

Program EVALPLOT
(Version 2021-1)

by

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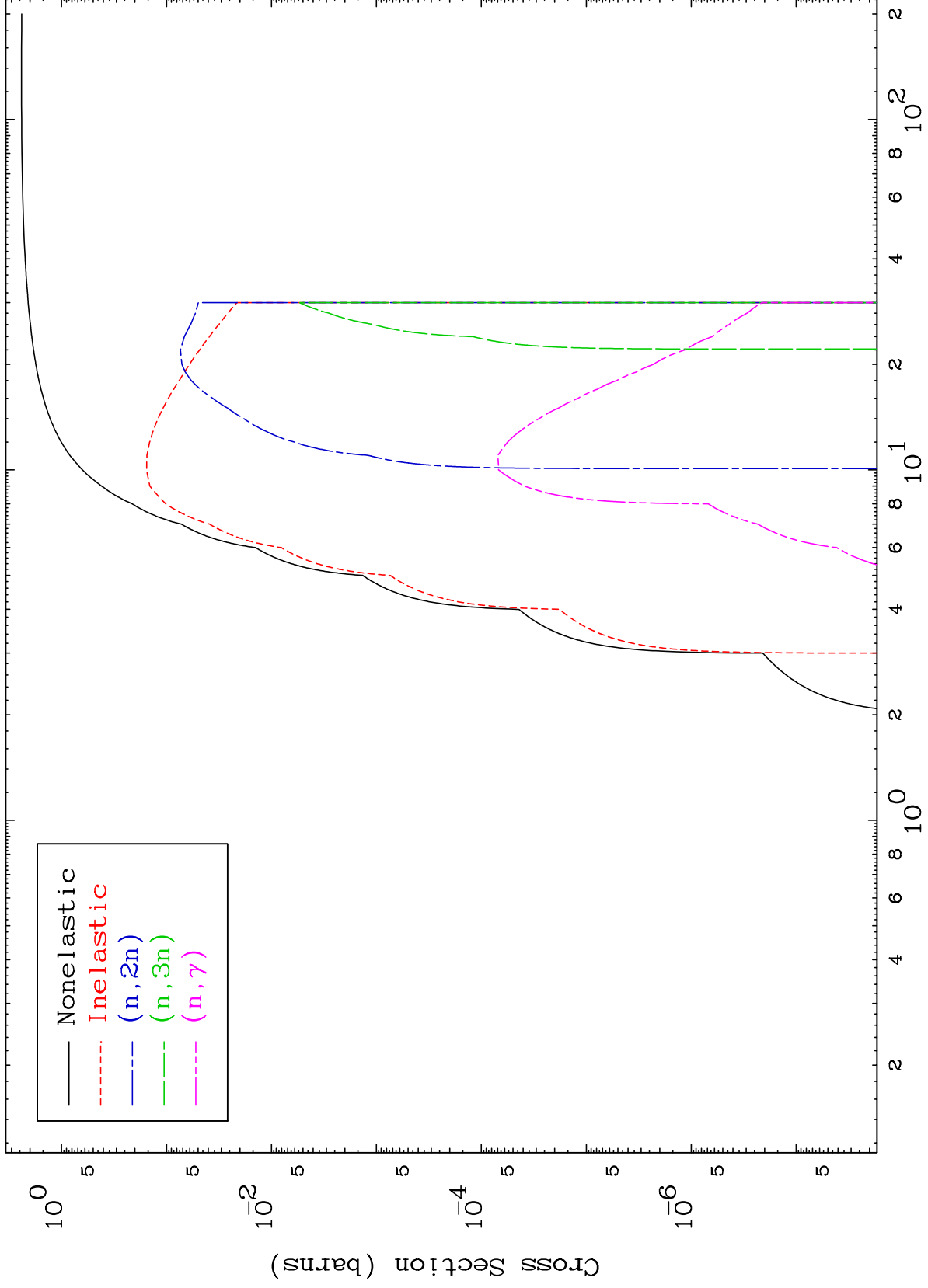
Web:redcullen1.net/HOMEPAGE.NEW

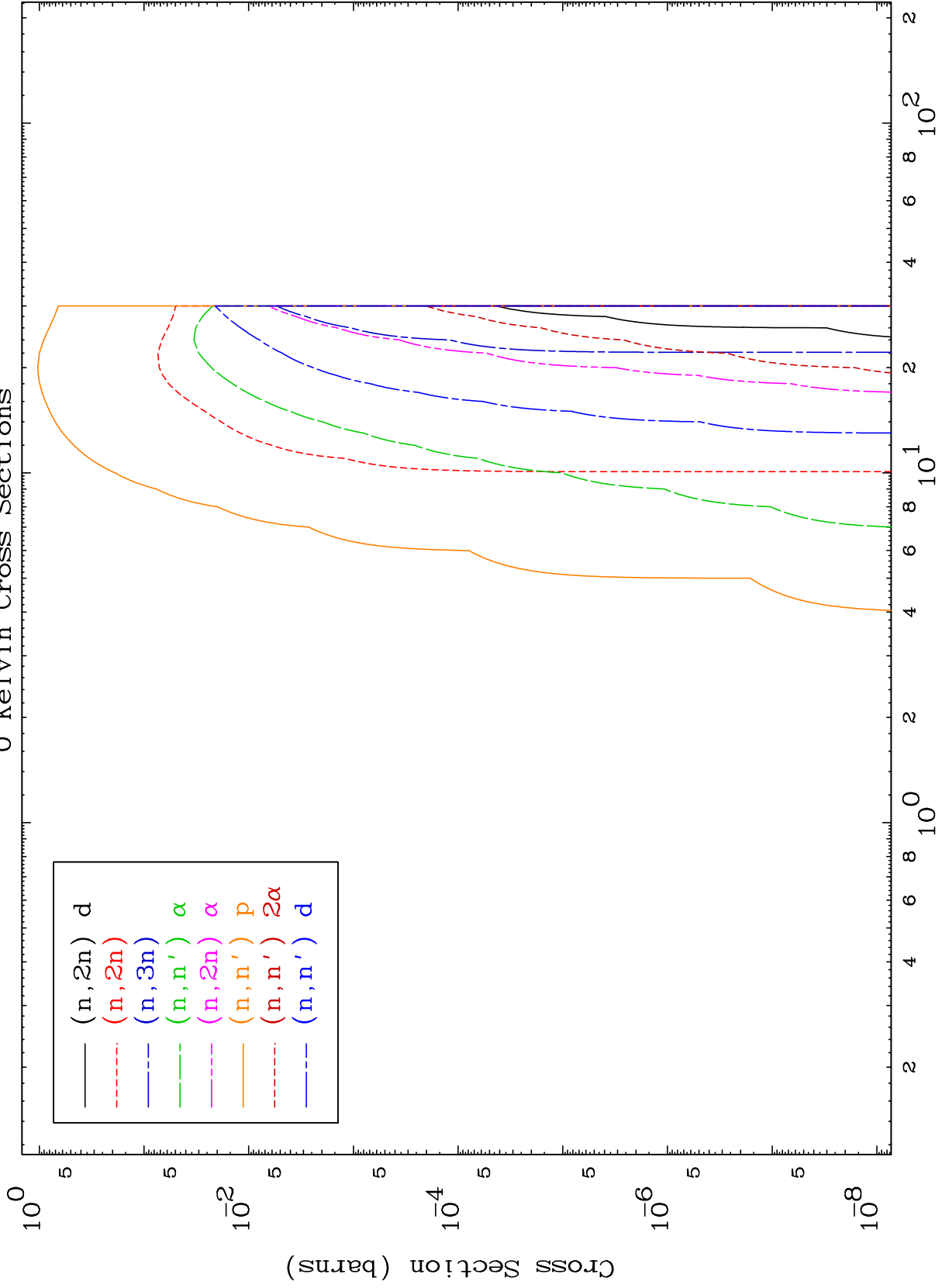
Press Mouse Button to Start

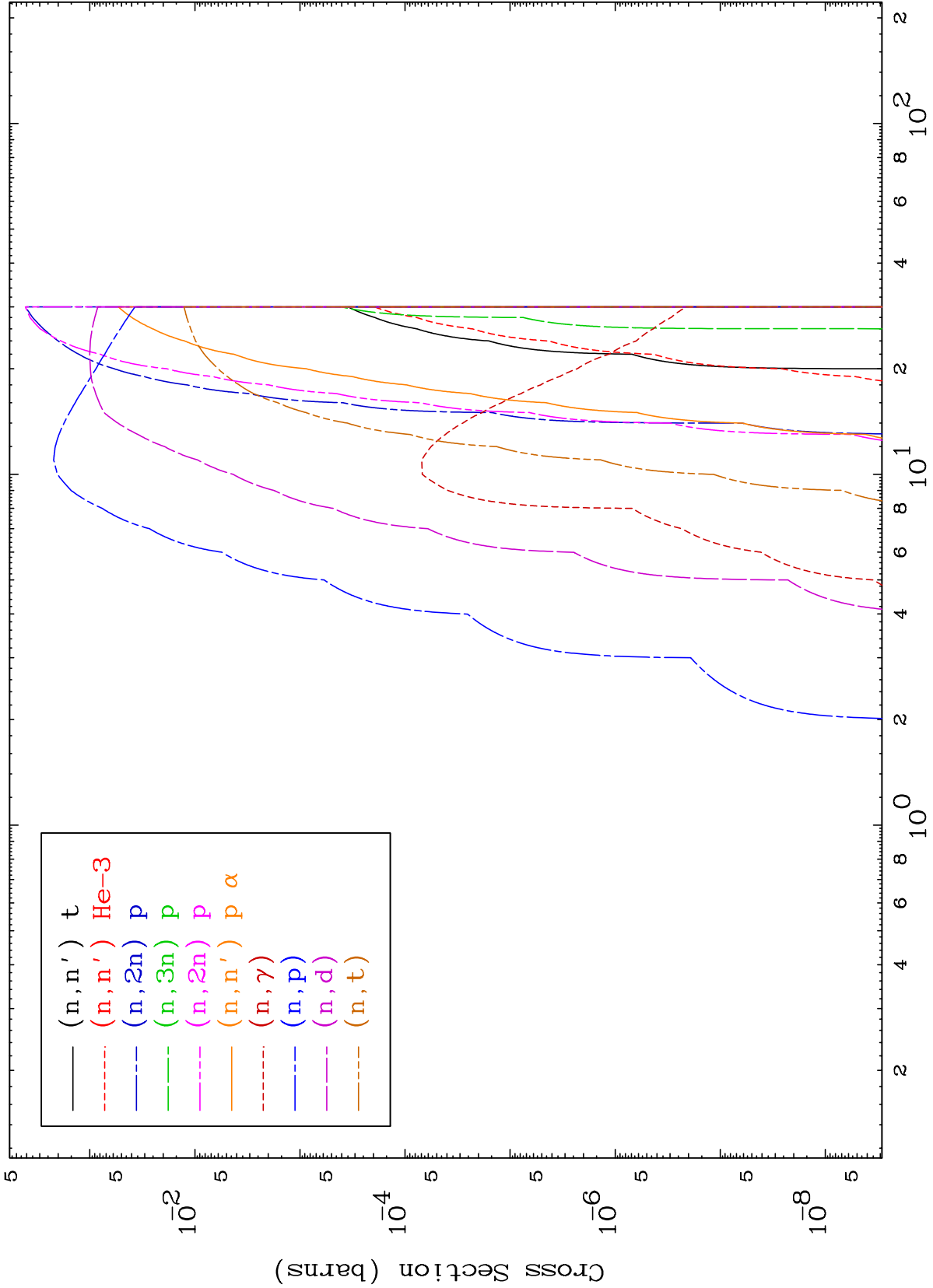
MAT 5998

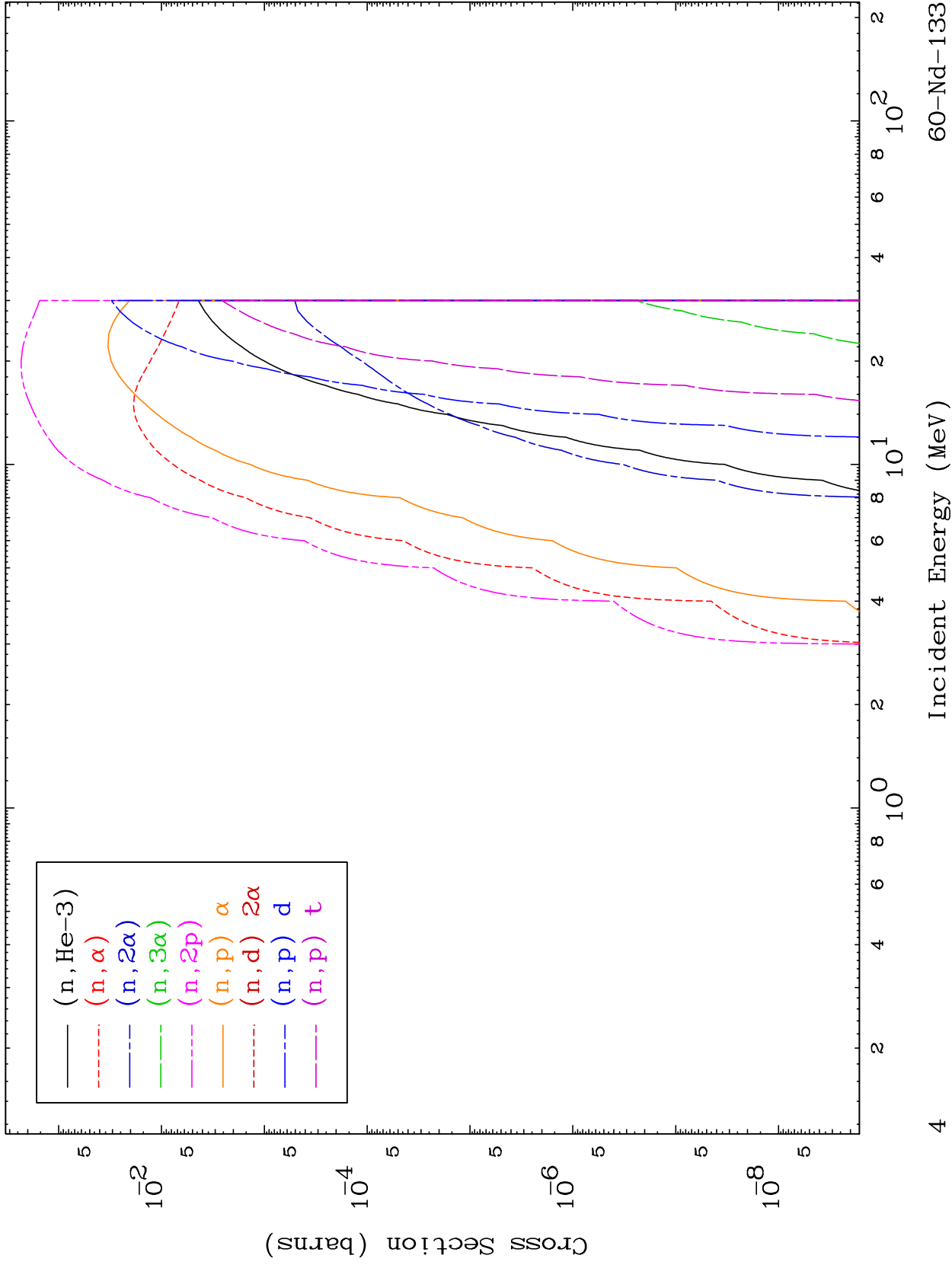
Deuteron Major
0 Kelvin Cross Sections

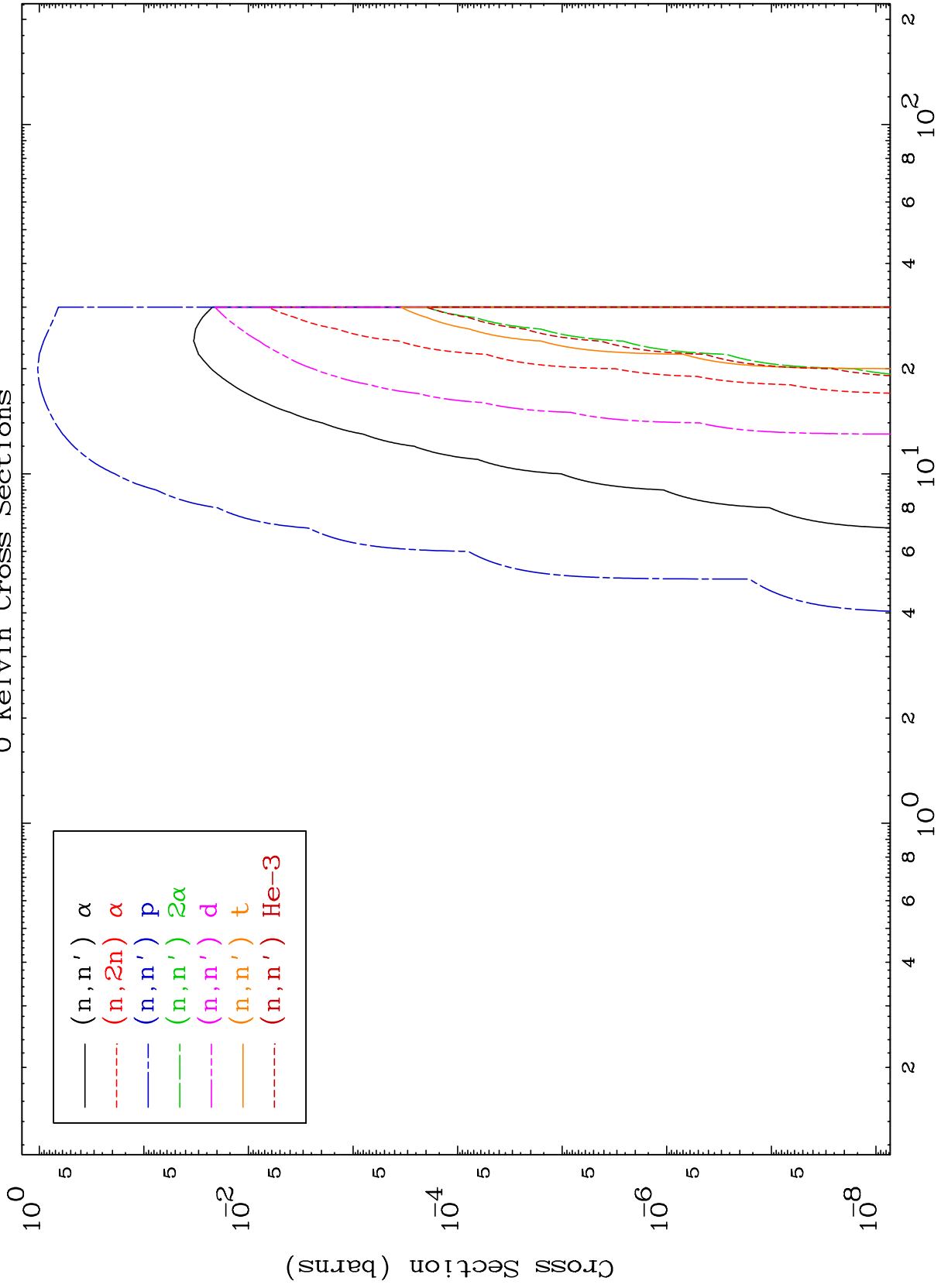
60-Nd-133

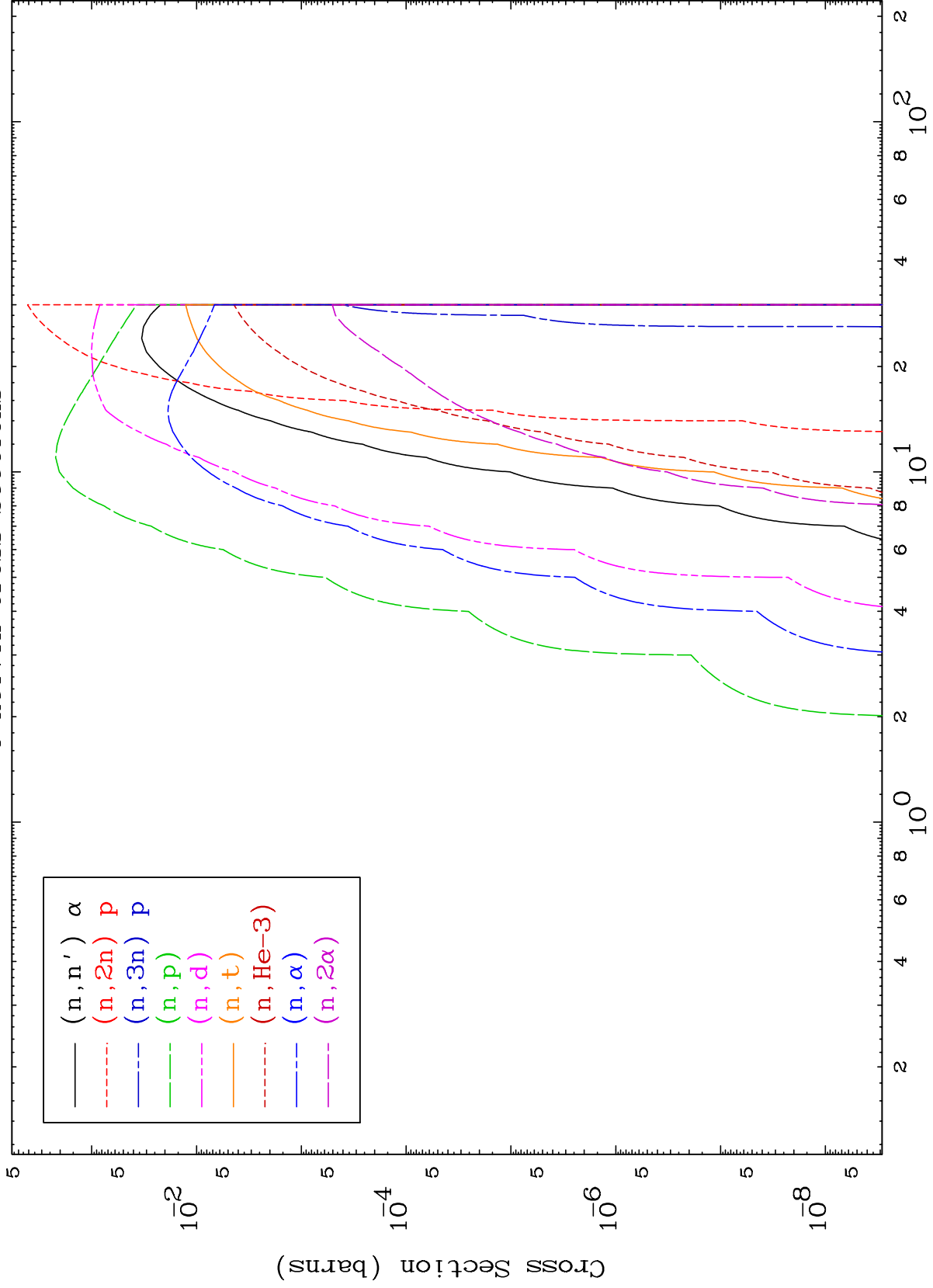


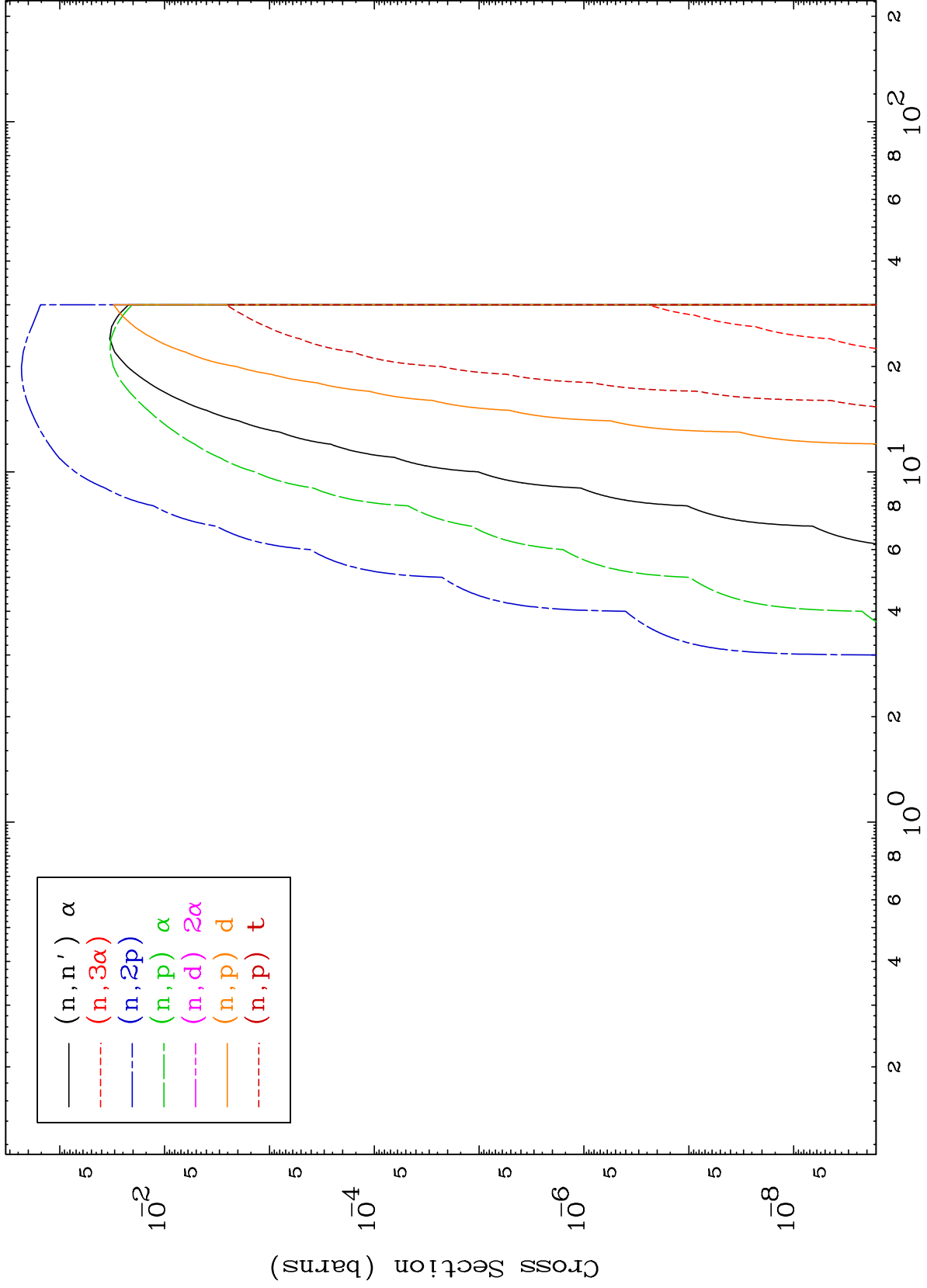










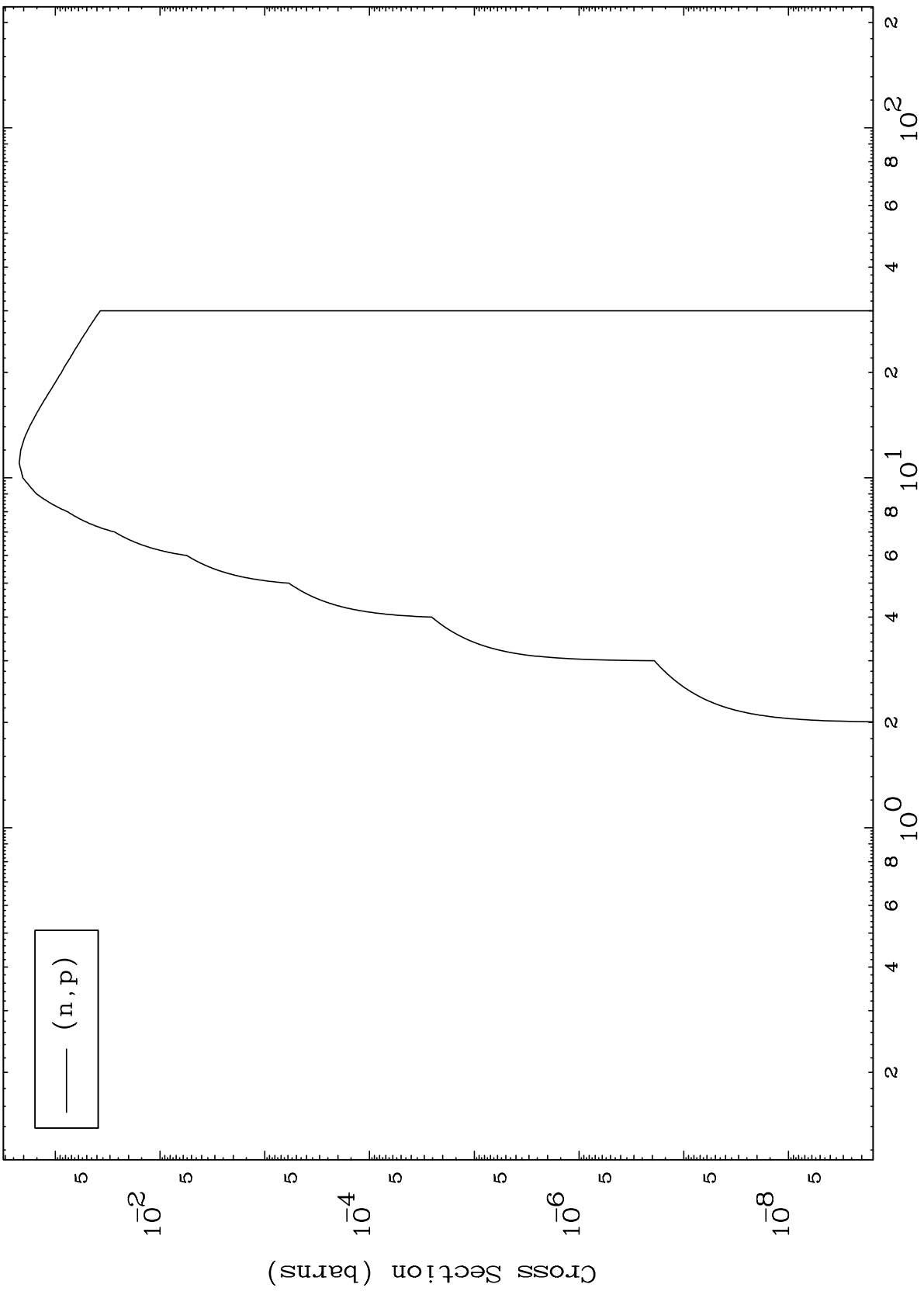


MAT 5998

(d,p) Levels

60-Nd-133

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

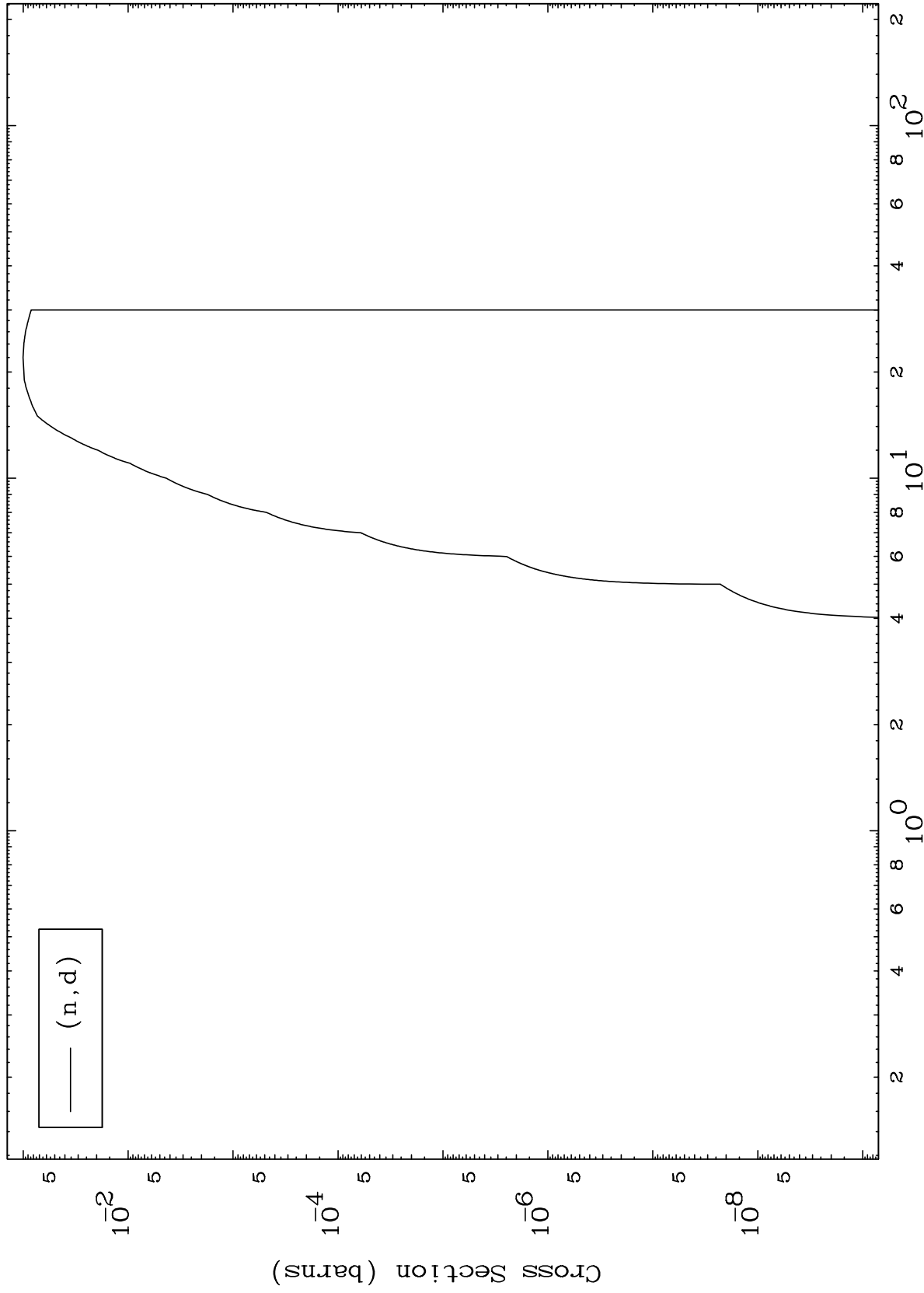
60-Nd-133

MAT 5998

(d,d) Levels

60-Nd-133

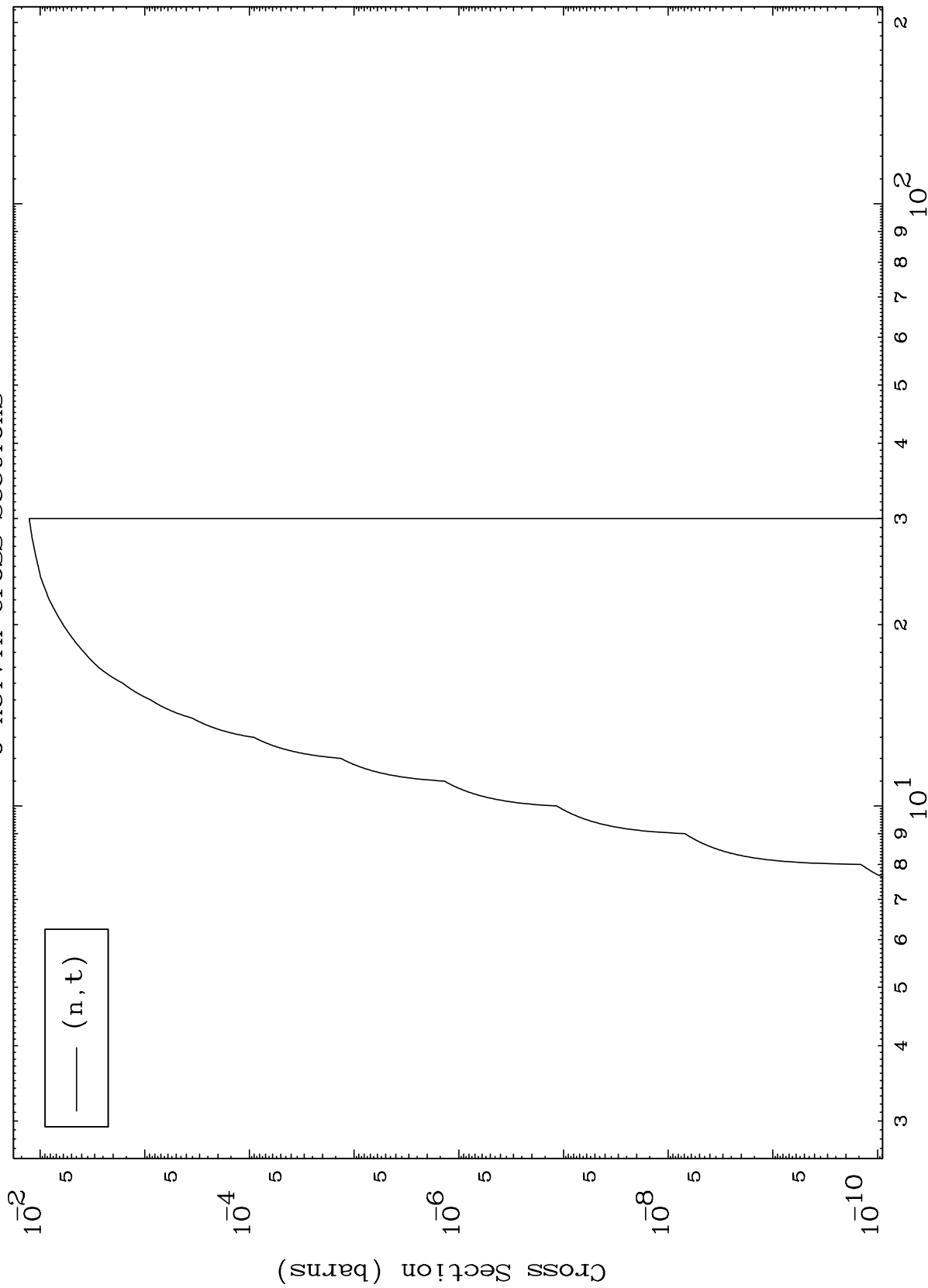
0 Kelvin Cross Sections



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60-Nd-133

(d,t) Levels
0 Kelvin Cross Sections



60-Nd-133

Incident Energy (MeV)

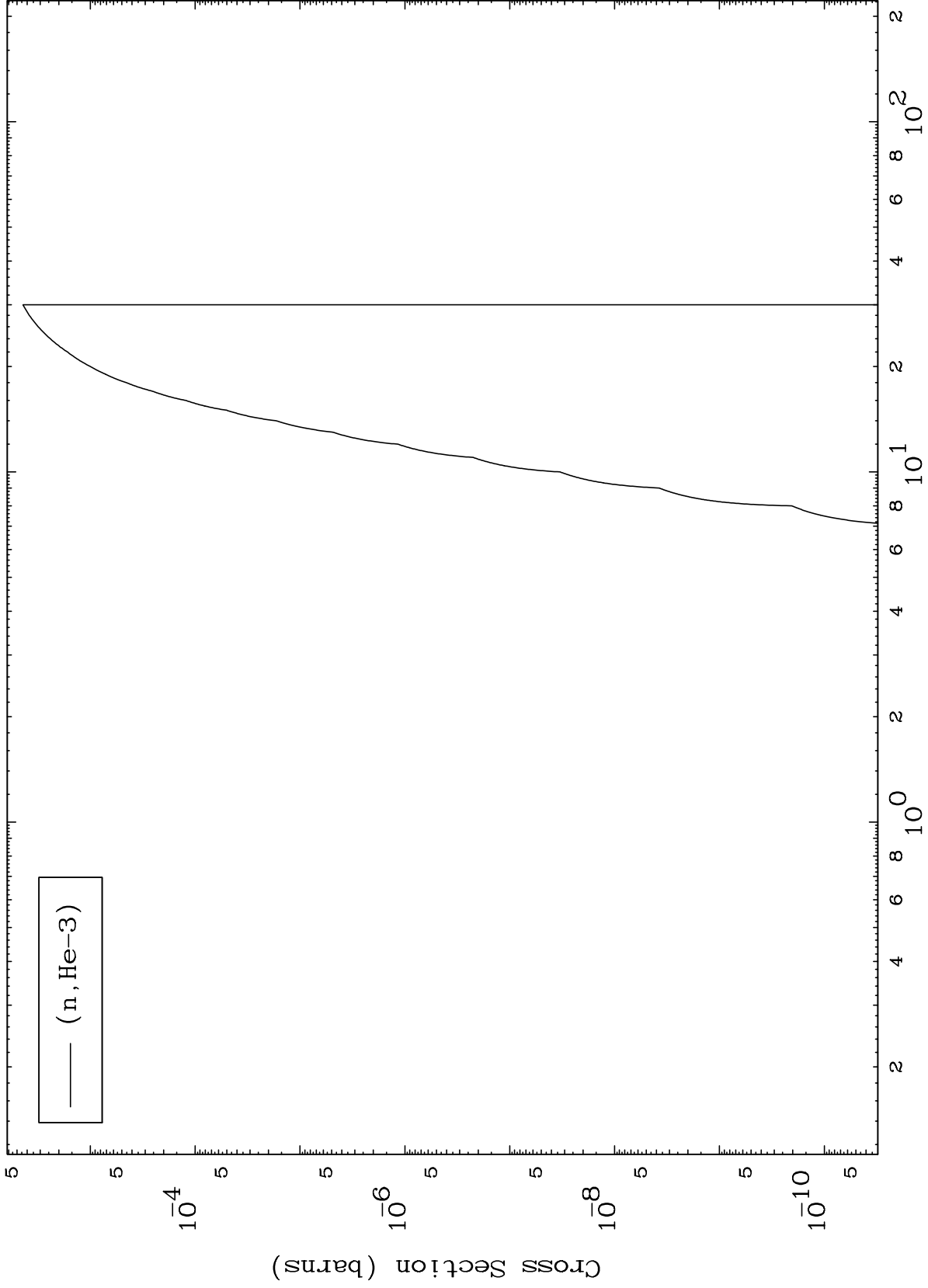
10

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(d,He3) Levels

60-Nd-133

0 Kelvin Cross Sections



11

Incident Energy (MeV)

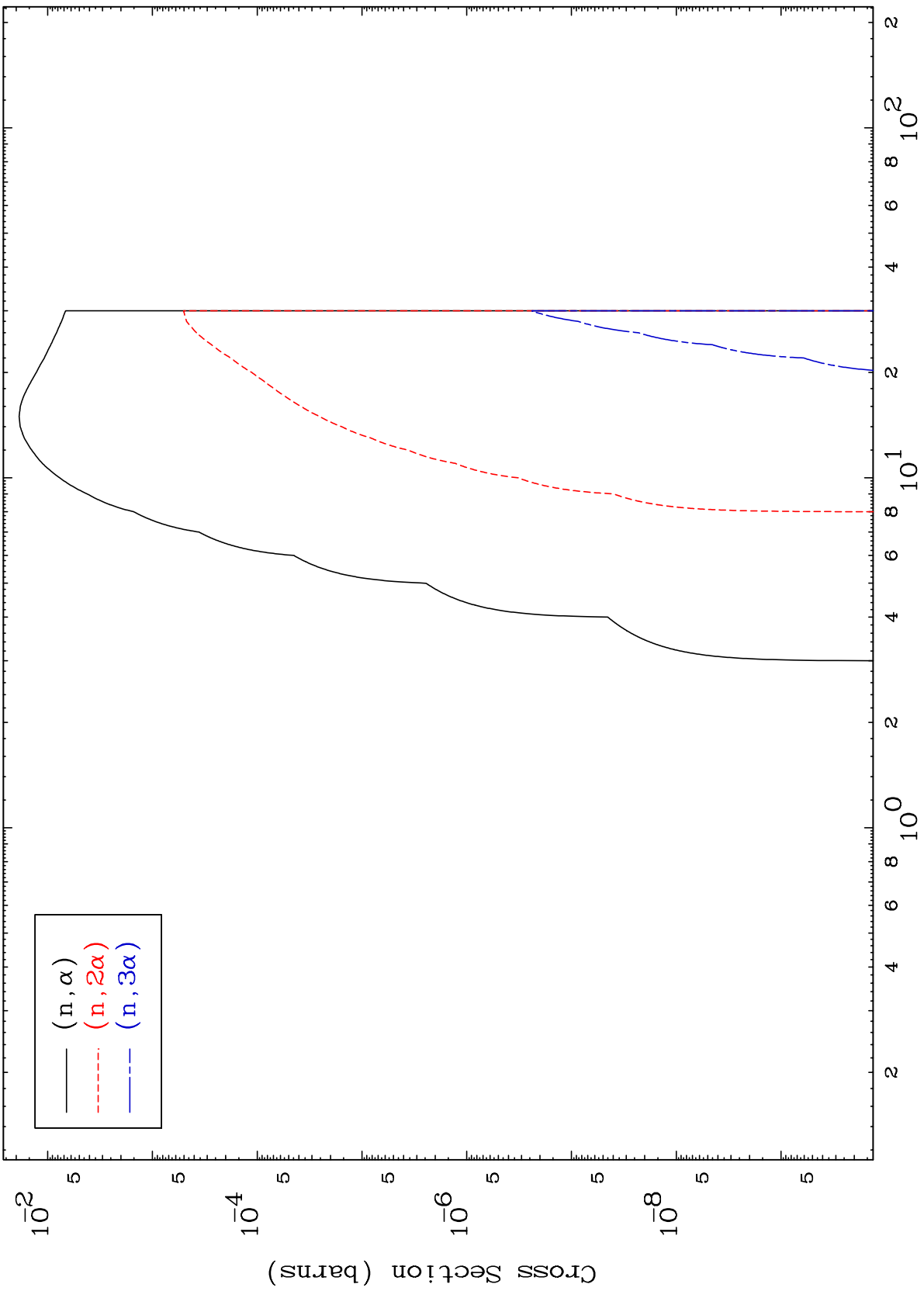
60-Nd-133

MAT 5998

(d, α) Levels

60-Nd-133

0 Kelvin Cross Sections



12

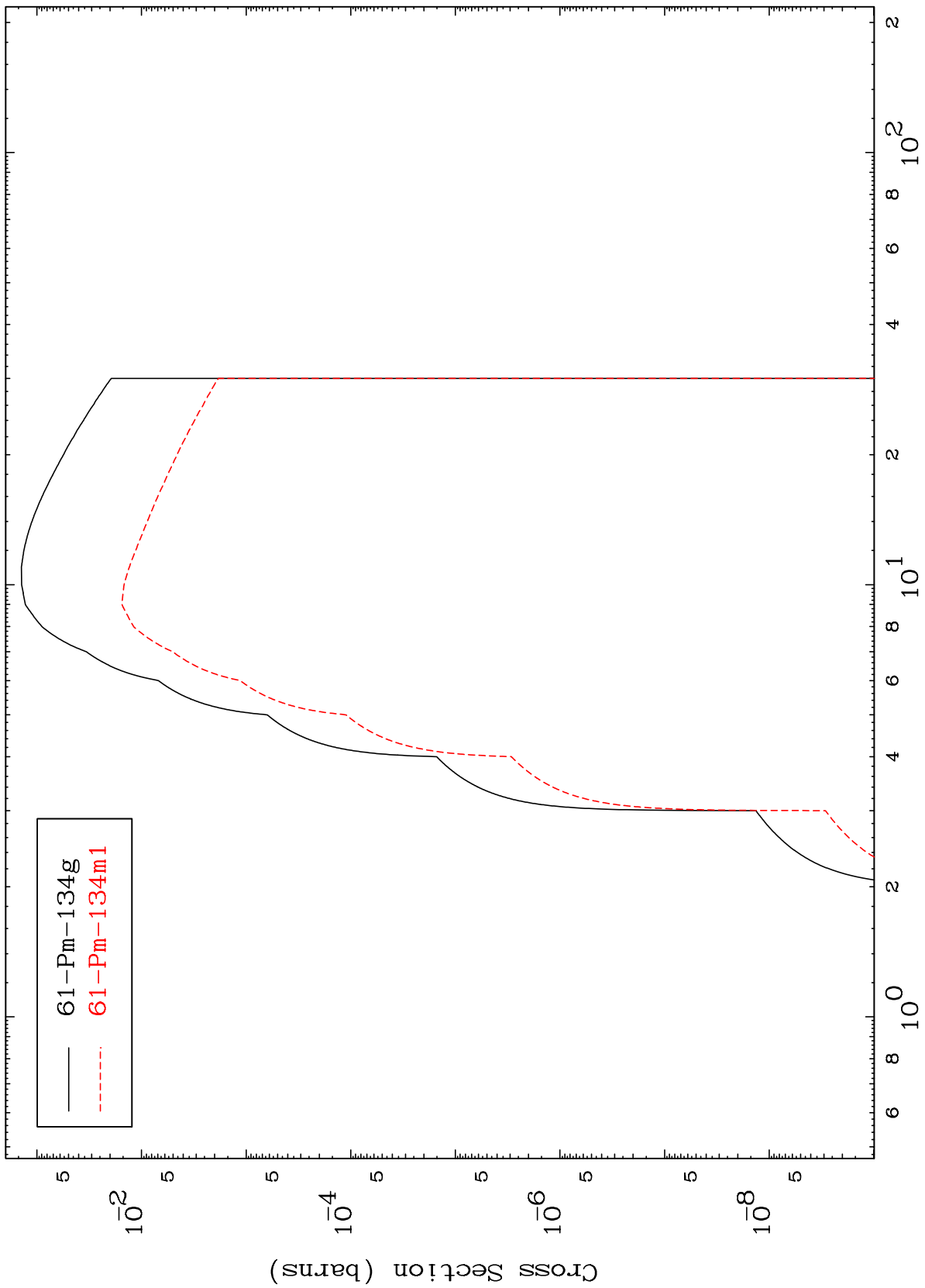
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

Inelastic Radionuclide Production Cross Section



— 61-Pm-134g
- - - 61-Pm-134m1

13

Incident Energy (MeV)

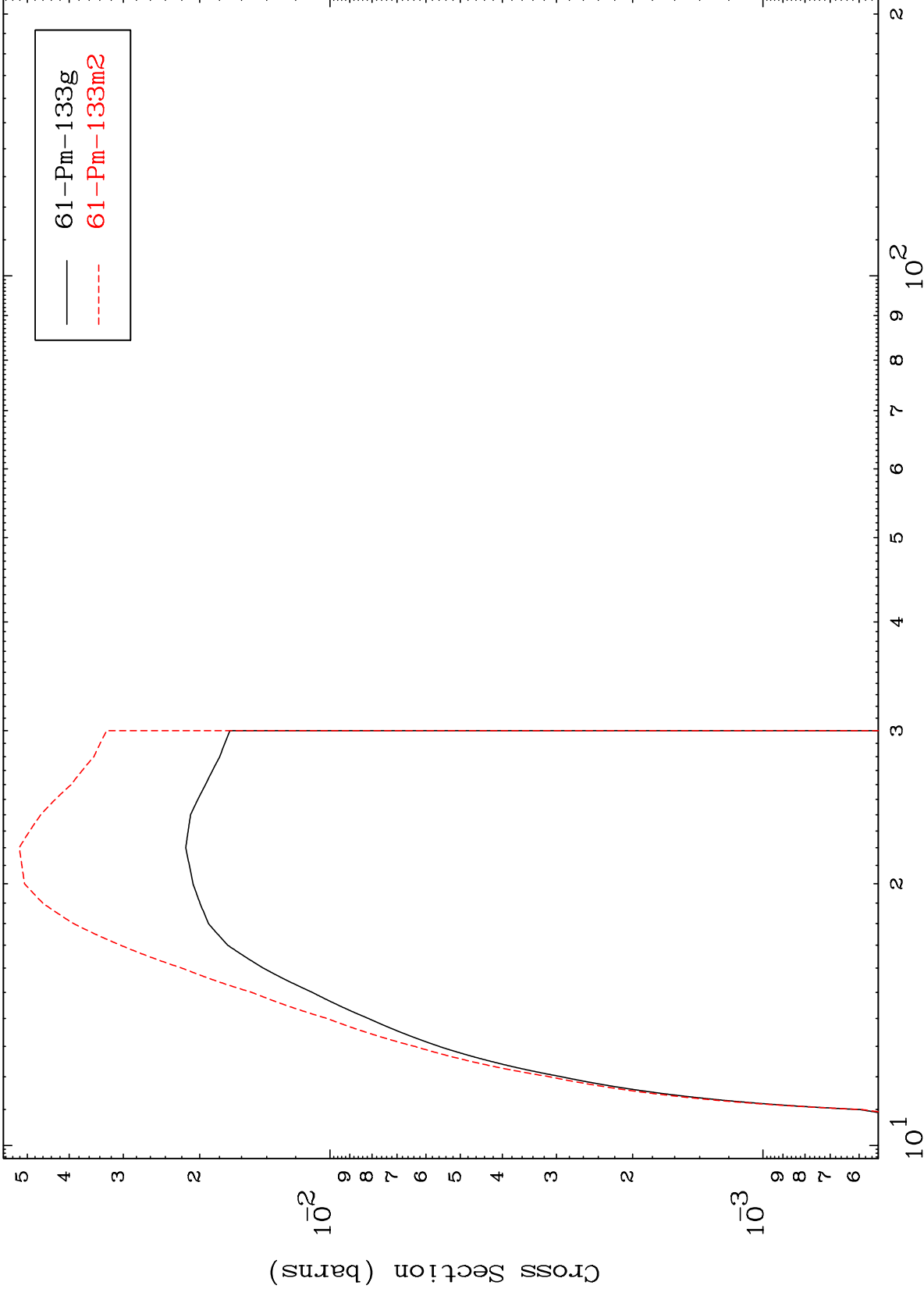
60-Nd-133

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(n,2n)

60-Nd-133

Radionuclide Production Cross Section



14

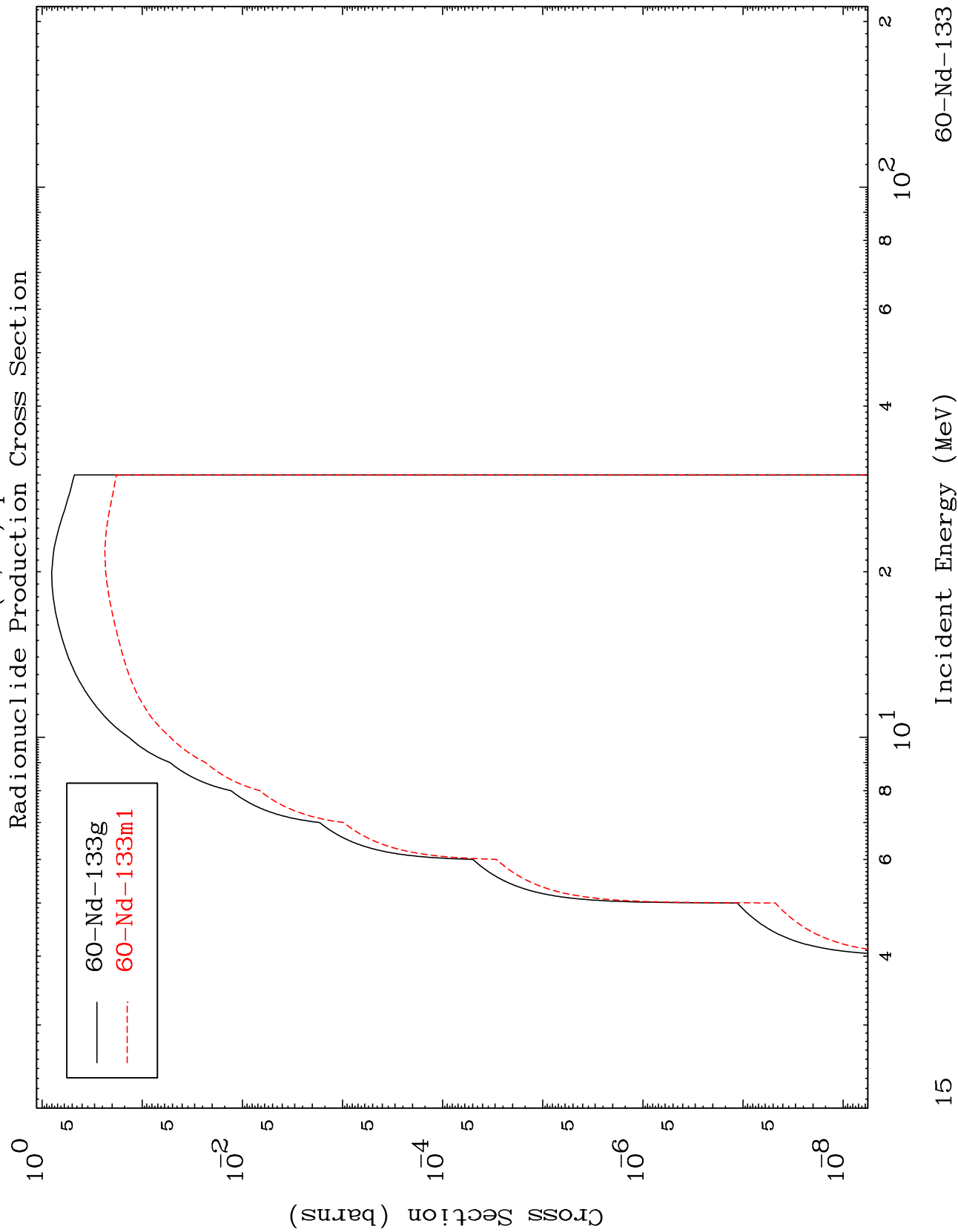
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,n') p

60-Nd-133

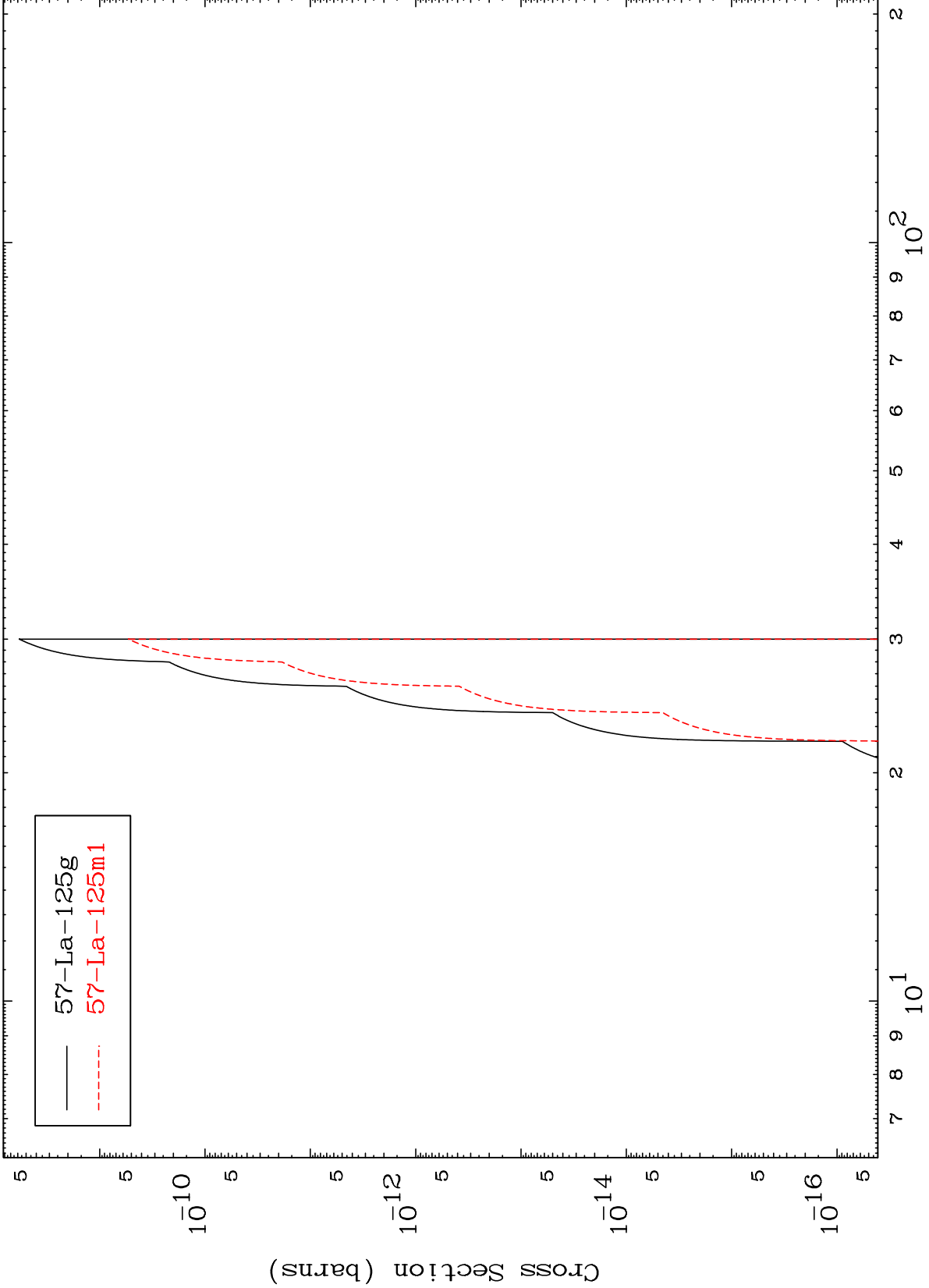


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$(n,2n)$ 2α

$^{60}\text{Nd}-133$

Radionuclide Production Cross Section



— $^{57}\text{La}-125\text{g}$
- - - $^{57}\text{La}-125\text{m1}$

16

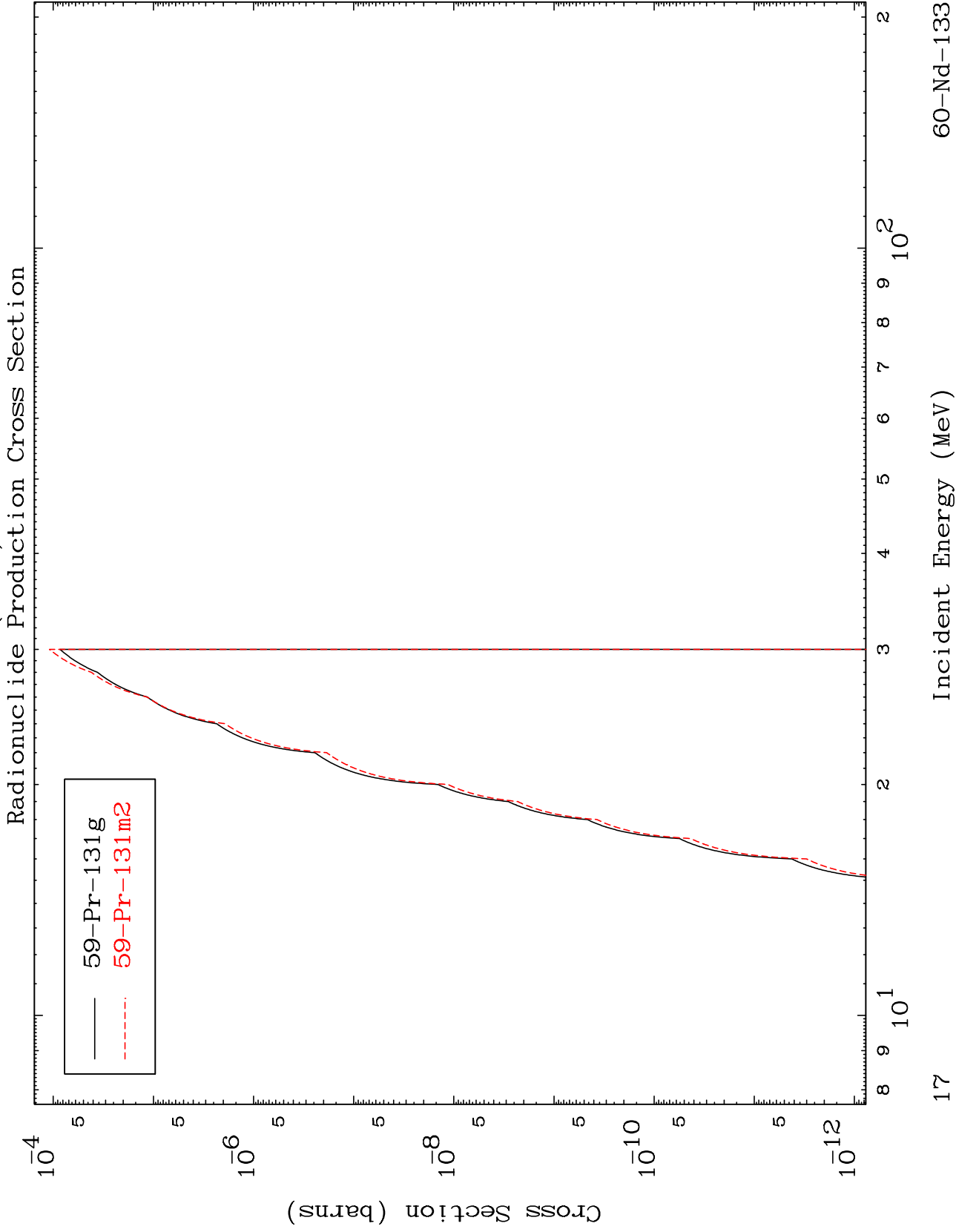
Incident Energy (MeV)

$^{60}\text{Nd}-133$

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(n,n') He-3

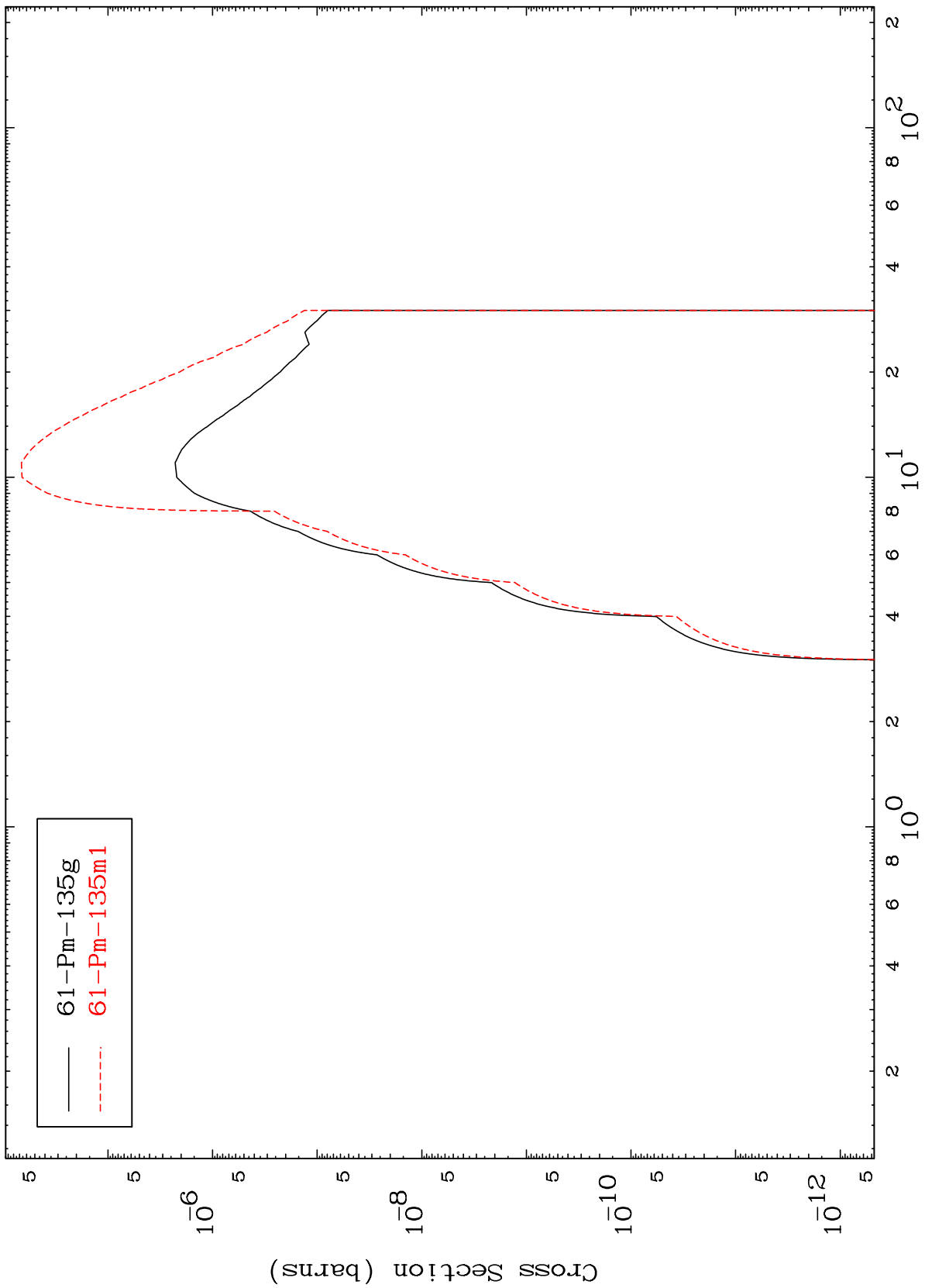
60-Nd-133



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60-Nd-133

(n,γ)
Radionuclide Production Cross Section



60-Nd-133

Incident Energy (MeV)

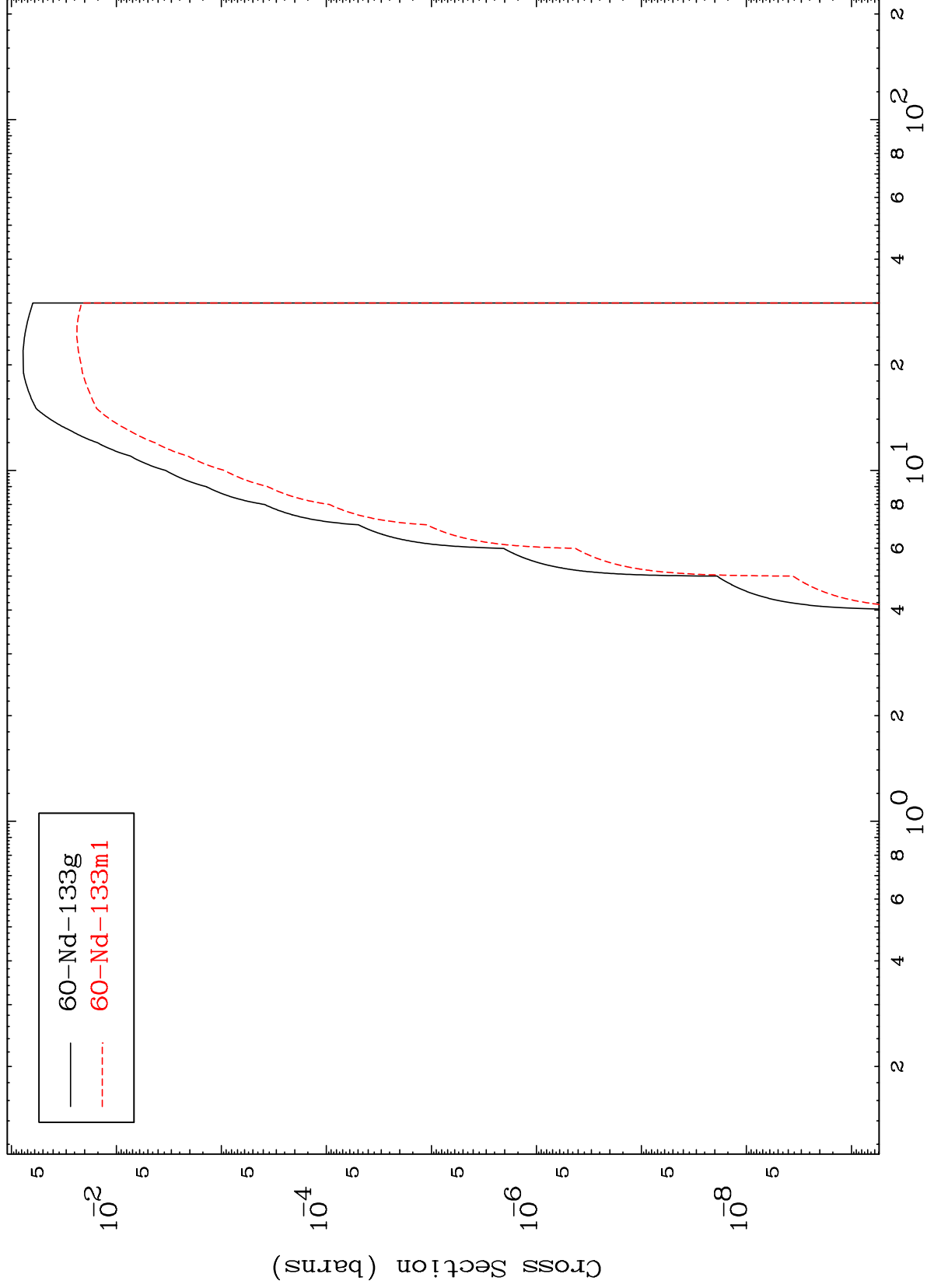
18

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(n,d)

60-Nd-133

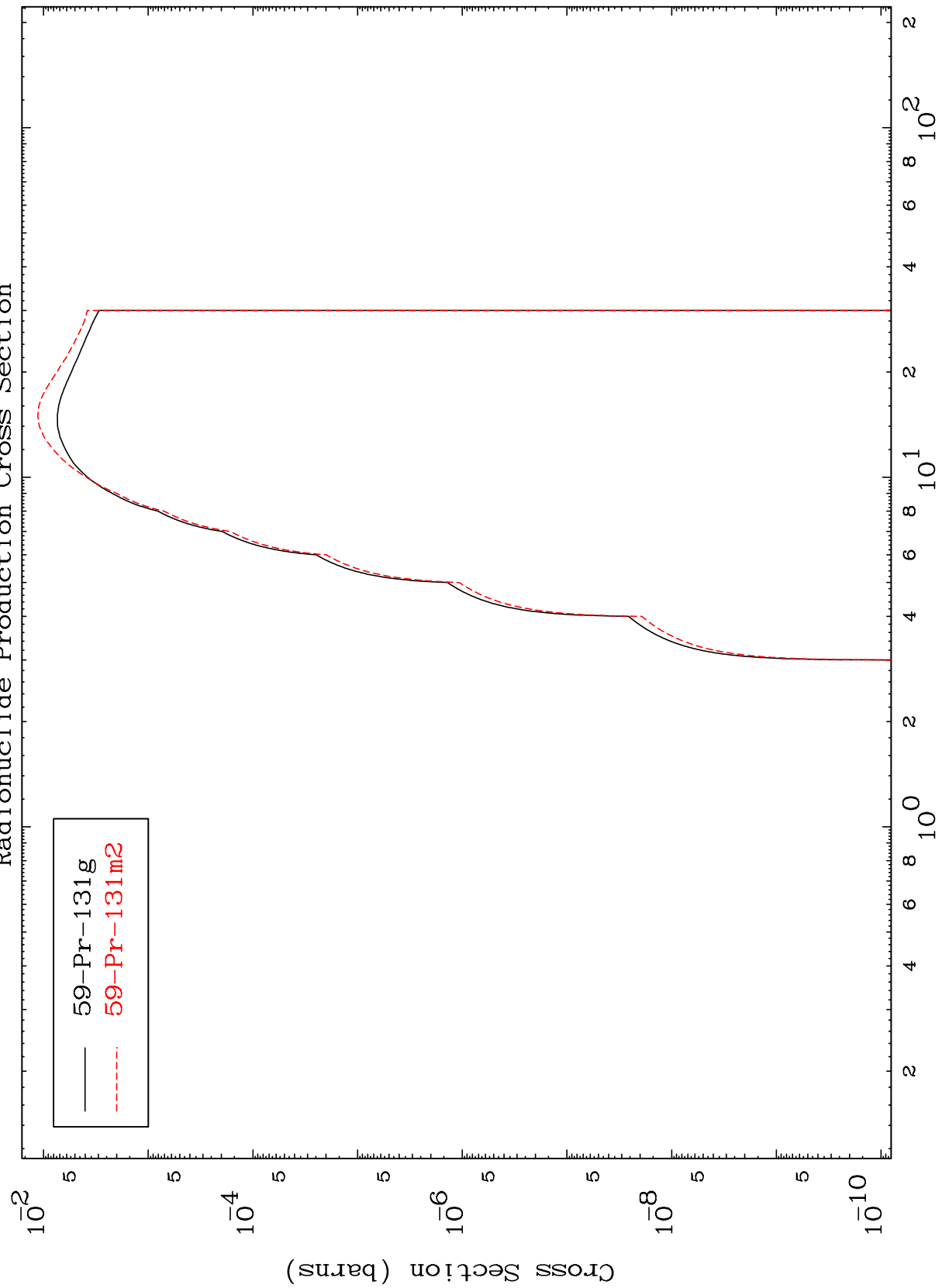
Radionuclide Production Cross Section



MAT 5998

60-Nd-133

(n, α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

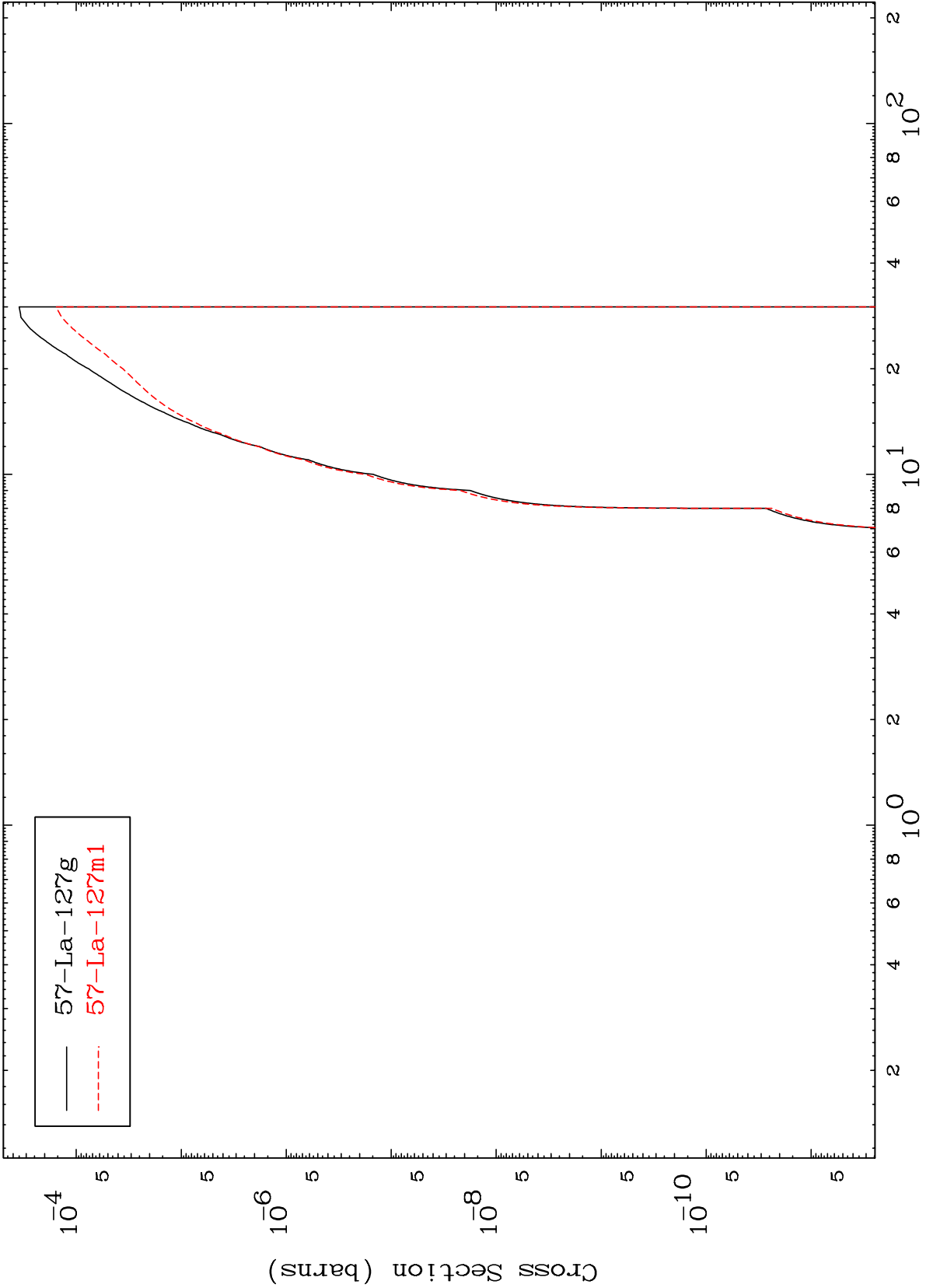
60-Nd-133

MAT 5998

(n,2α)

60-Nd-133

Radionuclide Production Cross Section



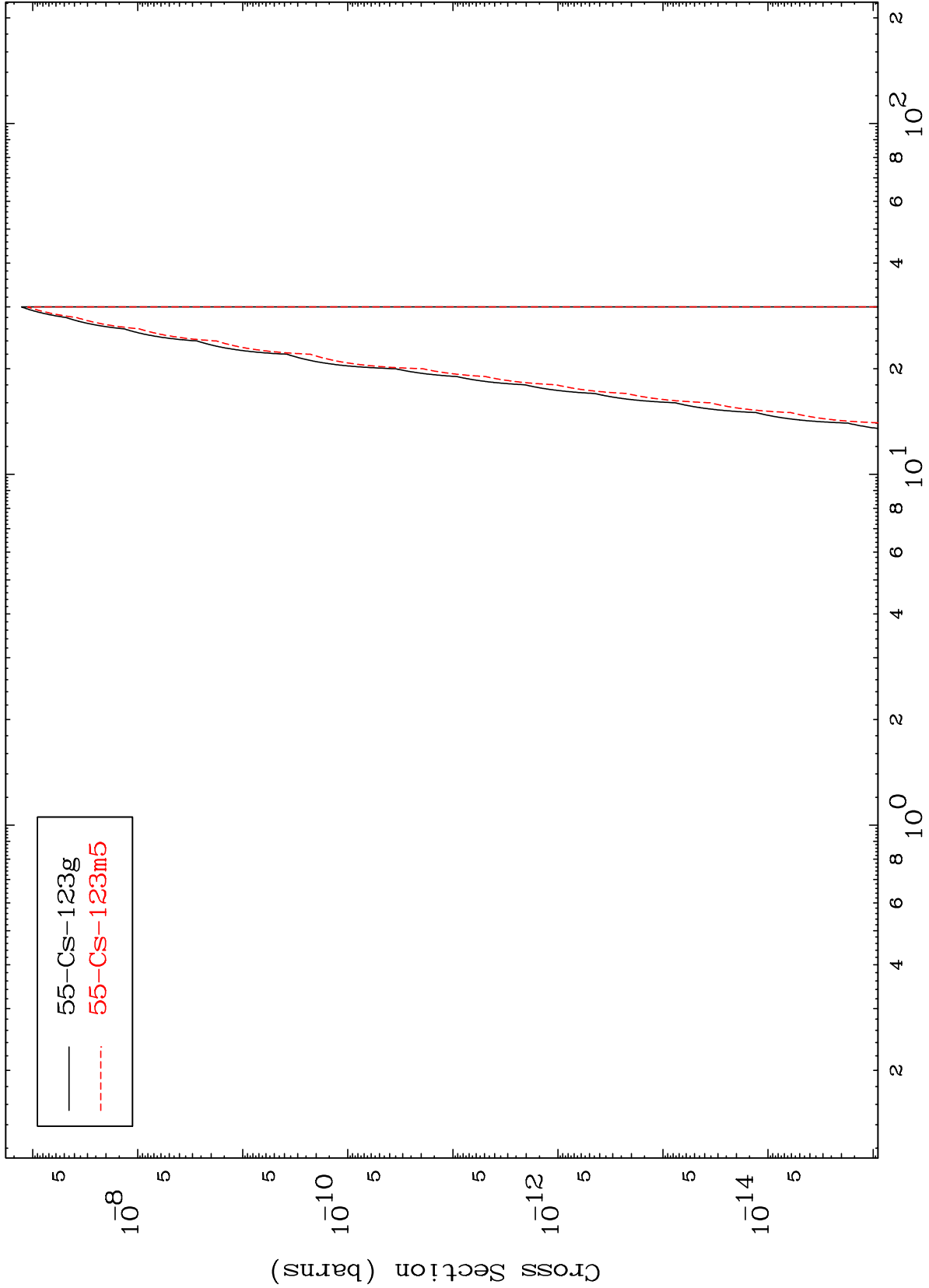
57-La-127g
57-La-127m1

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(n, 3α)

60-Nd-133

Radionuclide Production Cross Section

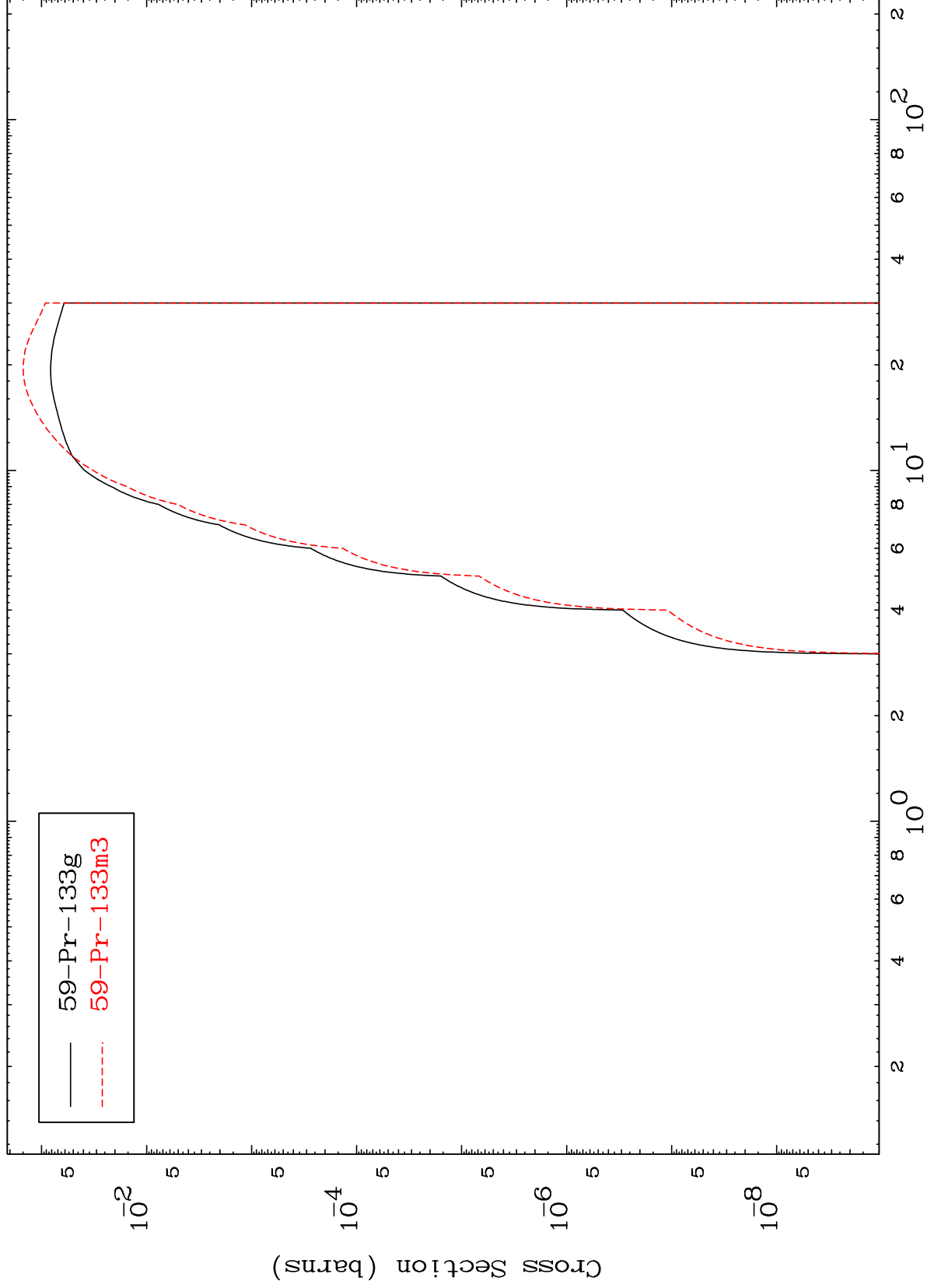


MAT 5998

(n,2p)

60-Nd-133

Radionuclide Production Cross Section



23

Incident Energy (MeV)

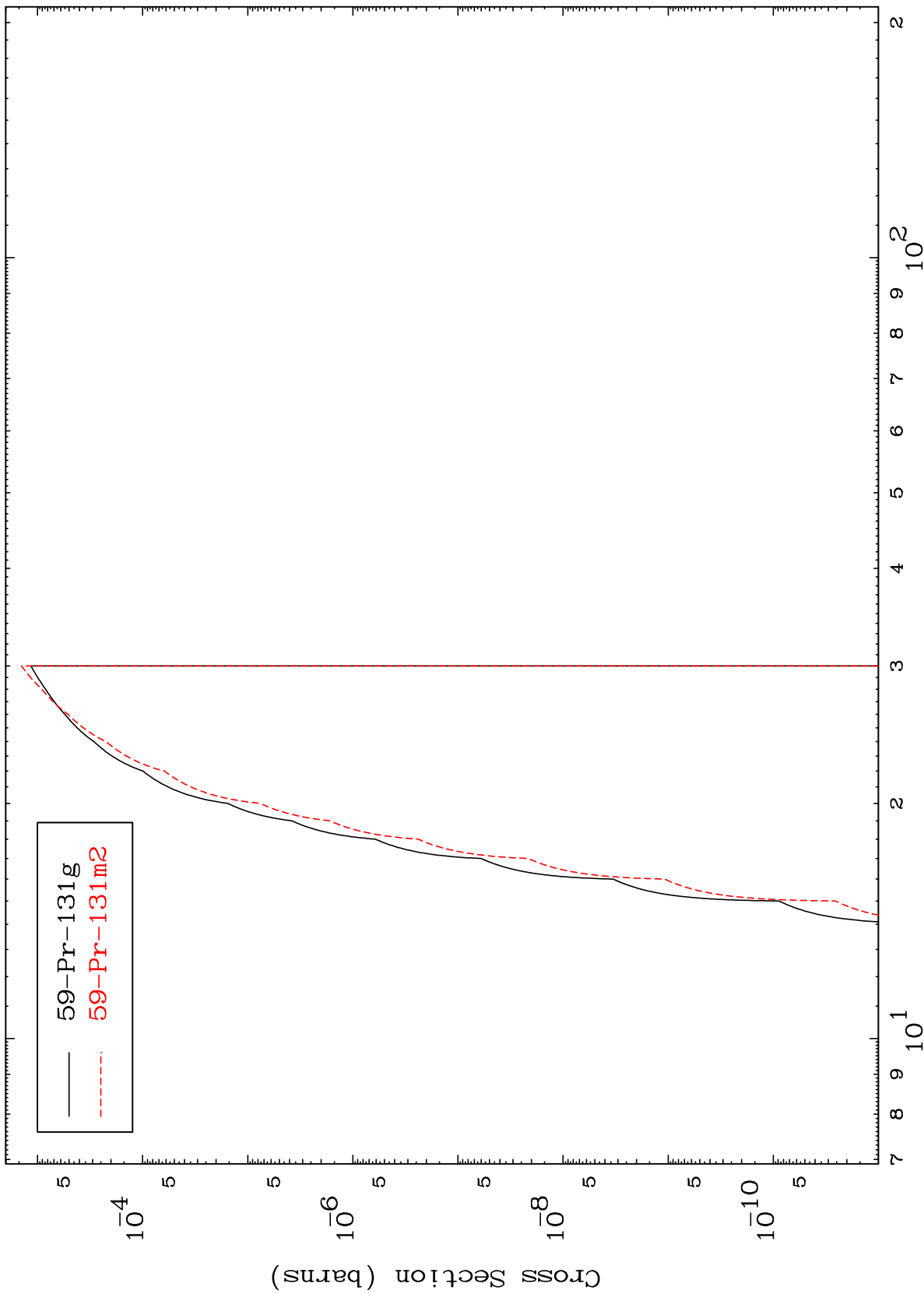
60-Nd-133

MAT 5998

(n,p) t

60-Nd-133

Radionuclide Production Cross Section



24

Incident Energy (MeV)

60-Nd-133