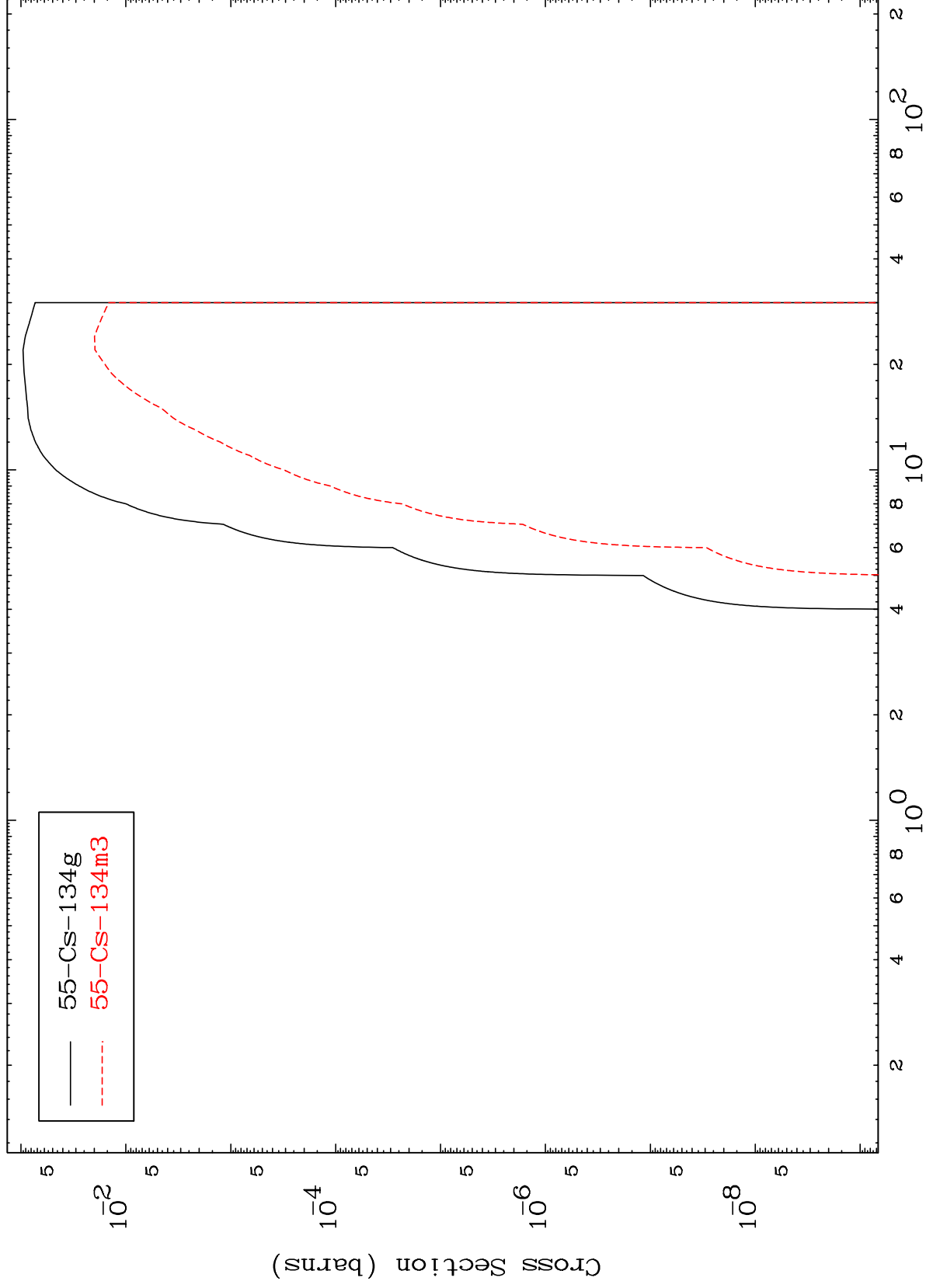
Incident Energy (MeV)

55-Cs-134

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55-Cs-134

(n,t)
Radionuclide Production Cross Section



26

55-Cs-134

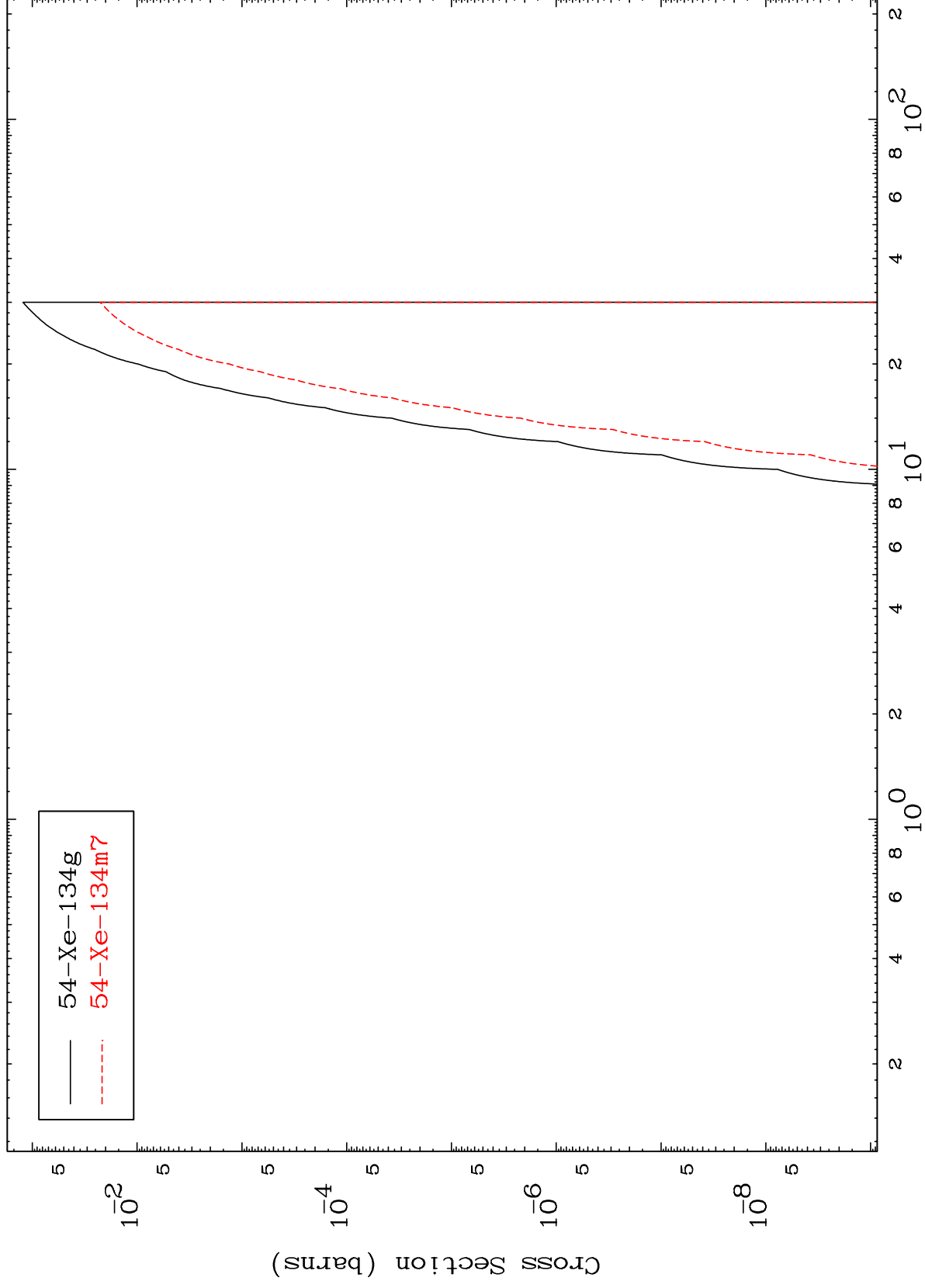
Incident Energy (MeV)

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(n,He-3)

55-Cs-134

Radionuclide Production Cross Section

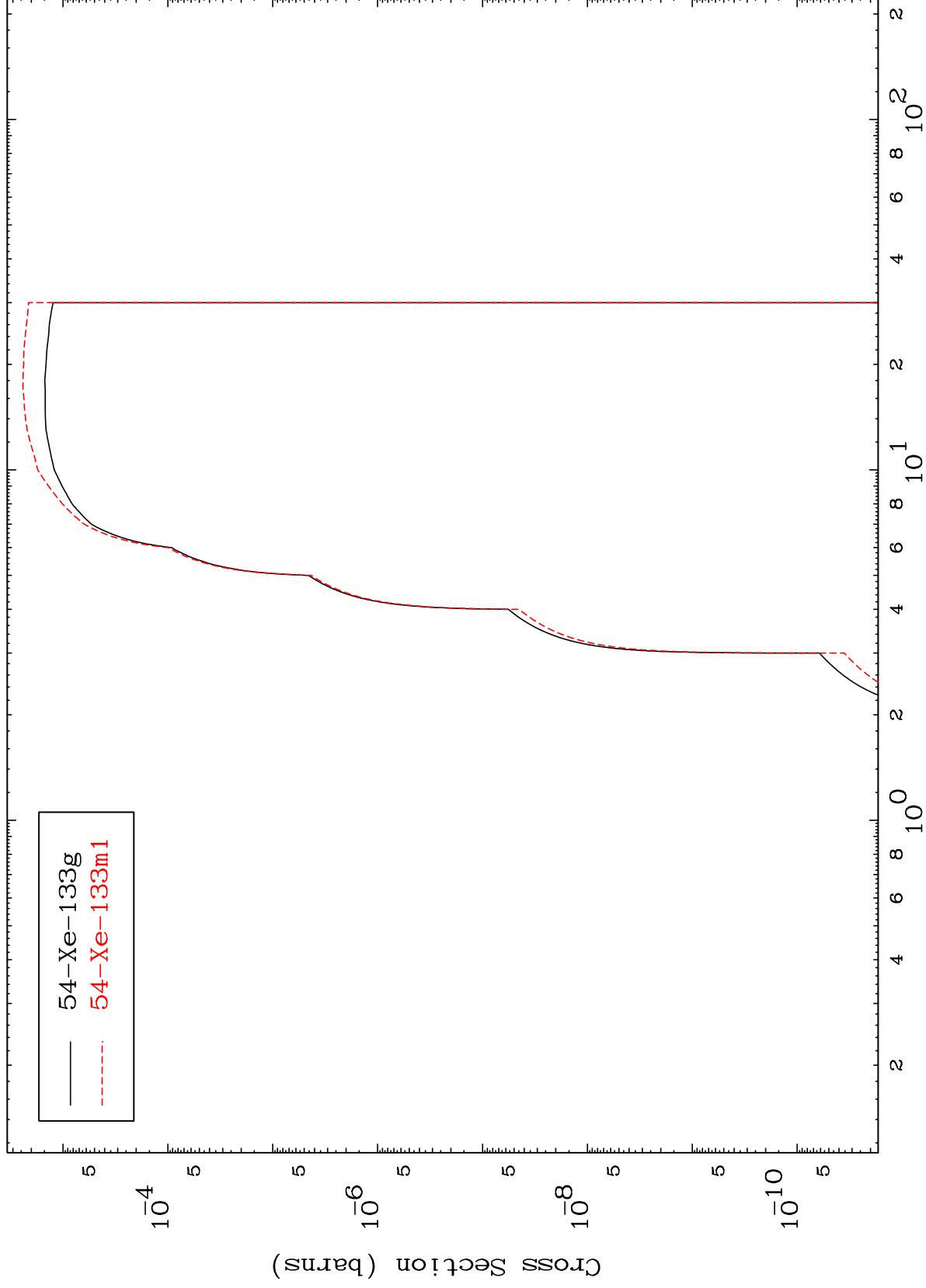


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Incident Energy (MeV)

55-Cs-134

Radionuclide Production Cross Section
(n, α)

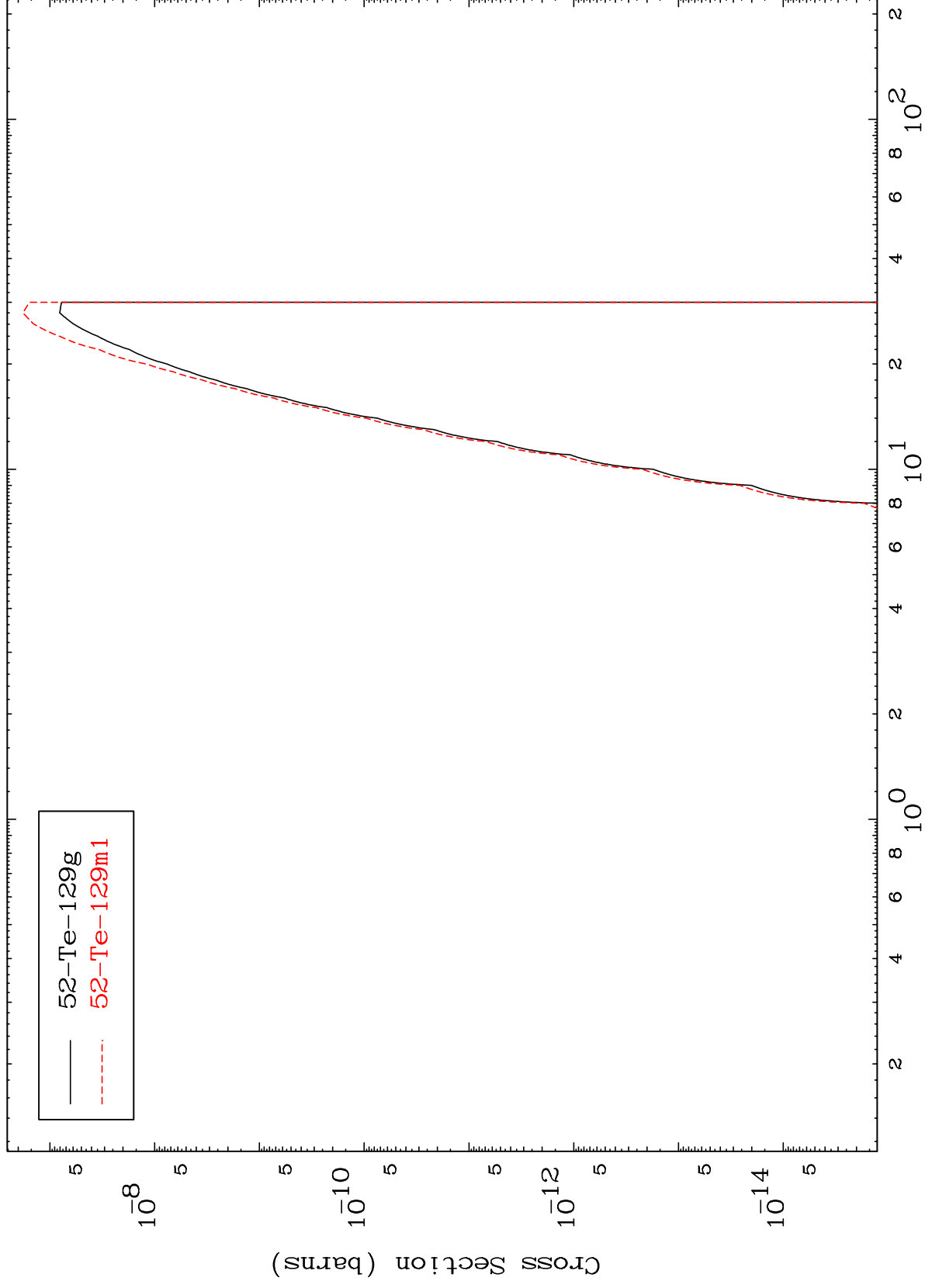


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(n,2α)

55-Cs-134

Radionuclide Production Cross Section



29

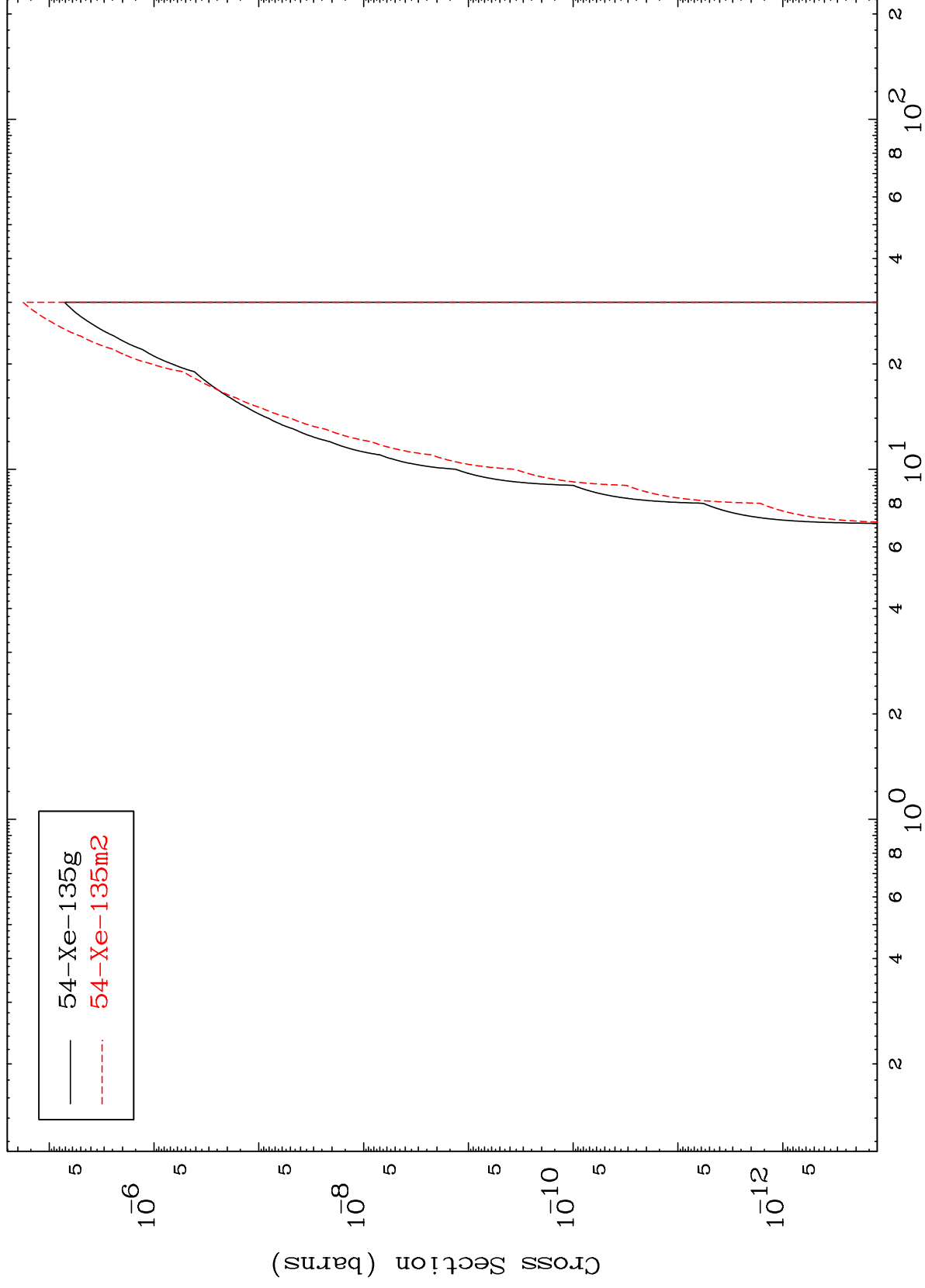
Incident Energy (MeV)

55-Cs-134

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55-Cs-134

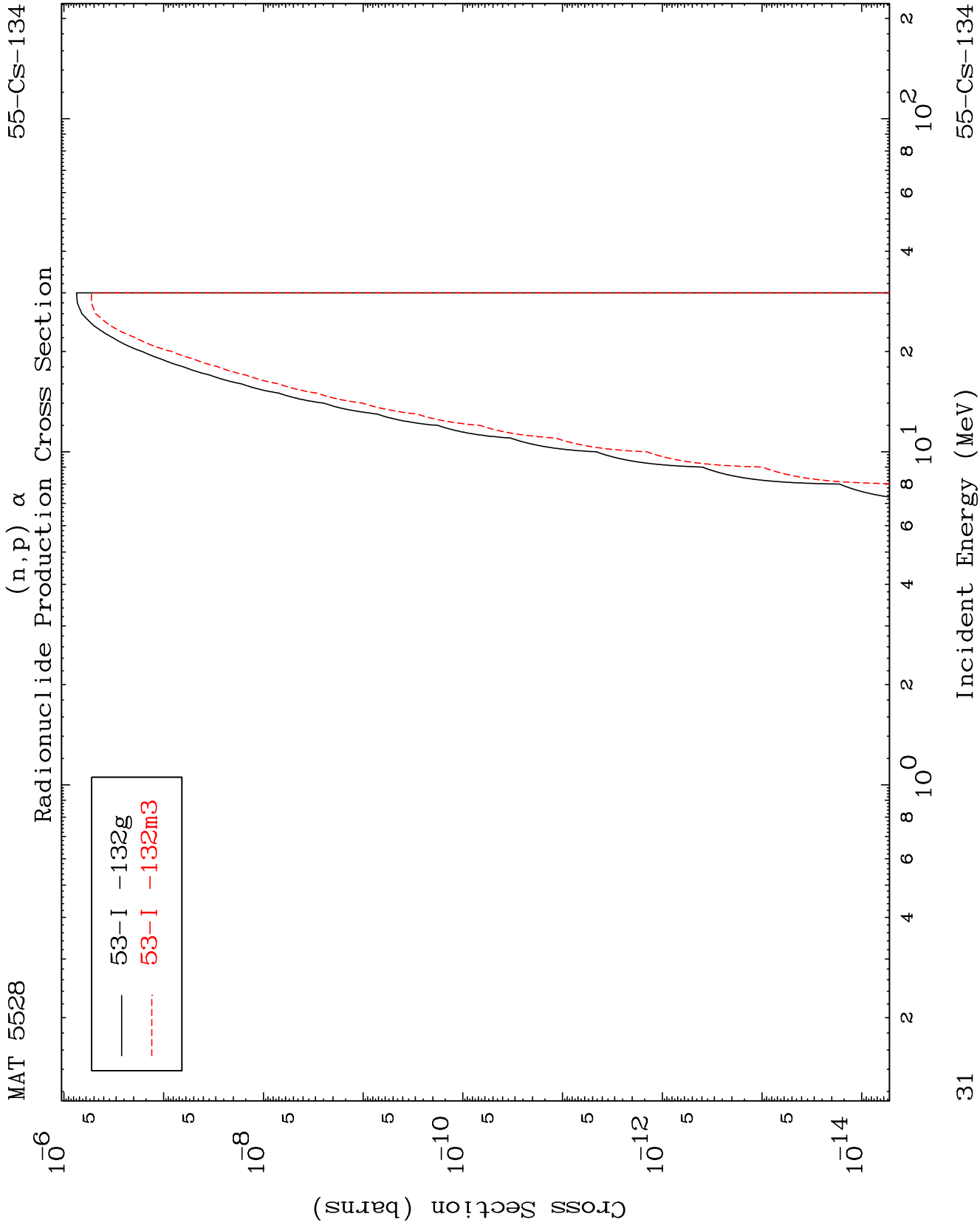
Radionuclide Production Cross Section
(n,2p)



30

Incident Energy (MeV)

55-Cs-134

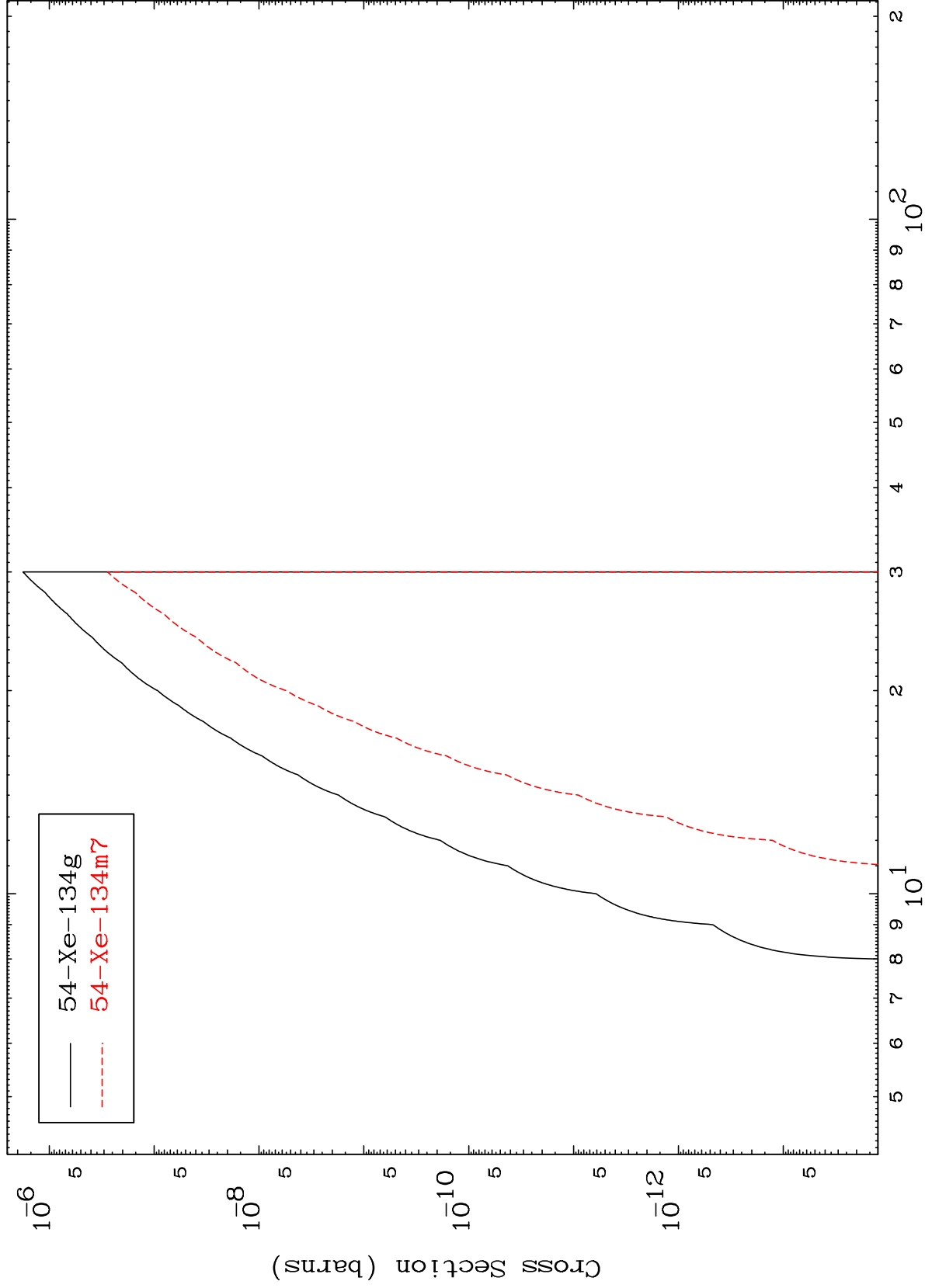


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55-Cs-134

(n,p) d

Radionuclide Production Cross Section



32

Incident Energy (MeV)

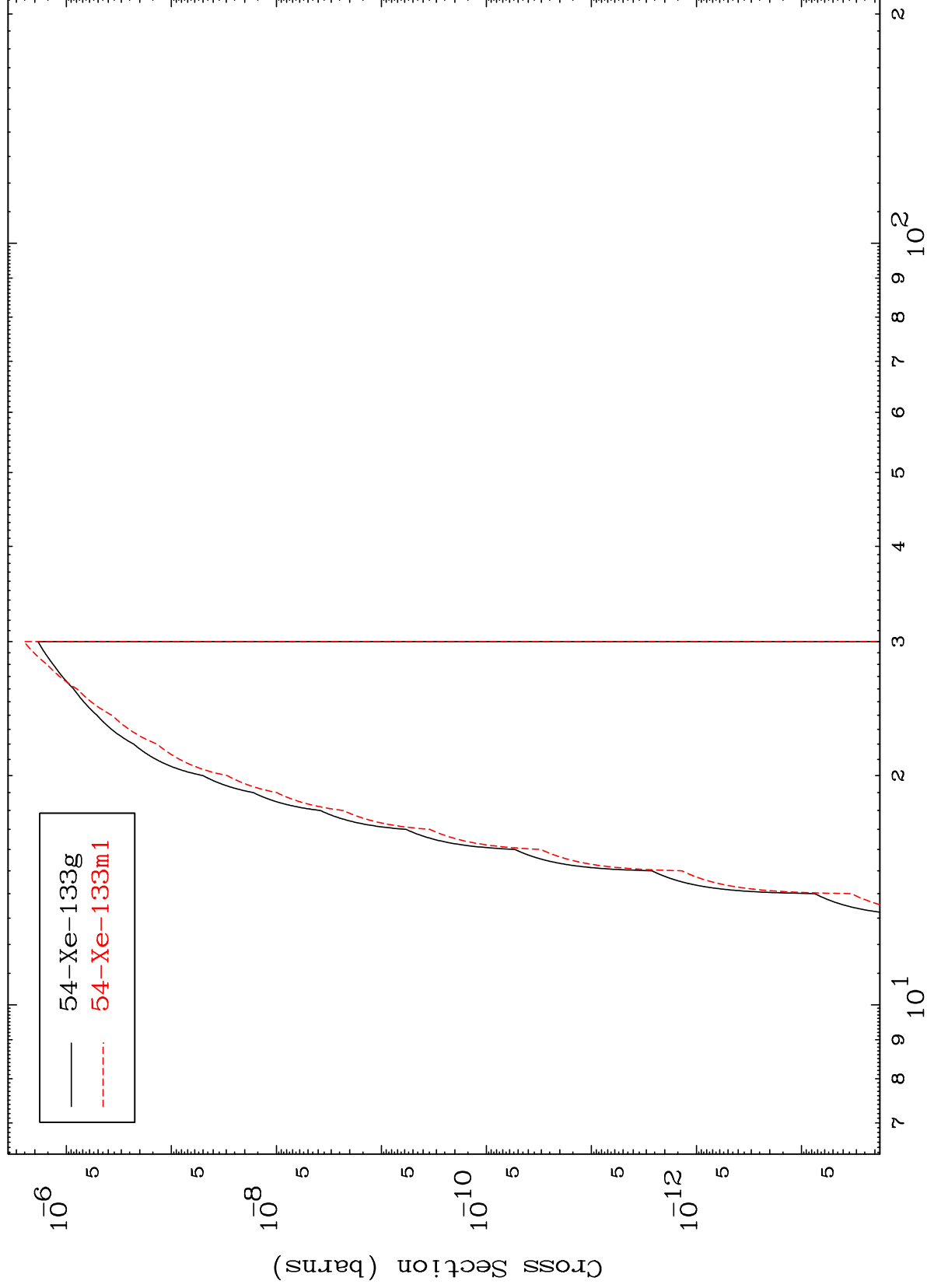
55-Cs-134

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(n,p) t

55-Cs-134

Radionuclide Production Cross Section



33

Incident Energy (MeV)

55-Cs-134