

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

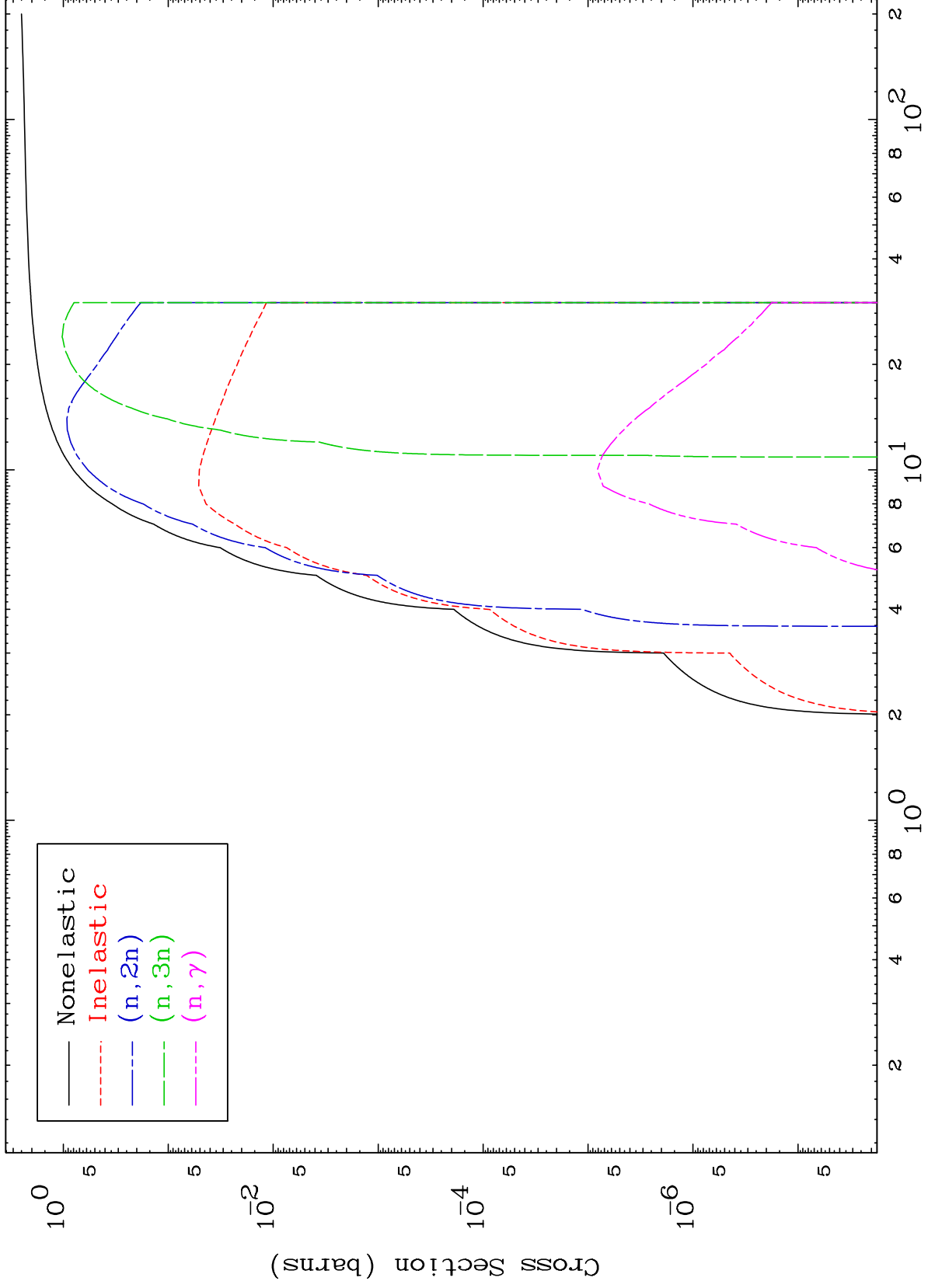
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

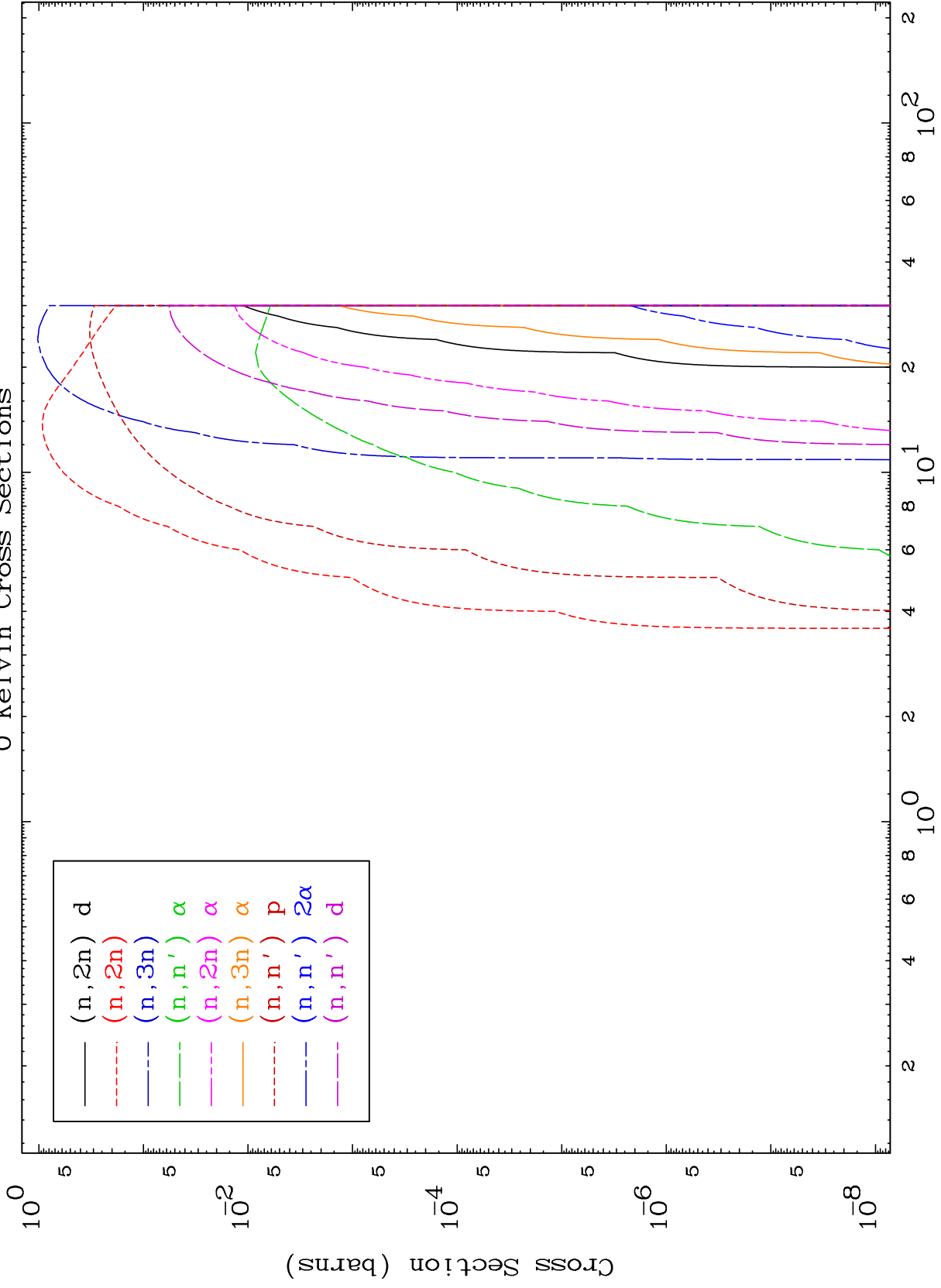
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

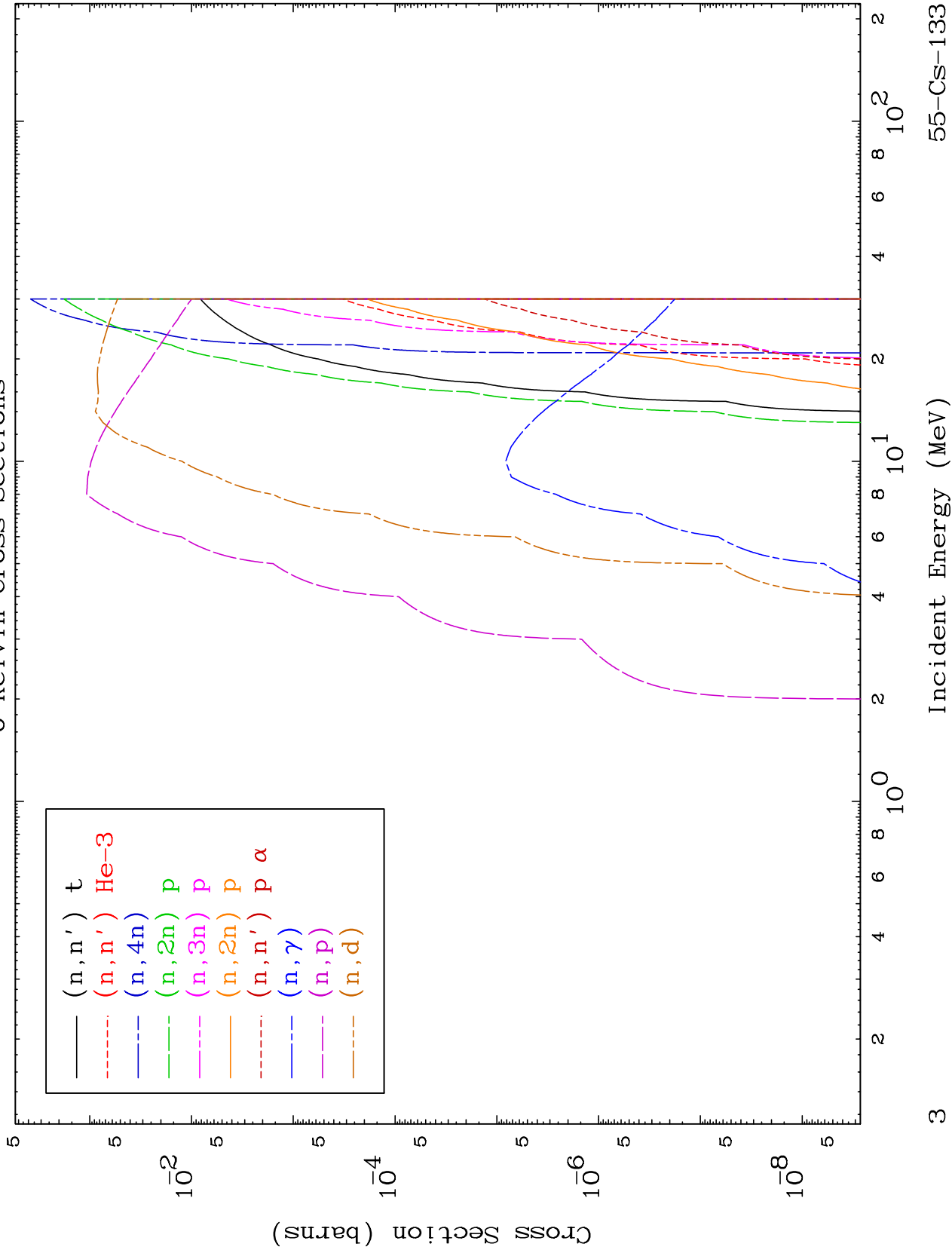


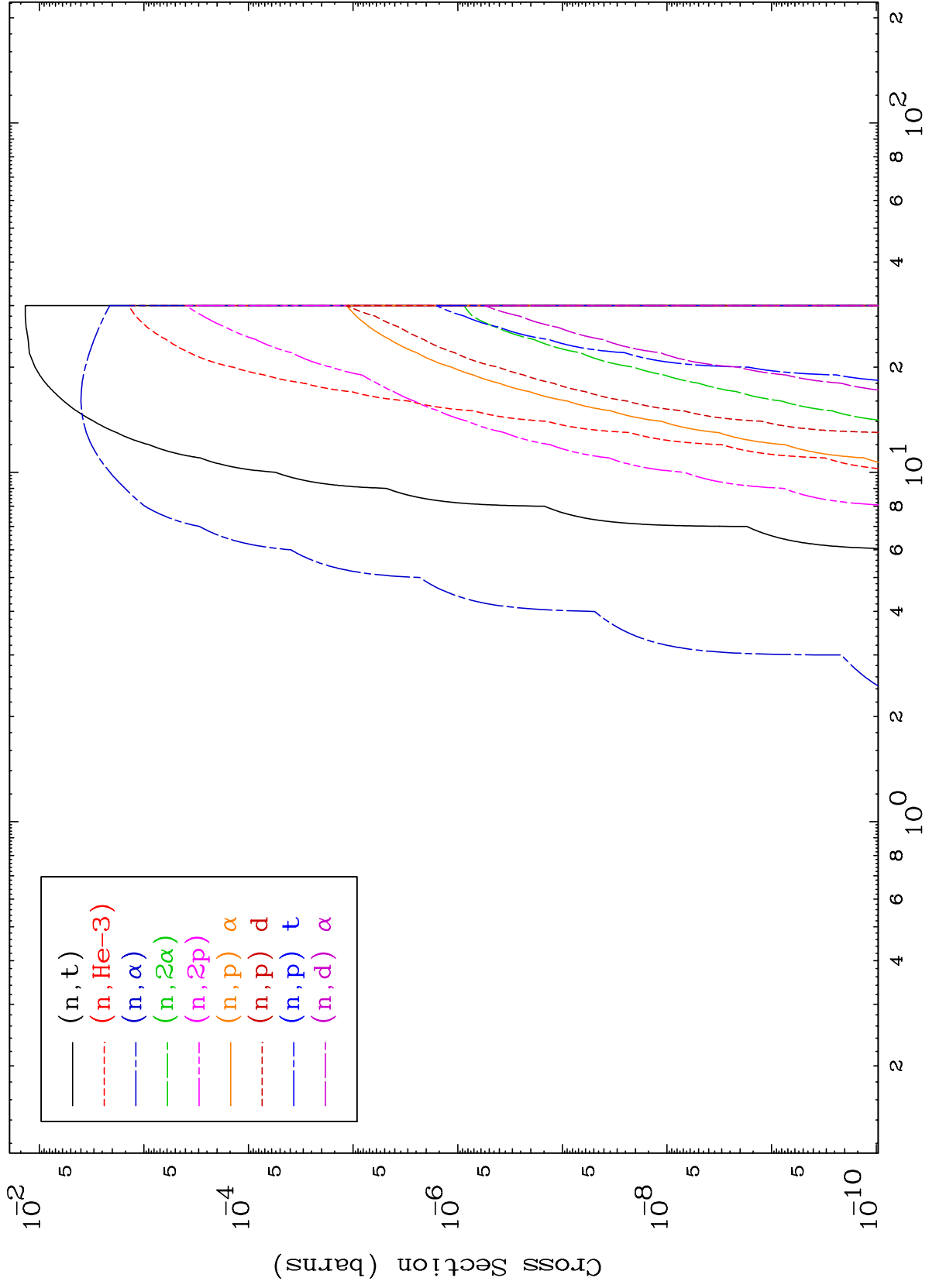


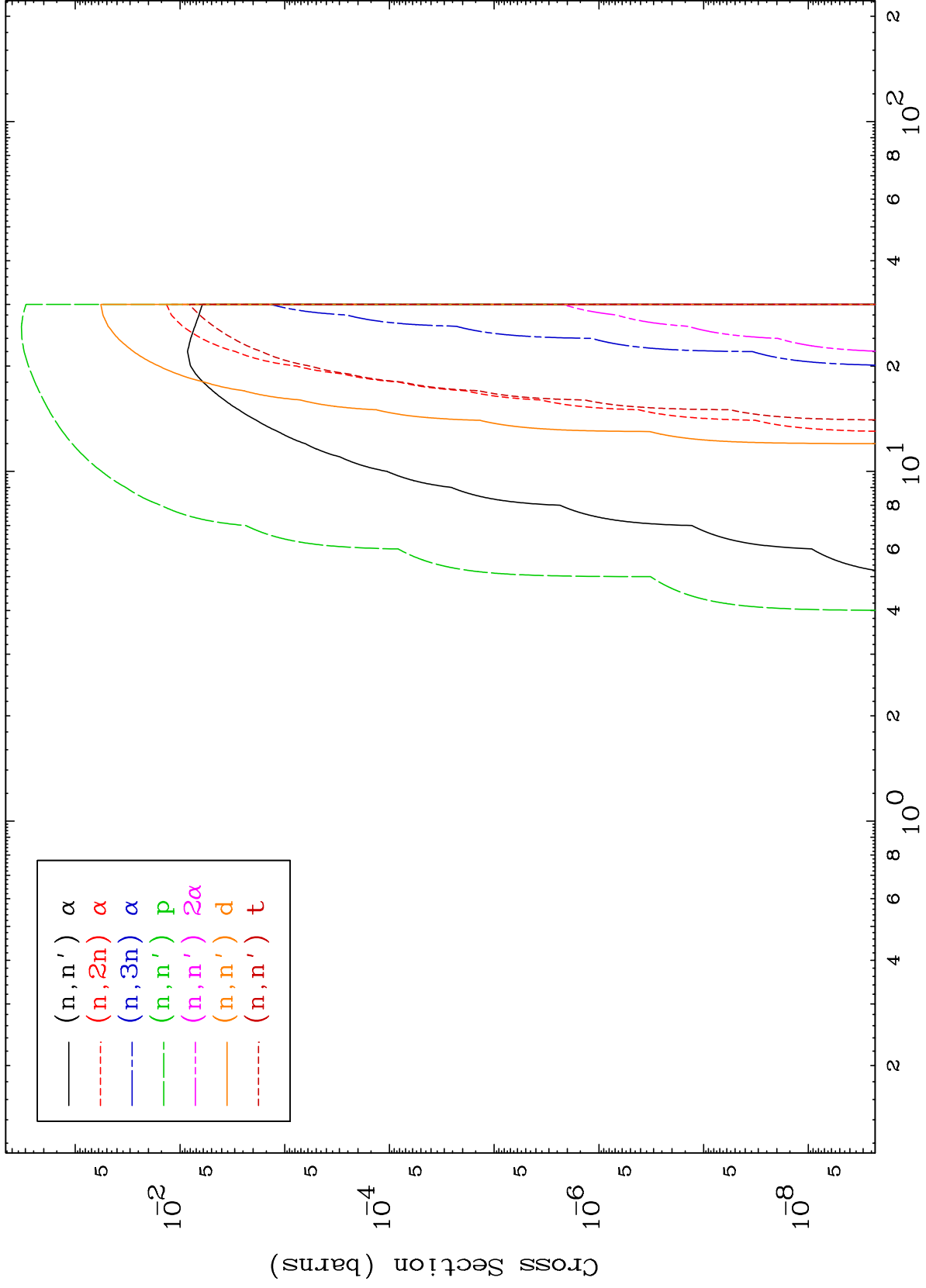
MAT 5525

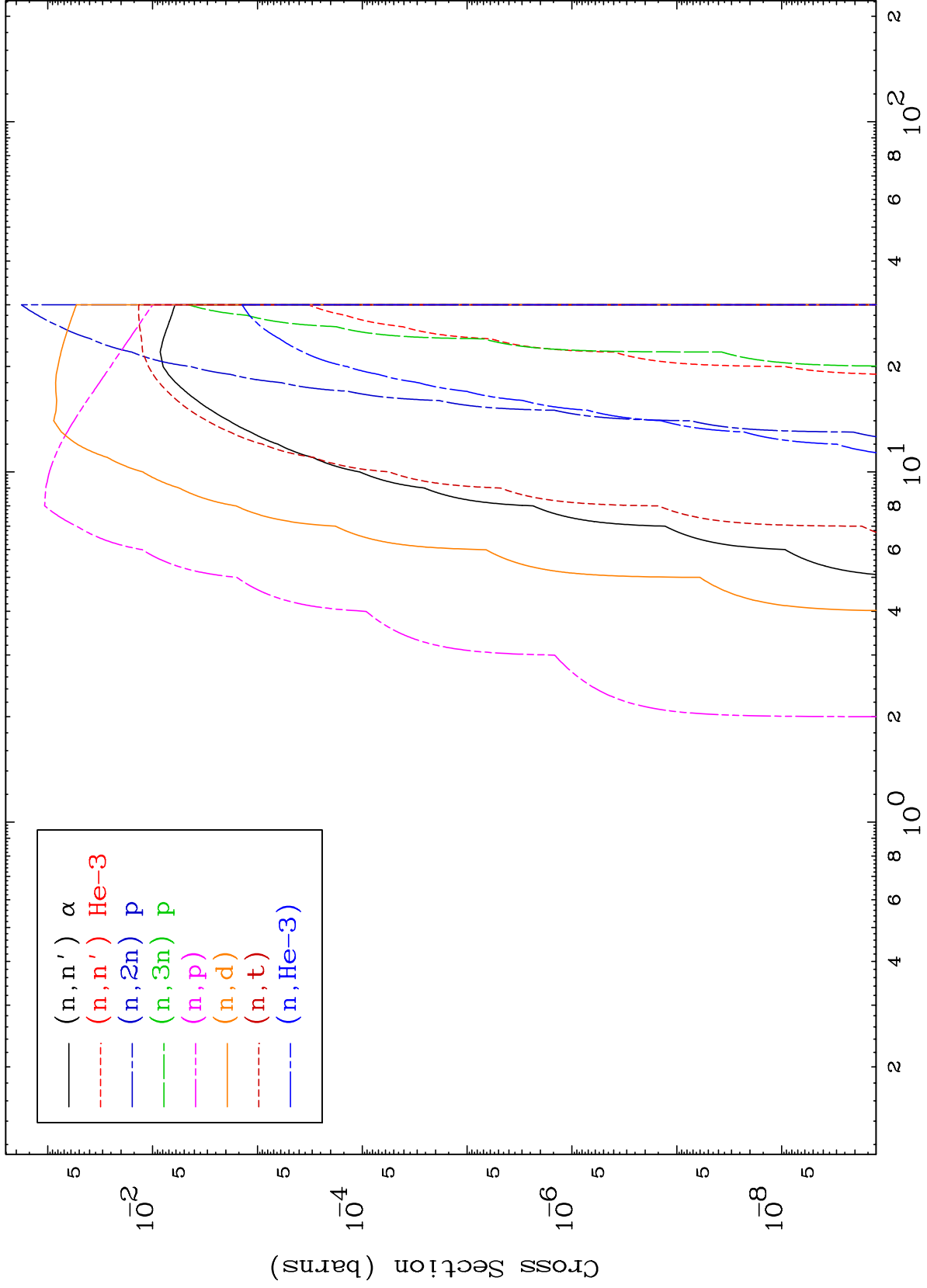
Deuteron Neutron Absorption
0 Kelvin Cross Sections

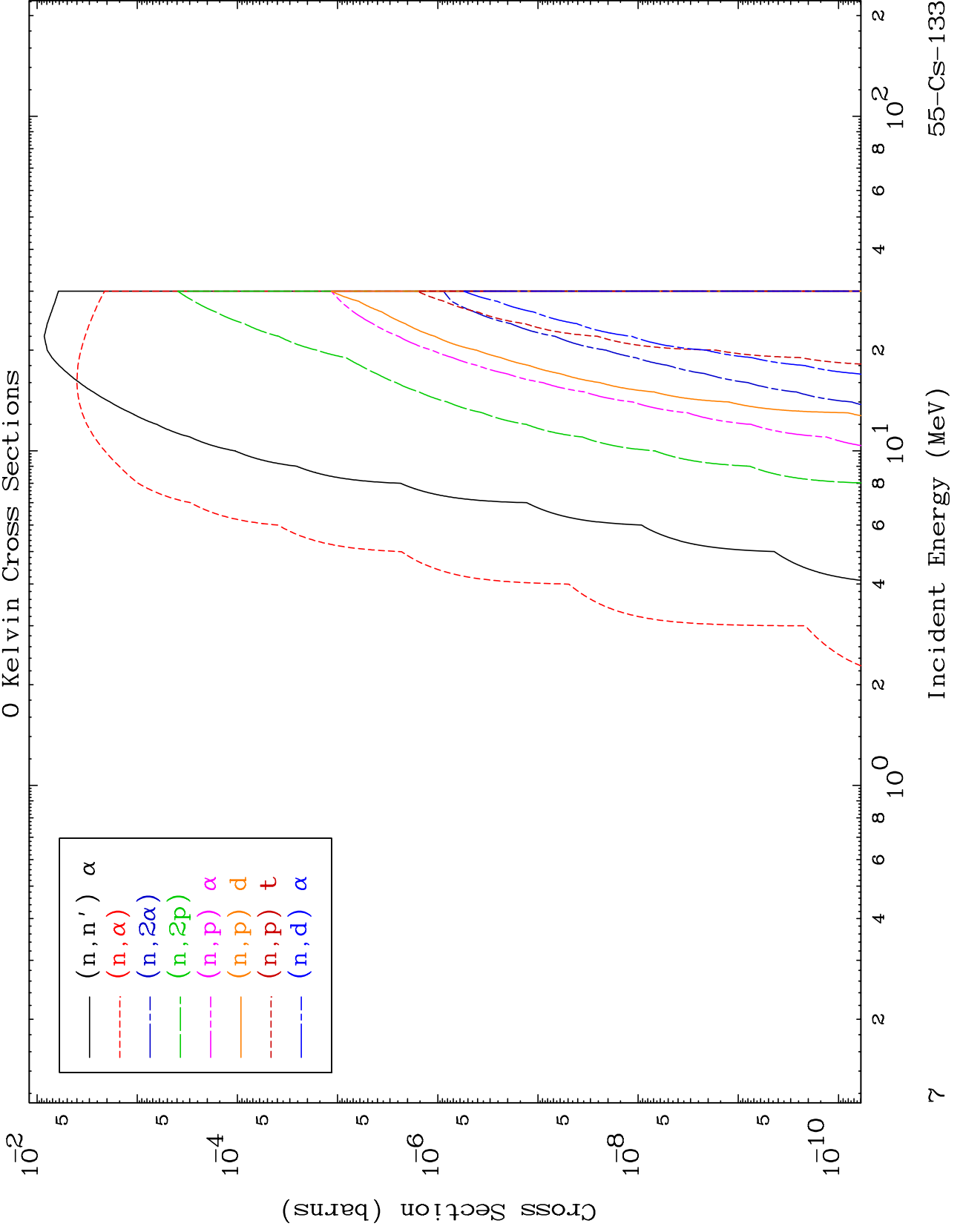
55-Cs-133







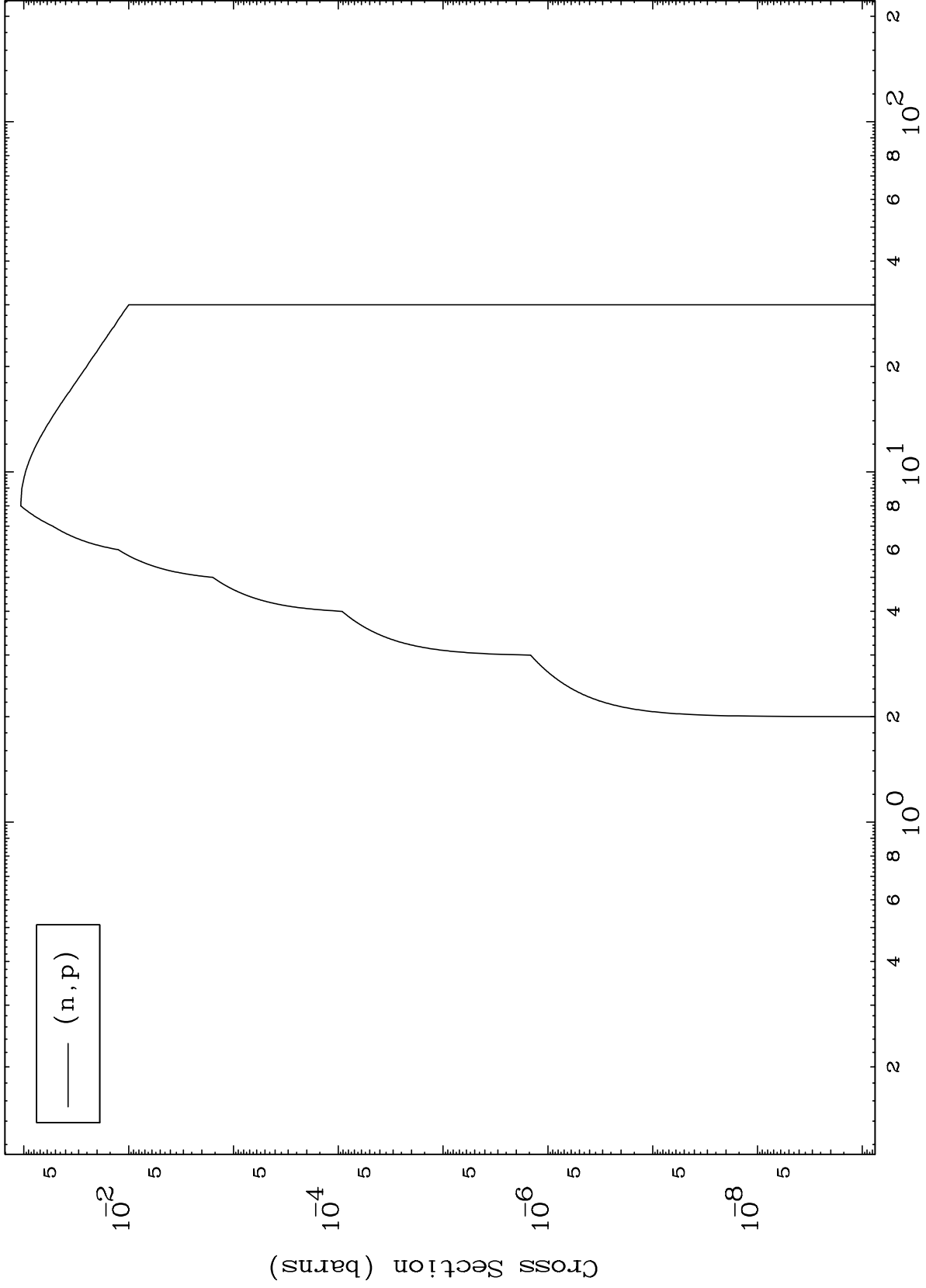




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(d,p) Levels
0 Kelvin Cross Sections

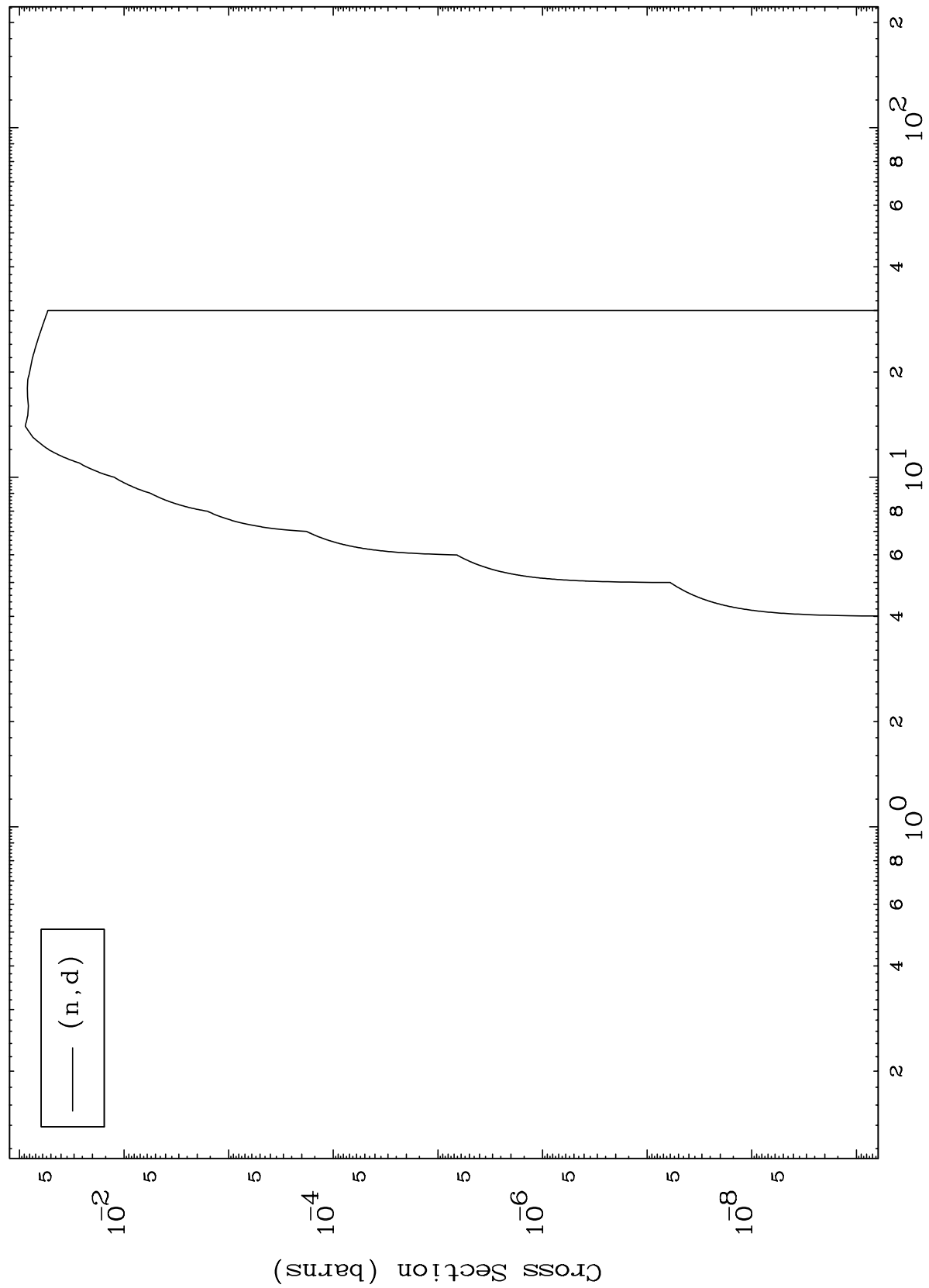
55-Cs-133



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55-Cs-133

(d,d) Levels
0 Kelvin Cross Sections



55-Cs-133

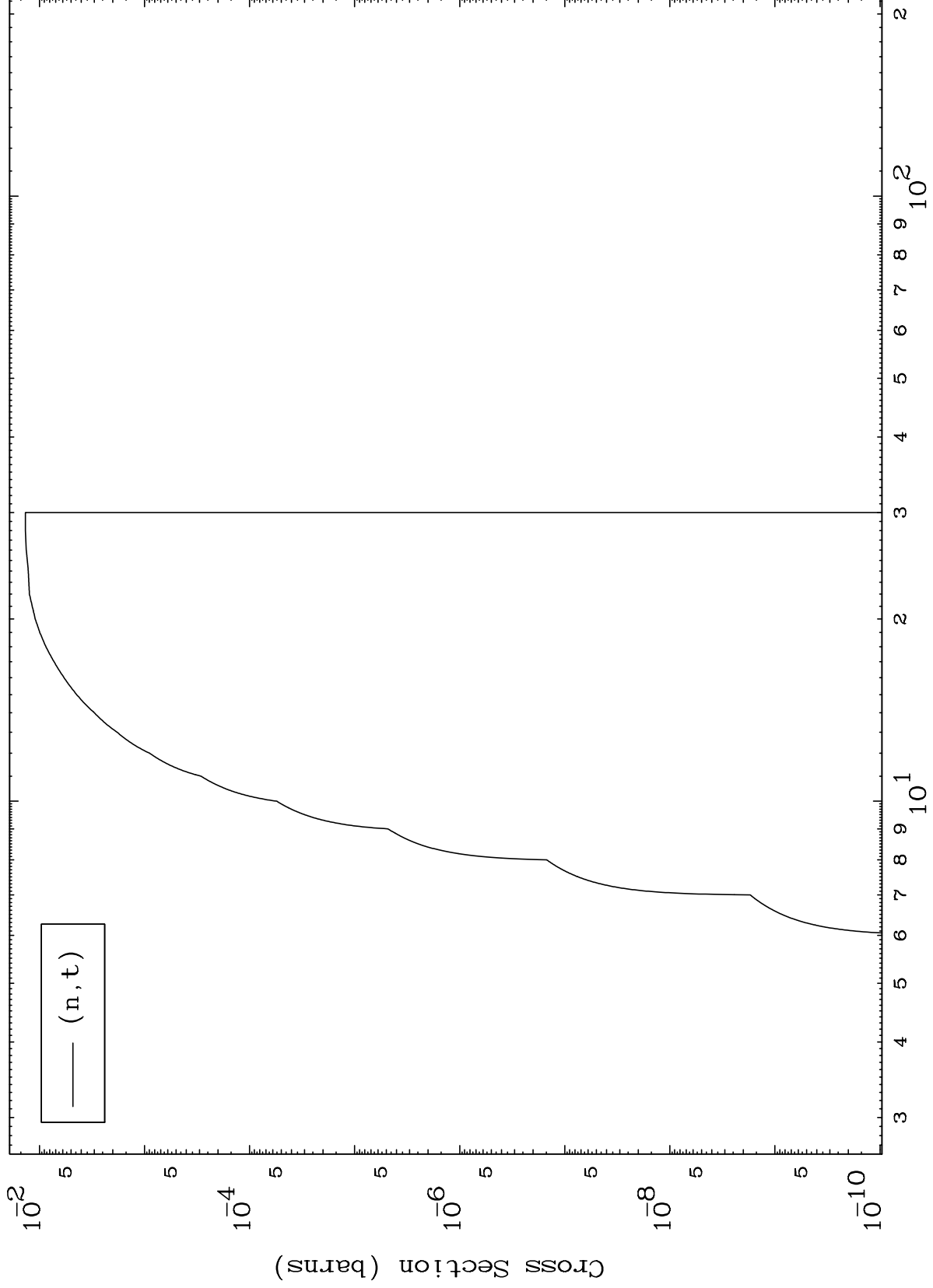
Incident Energy (MeV)

MAT 5525

(d,t) Levels

55-Cs-133

0 Kelvin Cross Sections



10

Incident Energy (MeV)

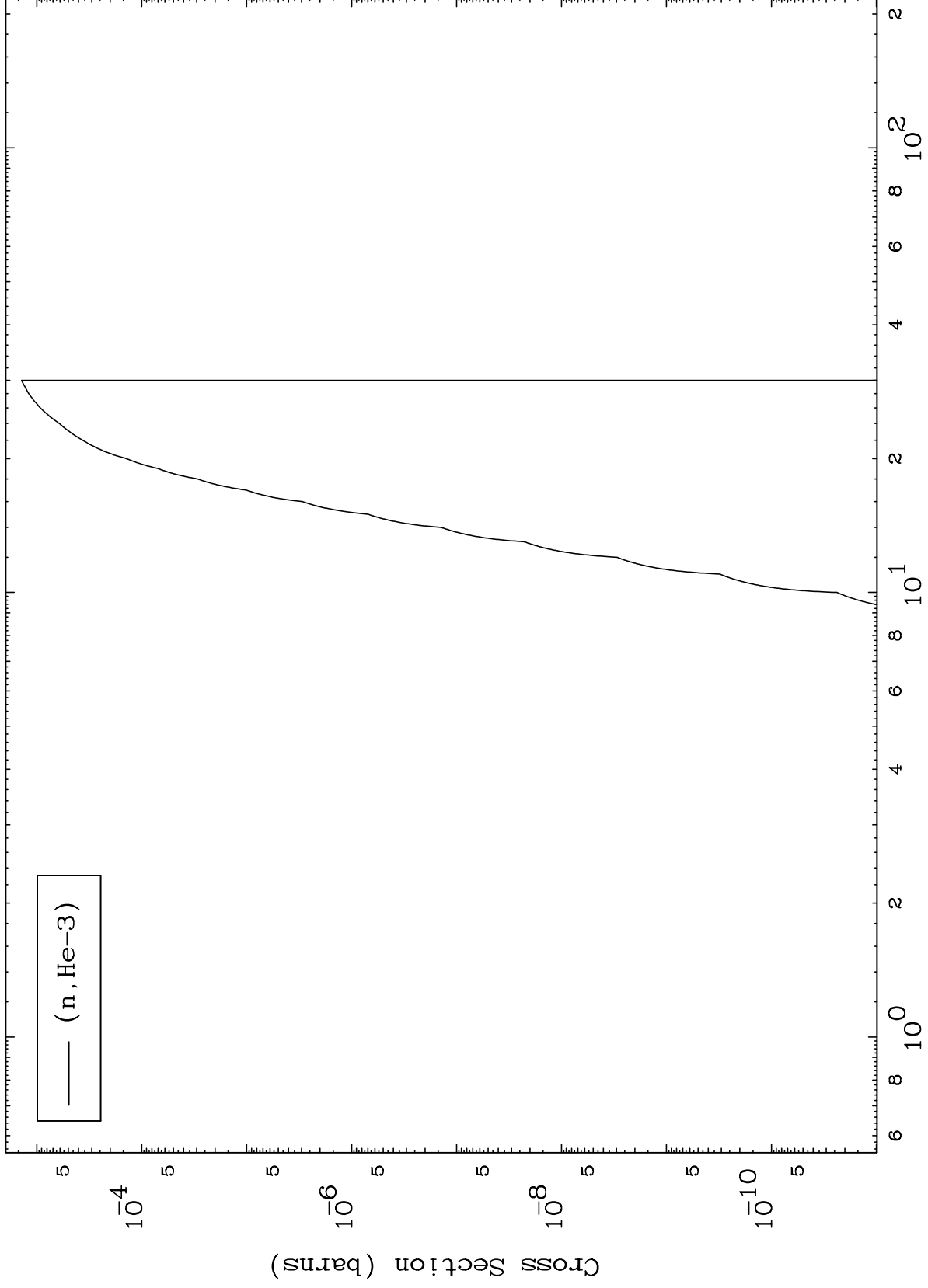
55-Cs-133

MAT 5525

(d,He3) Levels

55-Cs-133

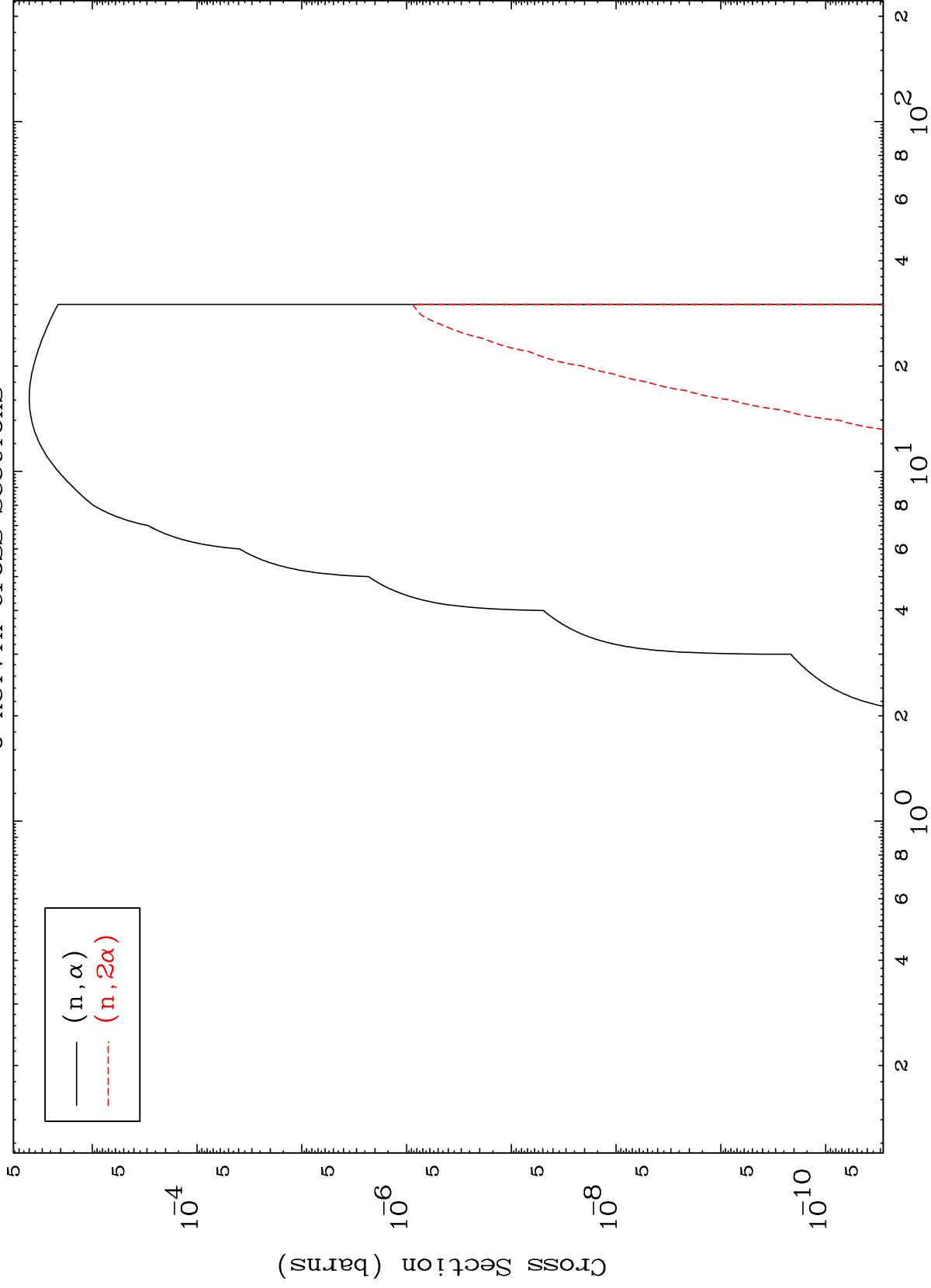
0 Kelvin Cross Sections



MAT 5525

(d, α) Levels
0 Kelvin Cross Sections

55-Cs-133



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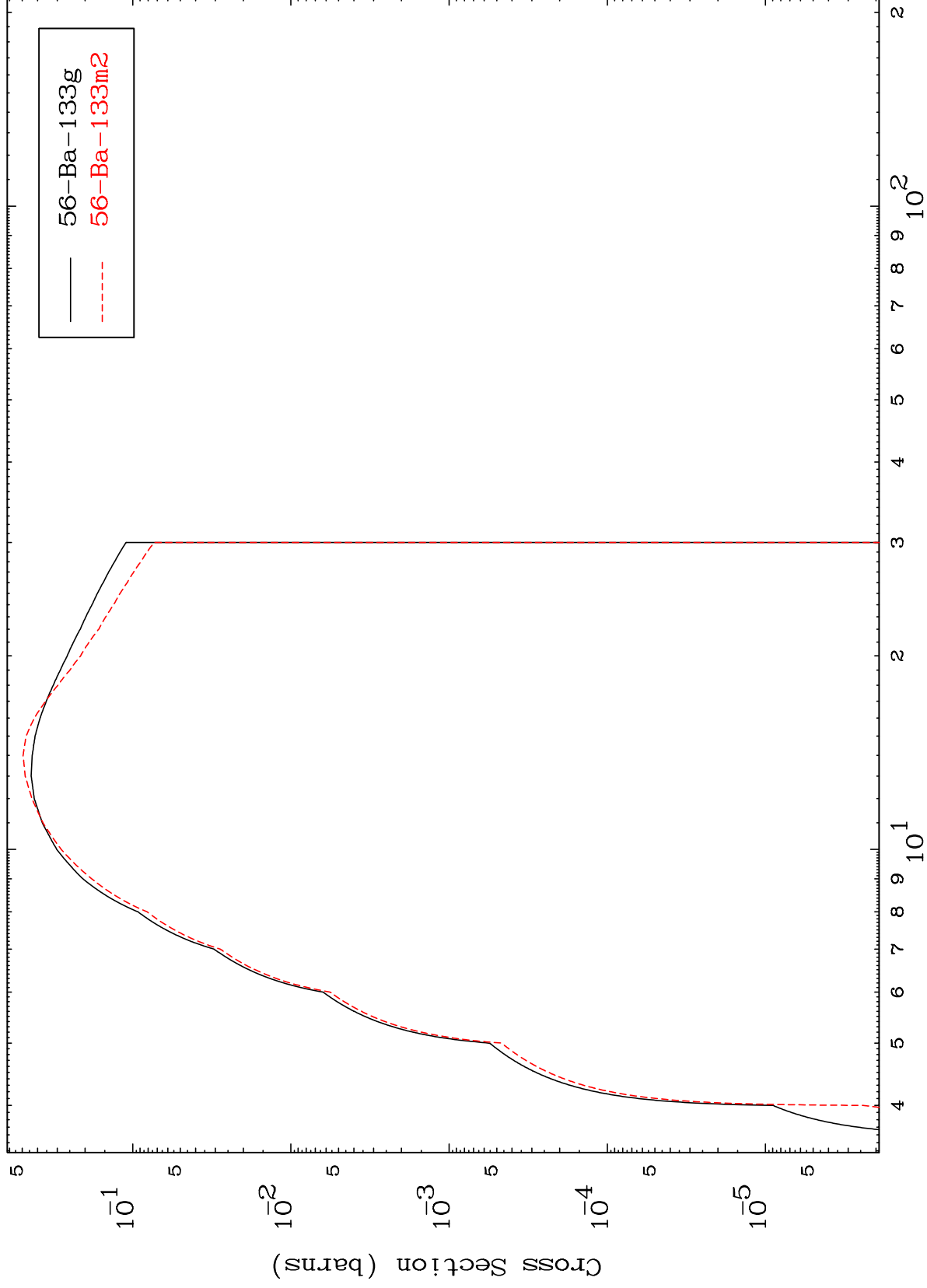
55-Cs-133

MAT 5525

(n,2n)

55-Cs-133

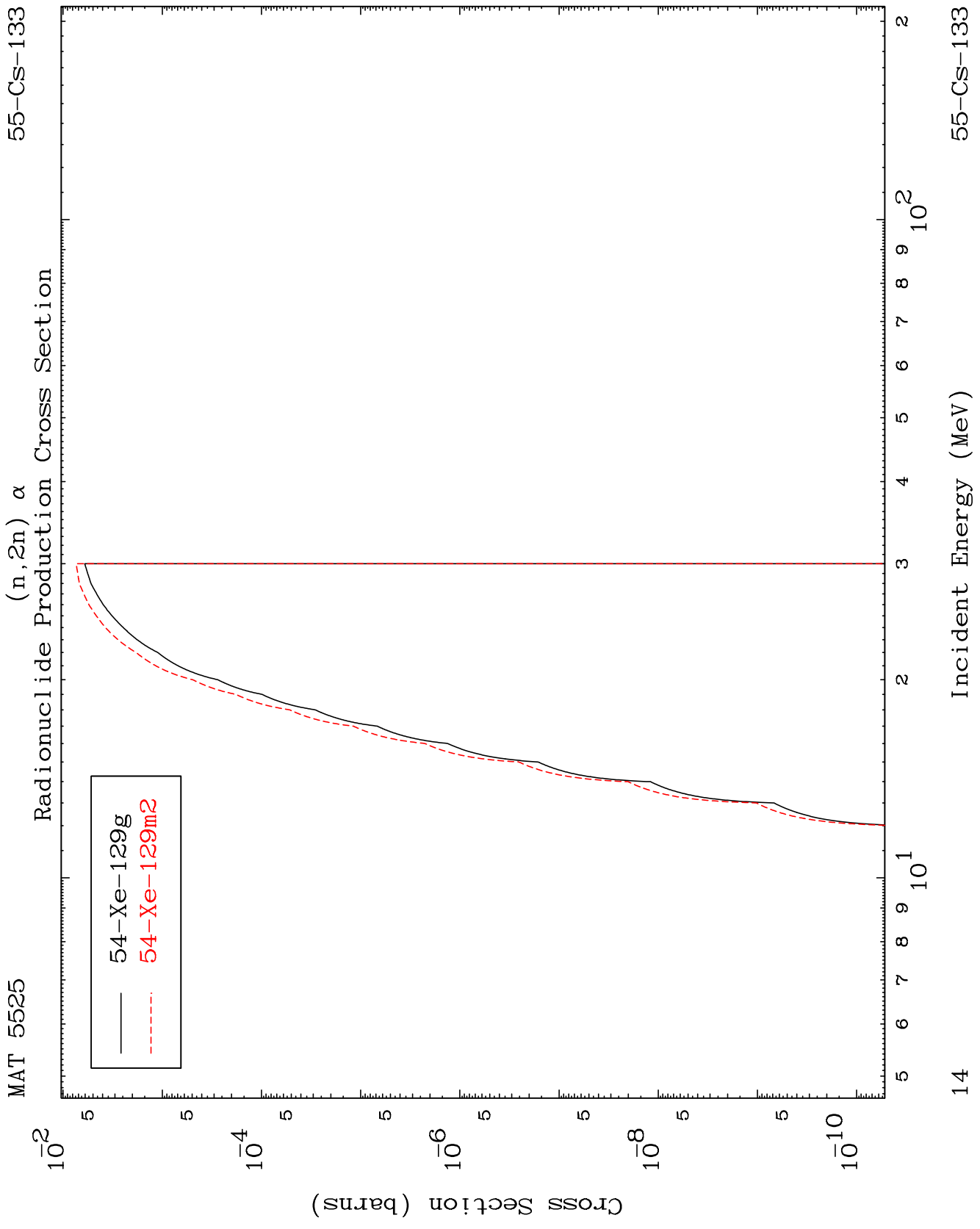
Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-133

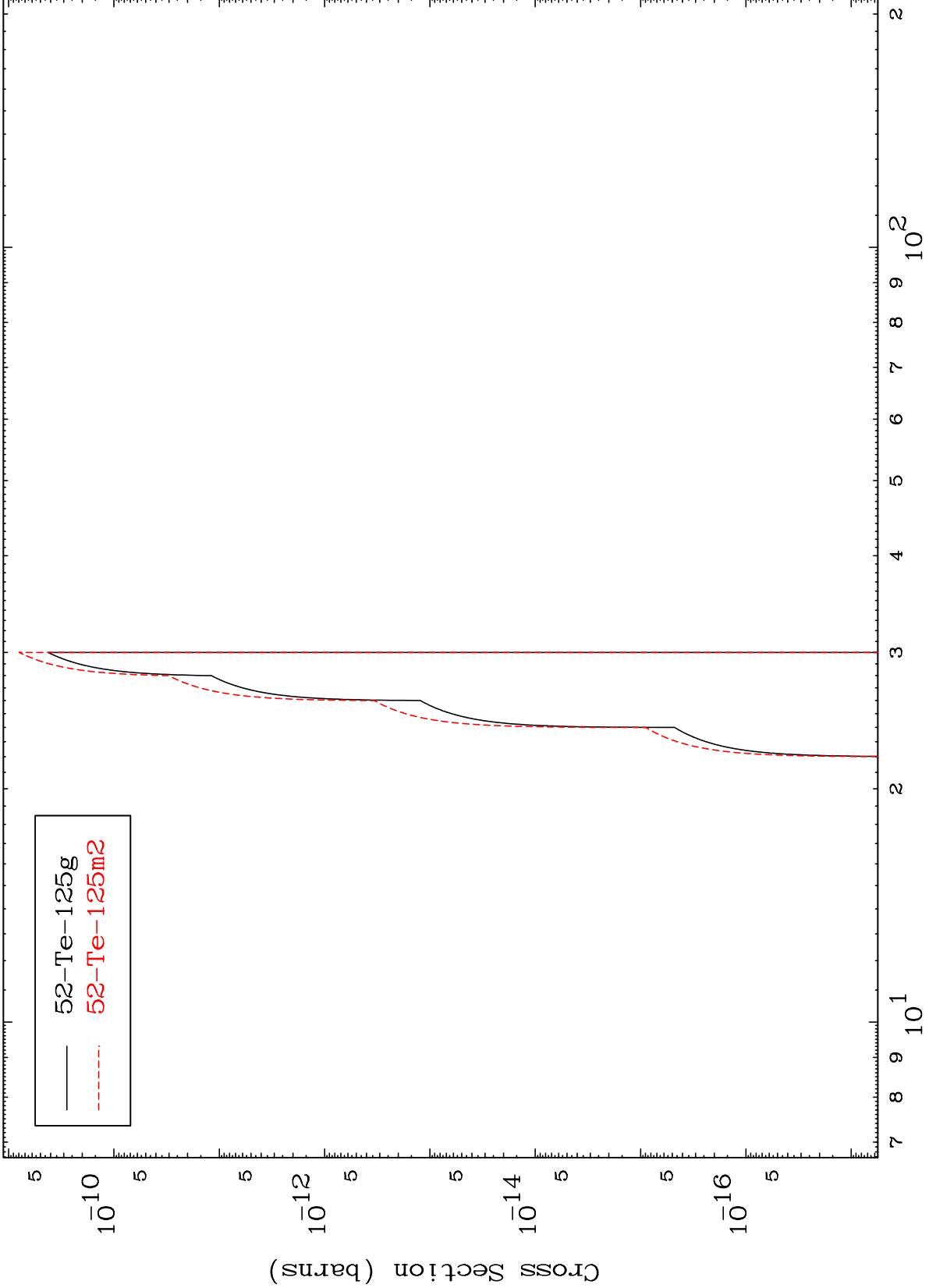


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(n,2n) 2α

55-Cs-133

Radionuclide Production Cross Section



52-Te-125g
52-Te-125m2

15

Incident Energy (MeV)

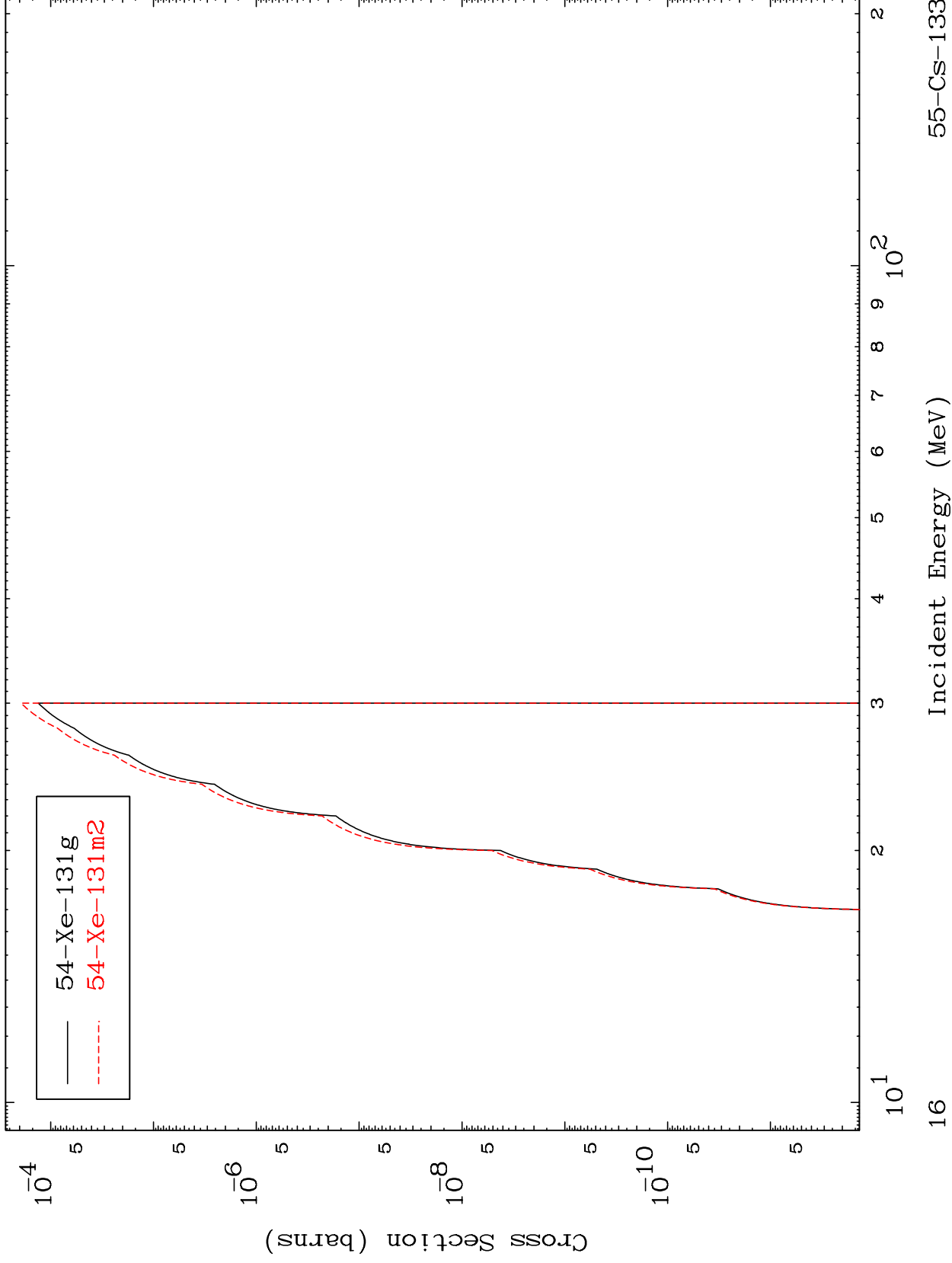
55-Cs-133

MAT 5525

(n,n') He-3

55-Cs-133

Radionuclide Production Cross Section

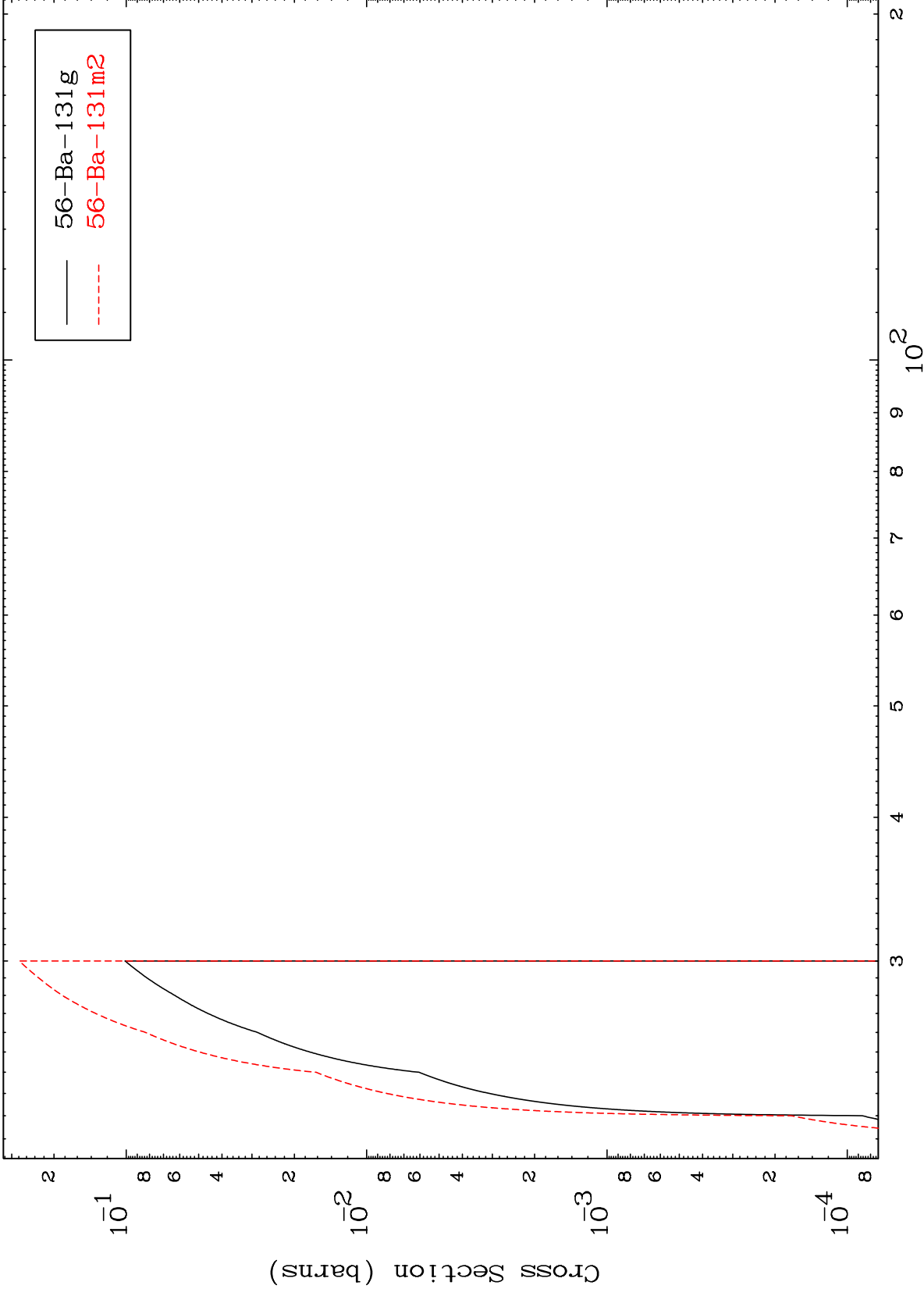


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(n,4n)

55-Cs-133

Radionuclide Production Cross Section



17

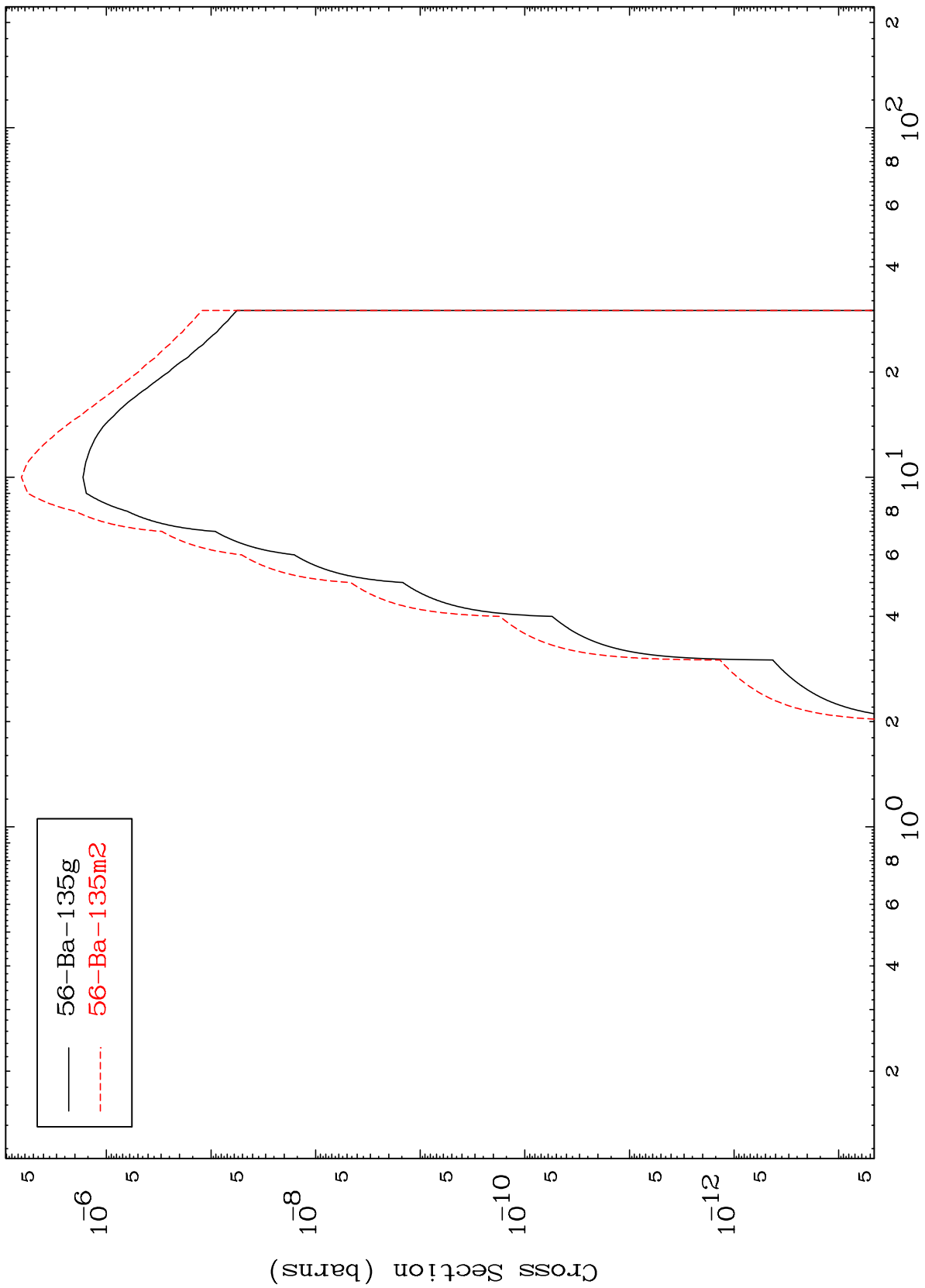
Incident Energy (MeV)

55-Cs-133

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55-Cs-133

(n, γ)
Radionuclide Production Cross Section



18

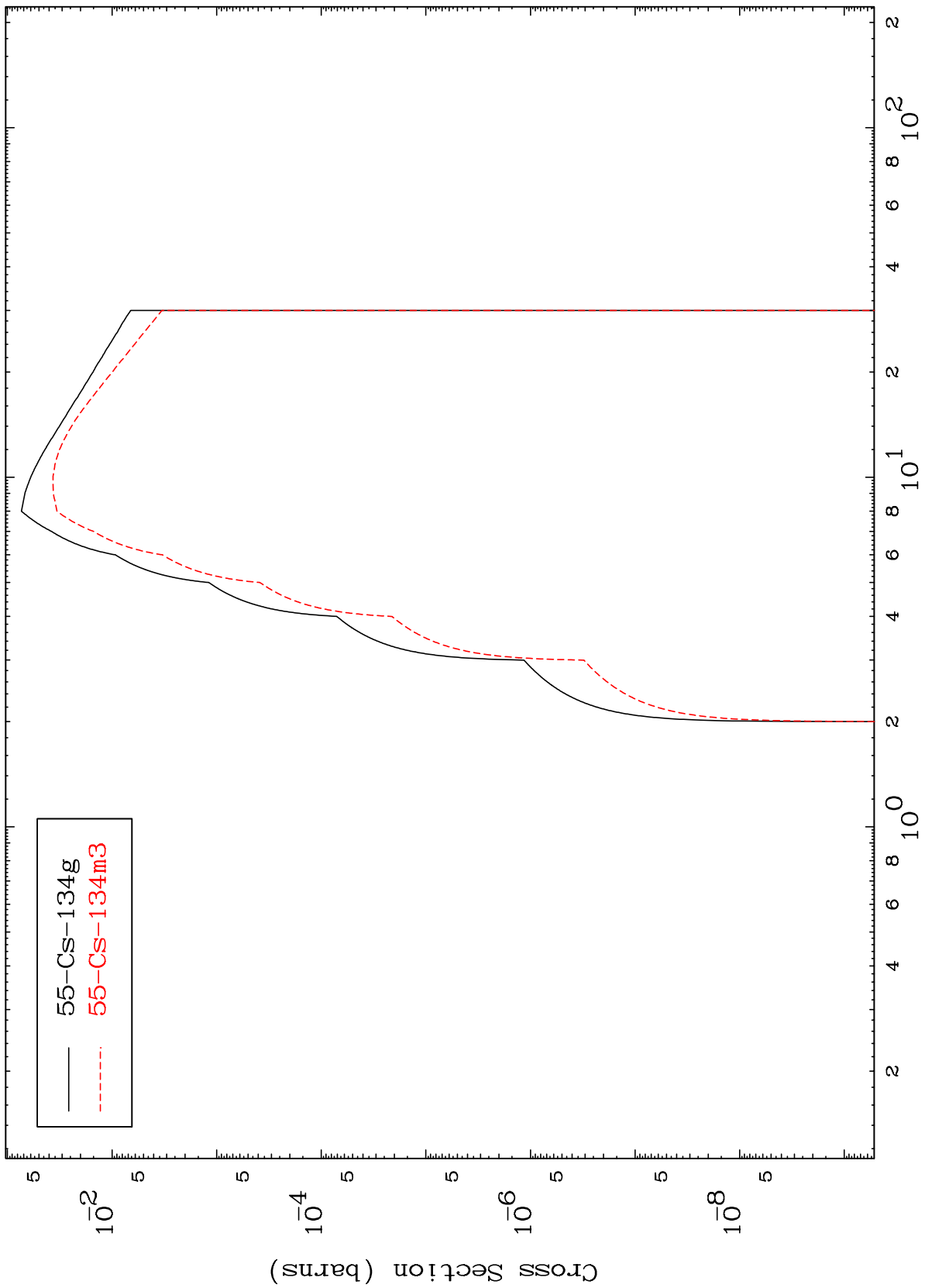
55-Cs-133

Incident Energy (MeV)

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55-Cs-133

(n,p)
Radionuclide Production Cross Section



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

55-Cs-133

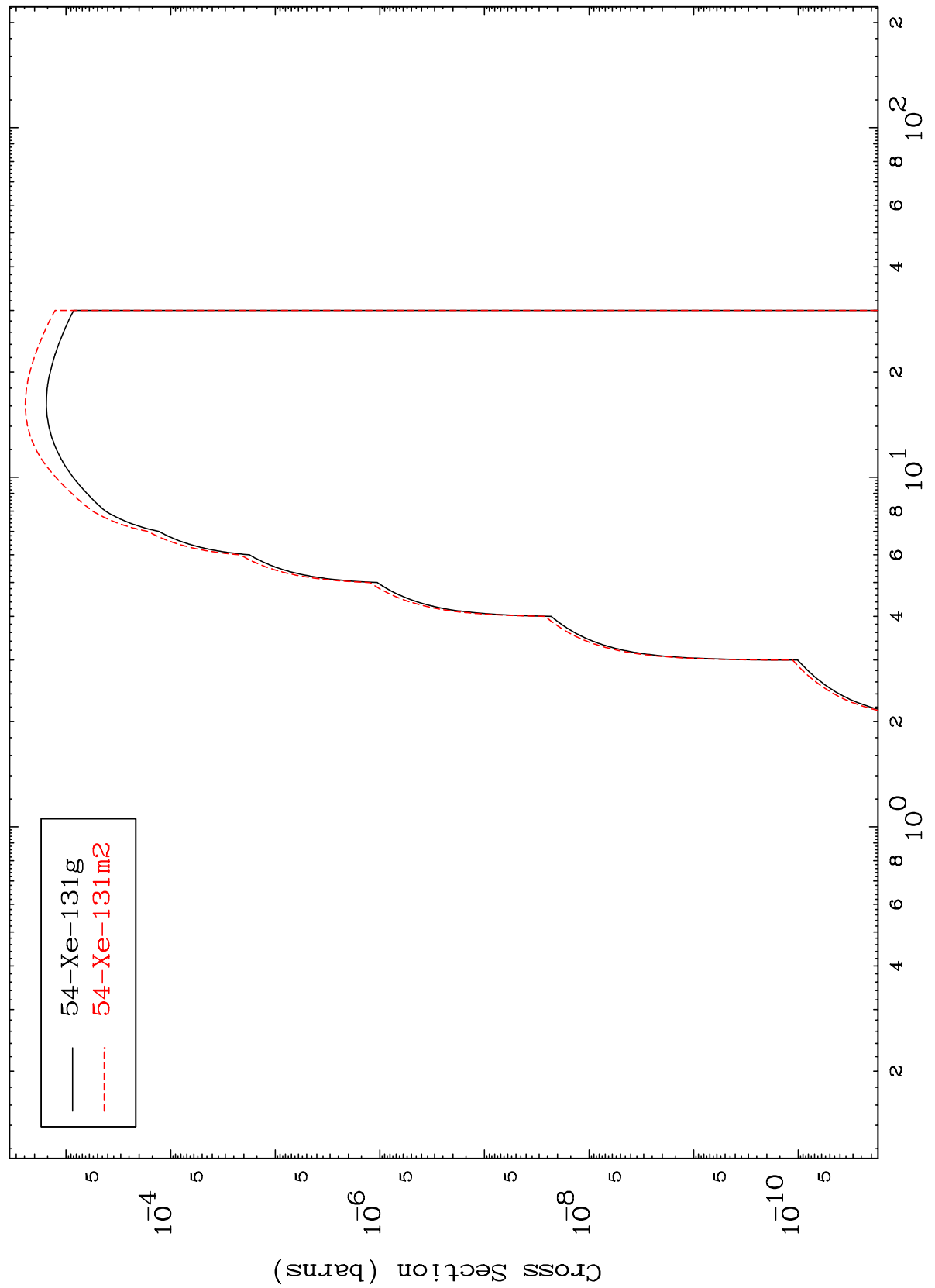
Incident Energy (MeV)

19

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55-Cs-133

(n, α)
Radionuclide Production Cross Section



20

55-Cs-133

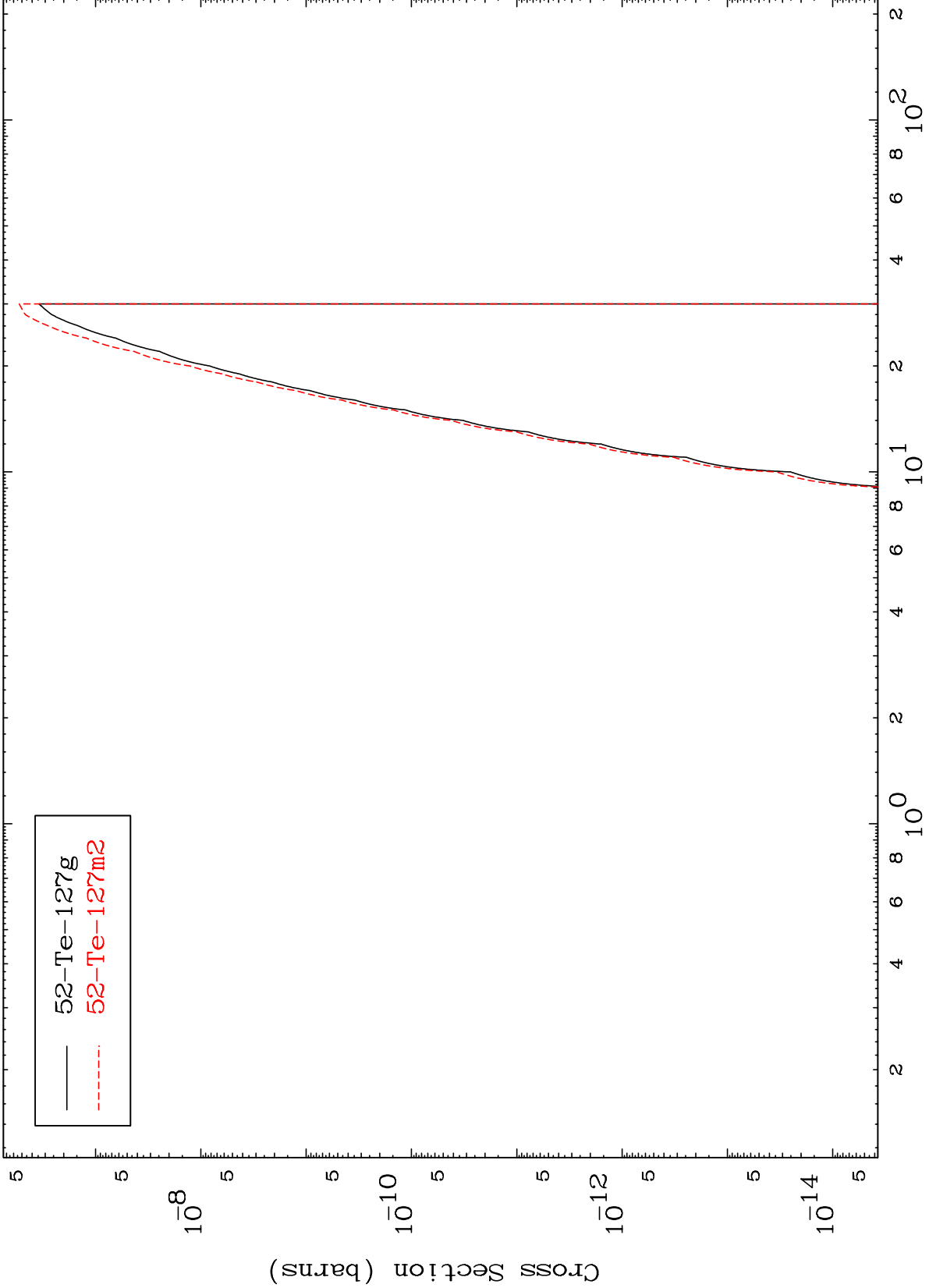
Incident Energy (MeV)

MAT 5525

(n,2α)

55-Cs-133

Radionuclide Production Cross Section

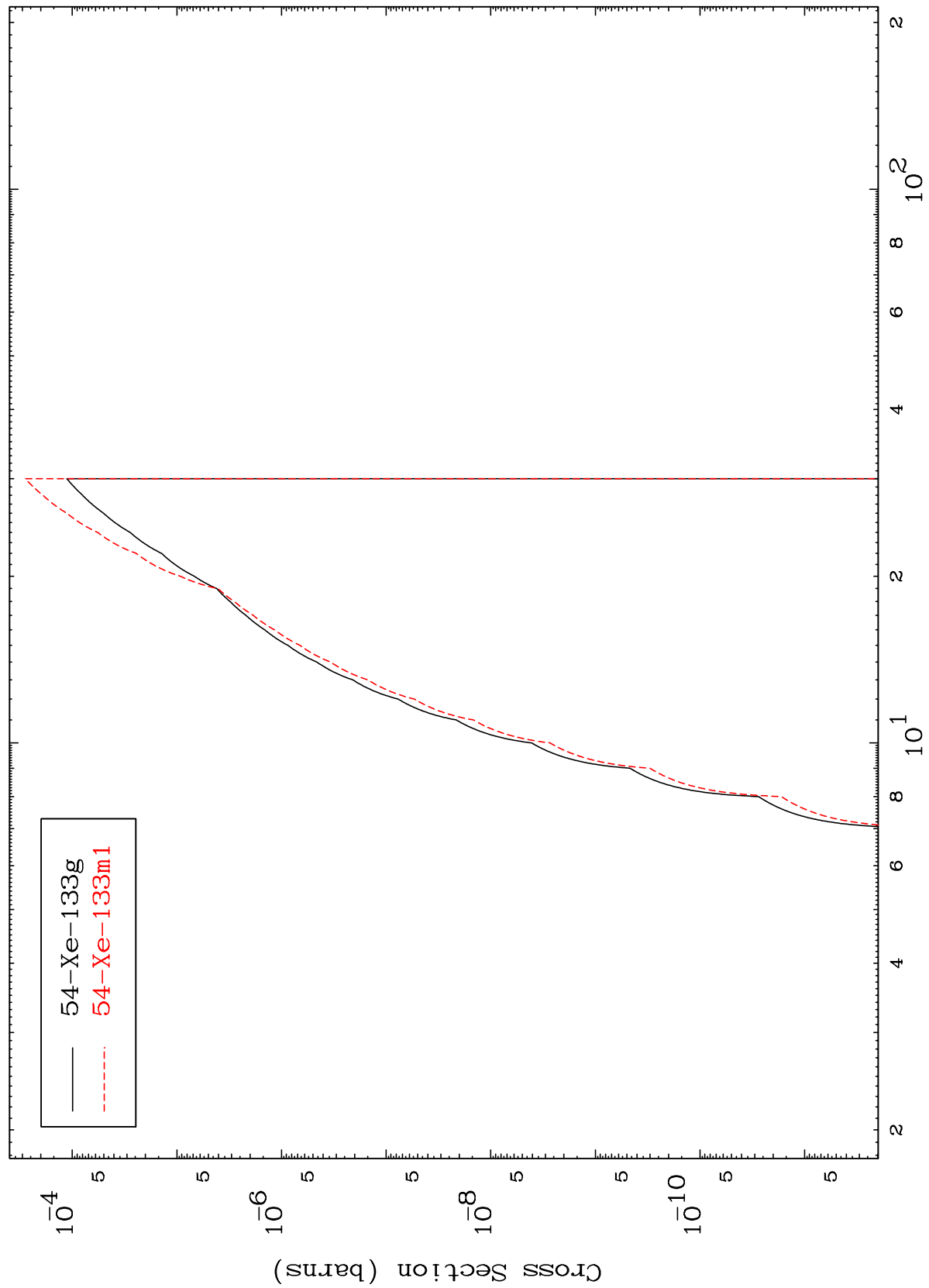


— 52-Te-127g
- - - 52-Te-127m2

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55-Cs-133

(n,2p)
Radionuclide Production Cross Section



— 54-Xe-133g
- - - 54-Xe-133m1

55-Cs-133

Incident Energy (MeV)

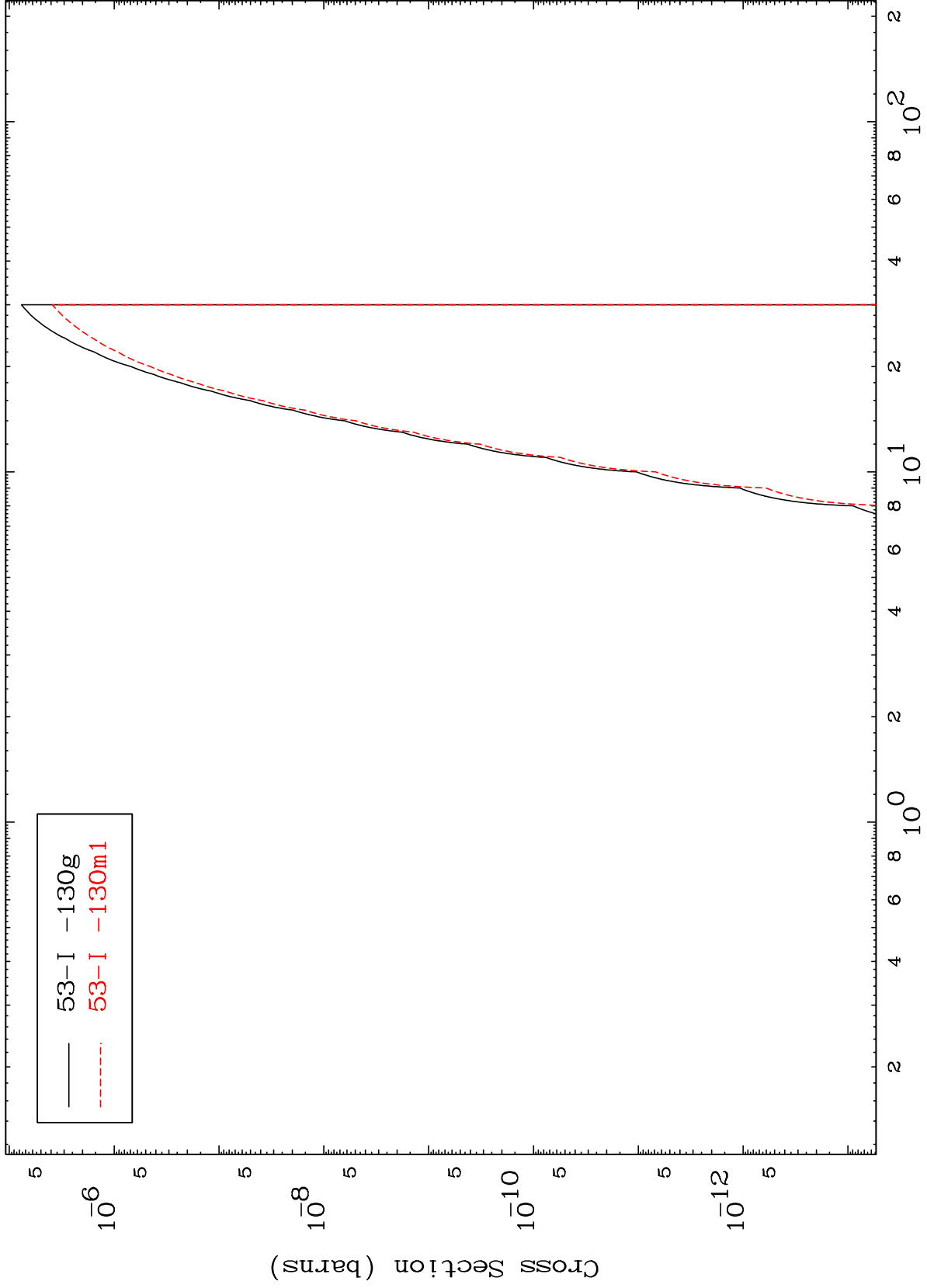
22

MAT 5525

(n,p) α

55-Cs-133

Radionuclide Production Cross Section



23

Incident Energy (MeV)

55-Cs-133

MAT 5525

(n,p) t

55-Cs-133

