

Program EVALPLOT
(Version 2018-1)

by

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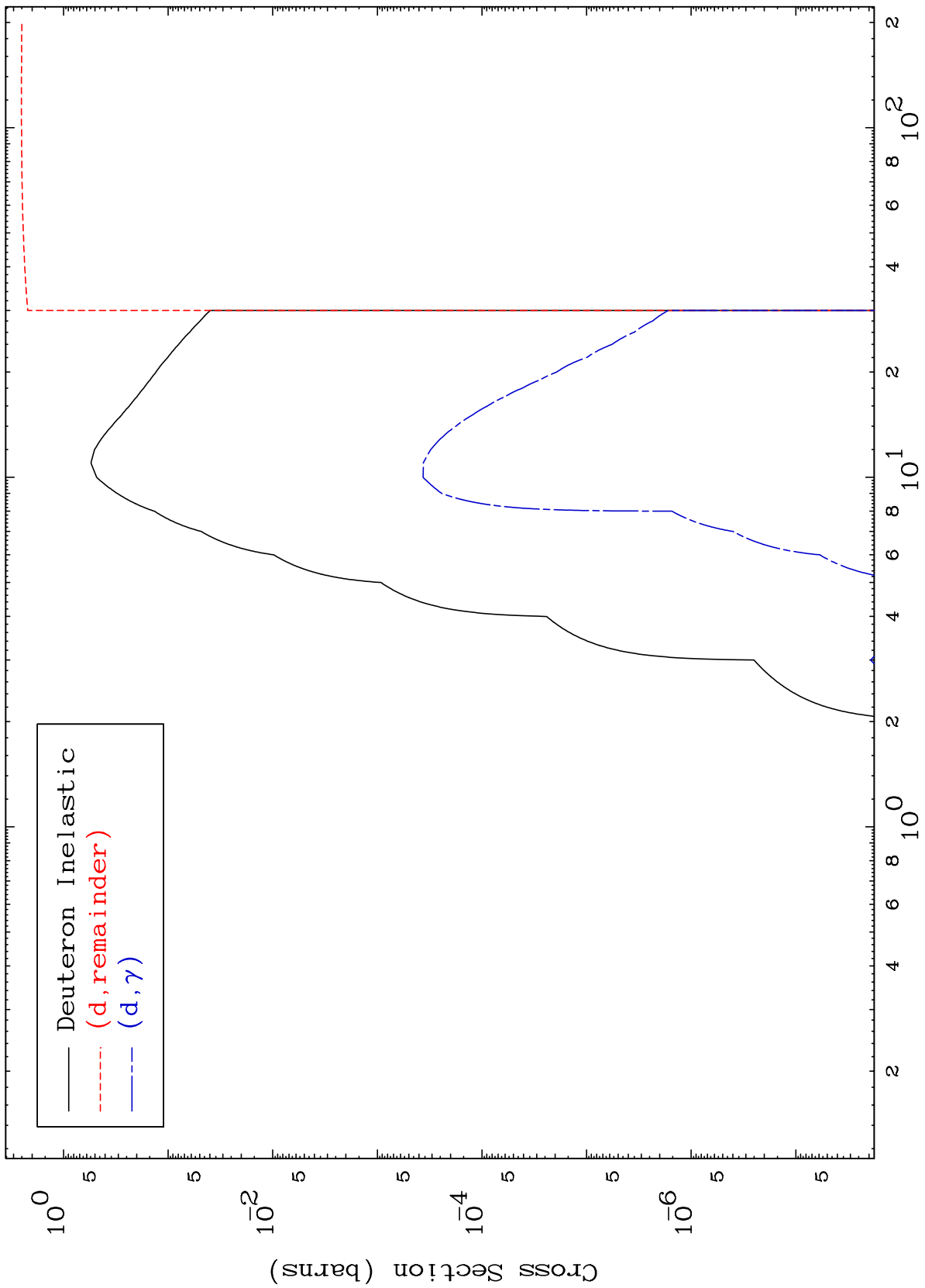
Press Mouse Button to Start

MAT 6019

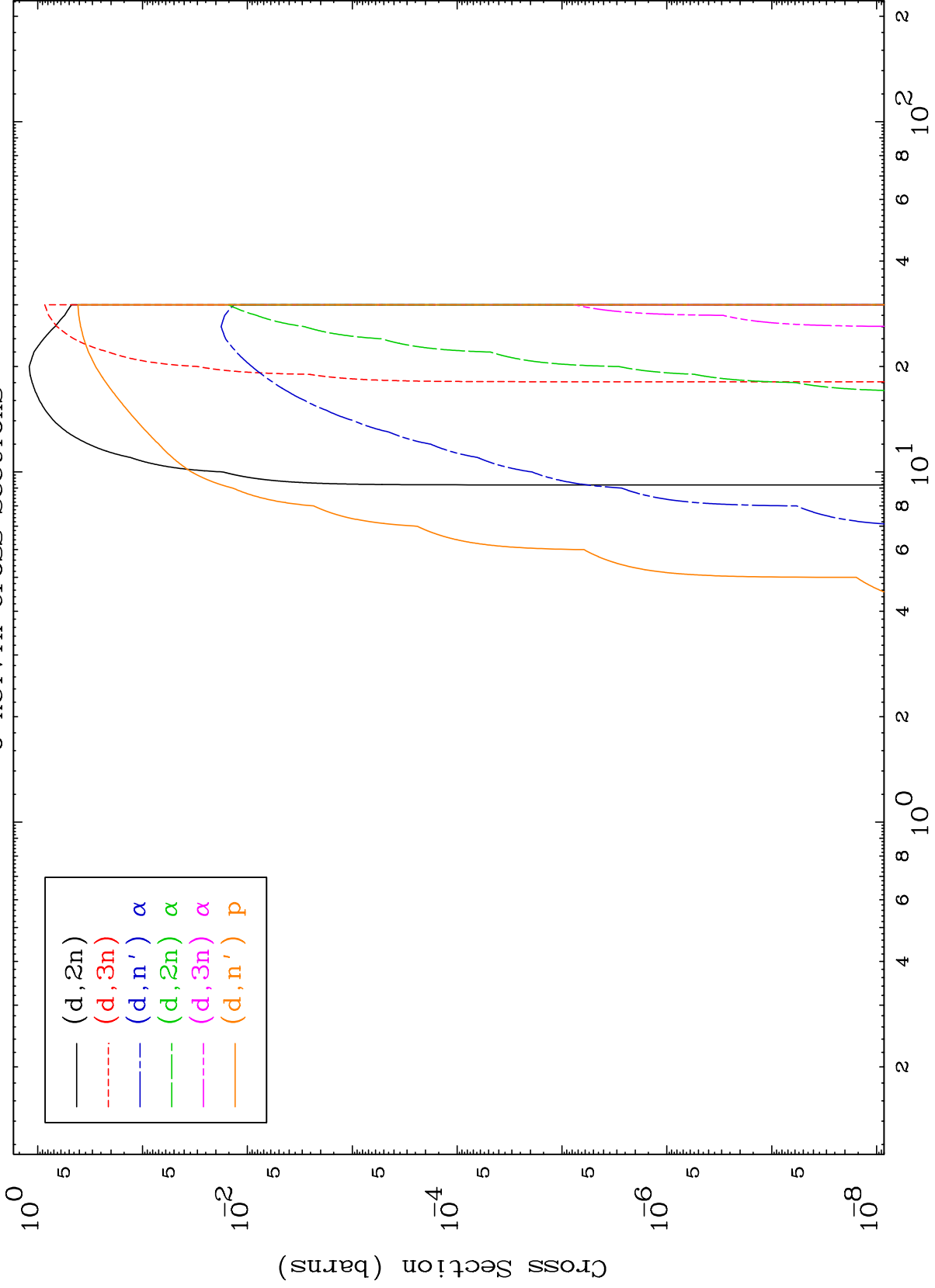
Deuteron Major

60-Nd-140

0 Kelvin Cross Sections



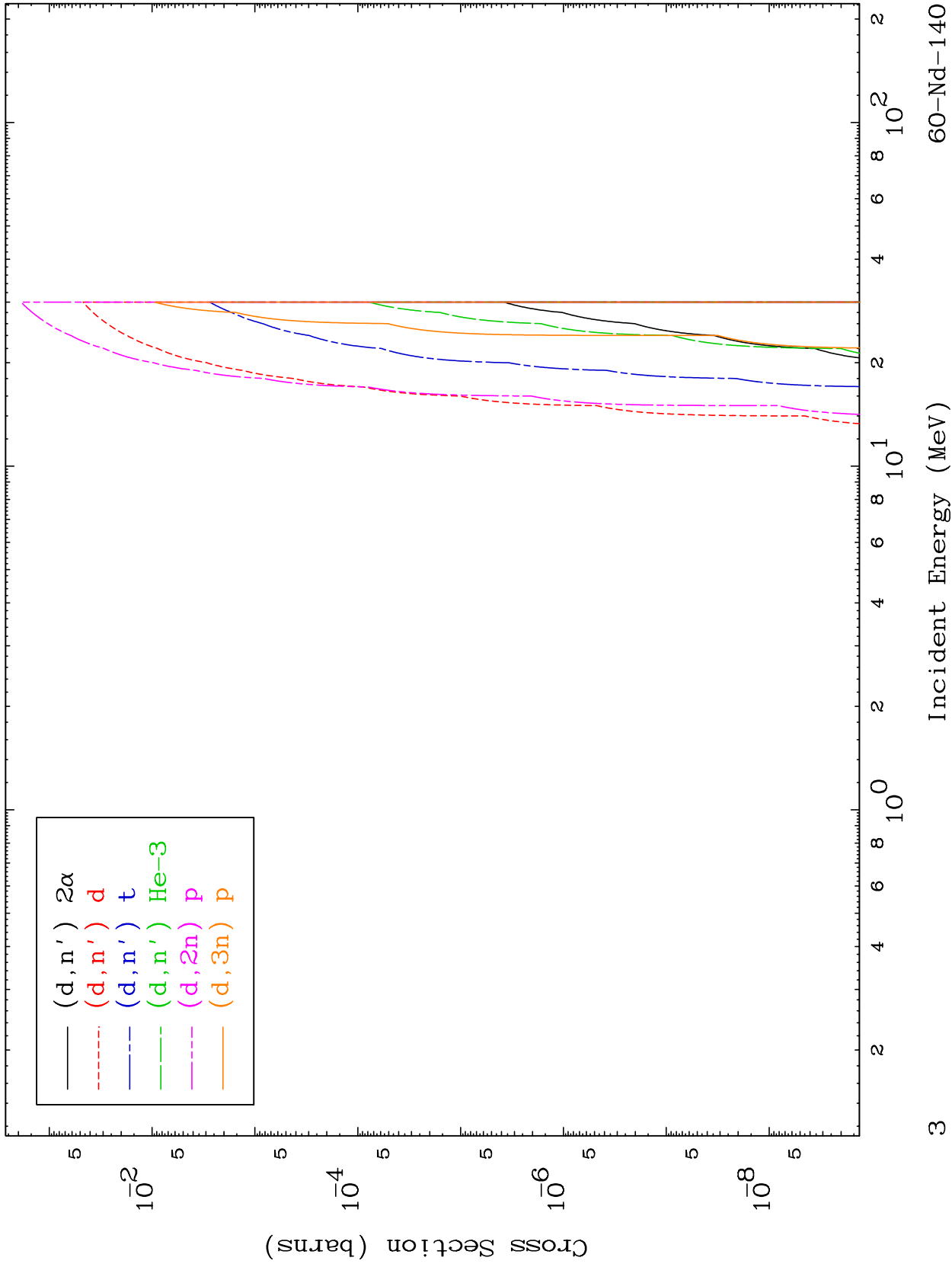
— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

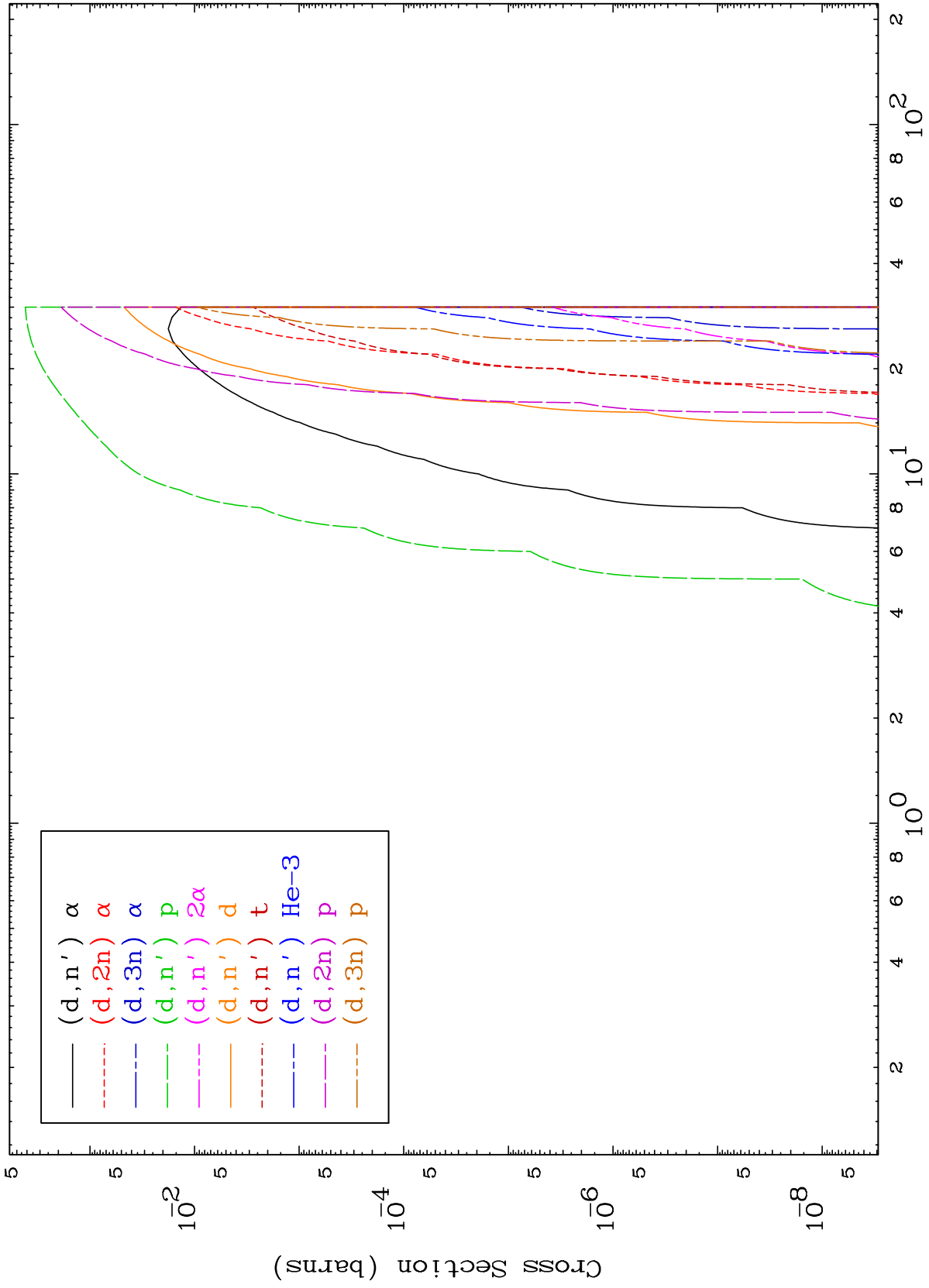


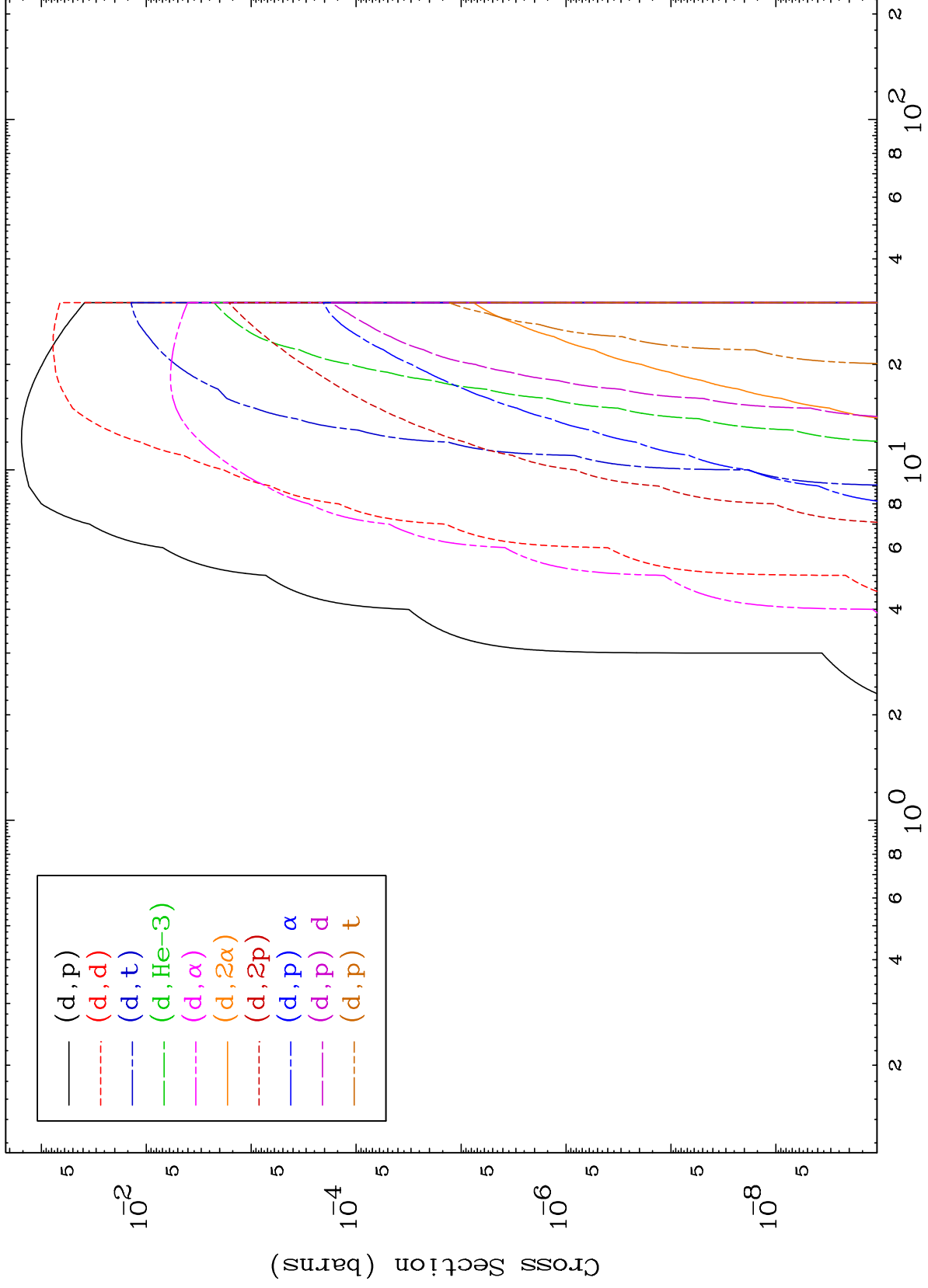
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Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-140





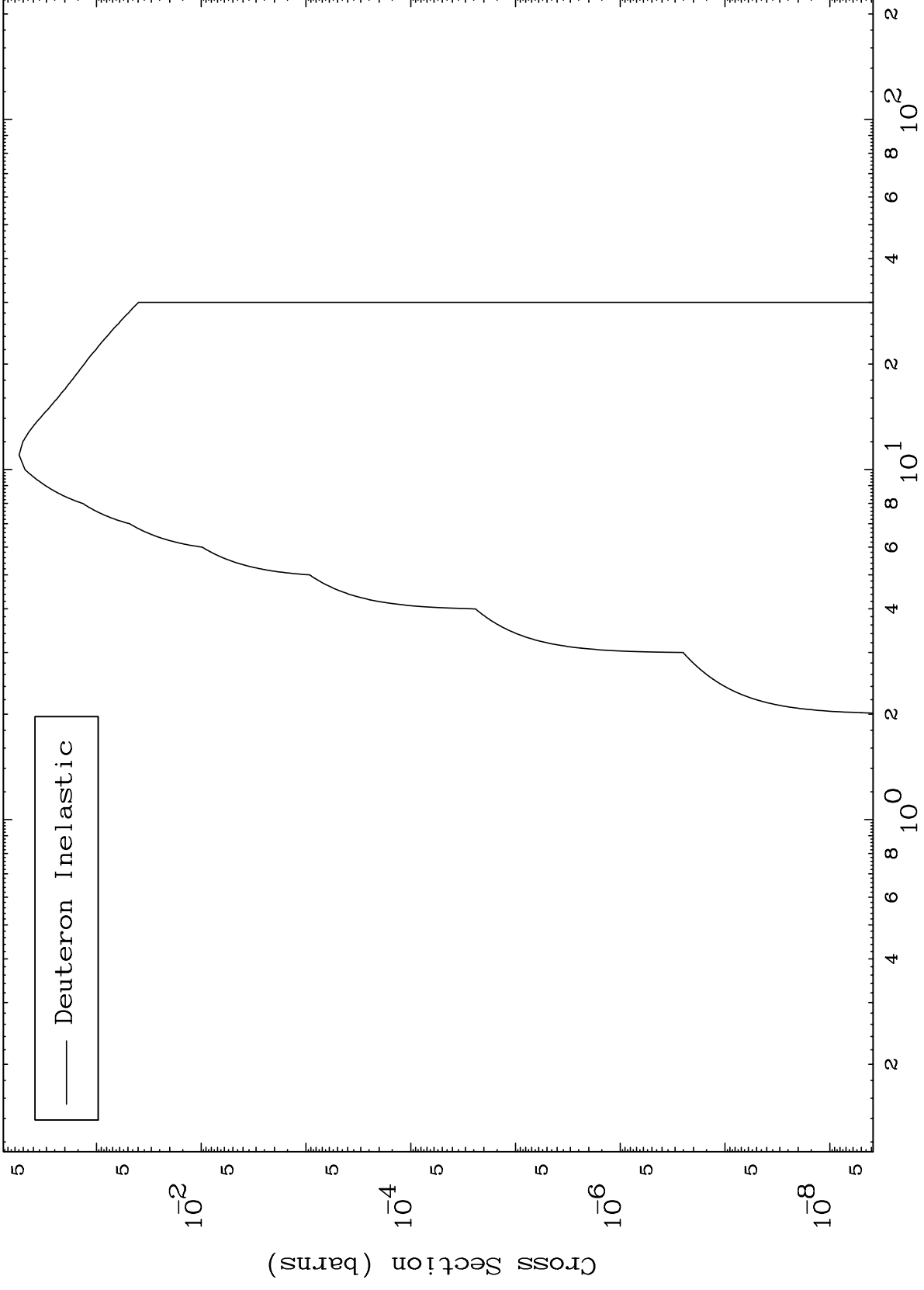


MAT 6019

(d,n') Level

60-Nd-140

0 Kelvin Cross Sections

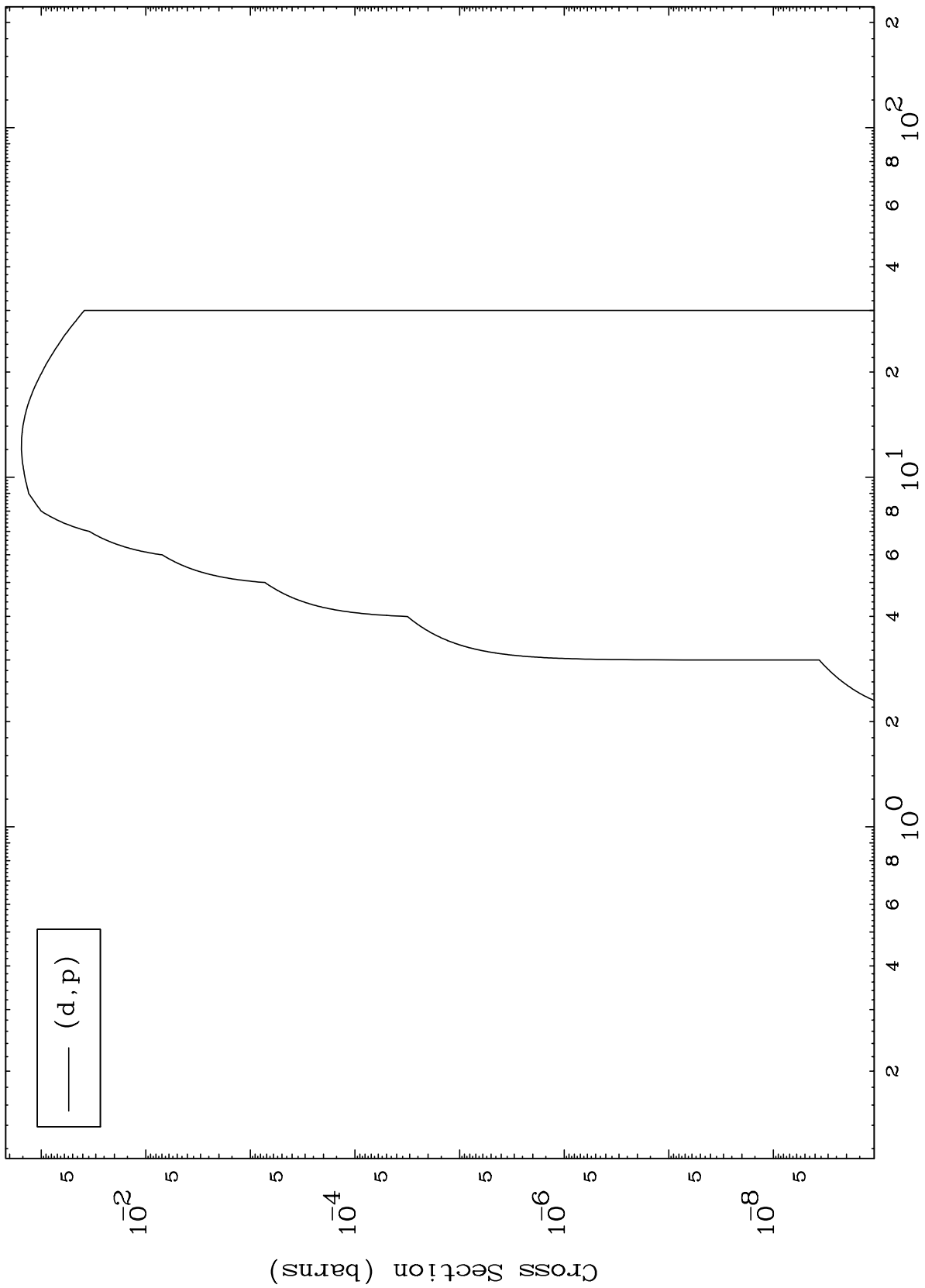


— Deuteron Inelastic

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60-Nd-140

(d,p) Levels
0 Kelvin Cross Sections



60-Nd-140

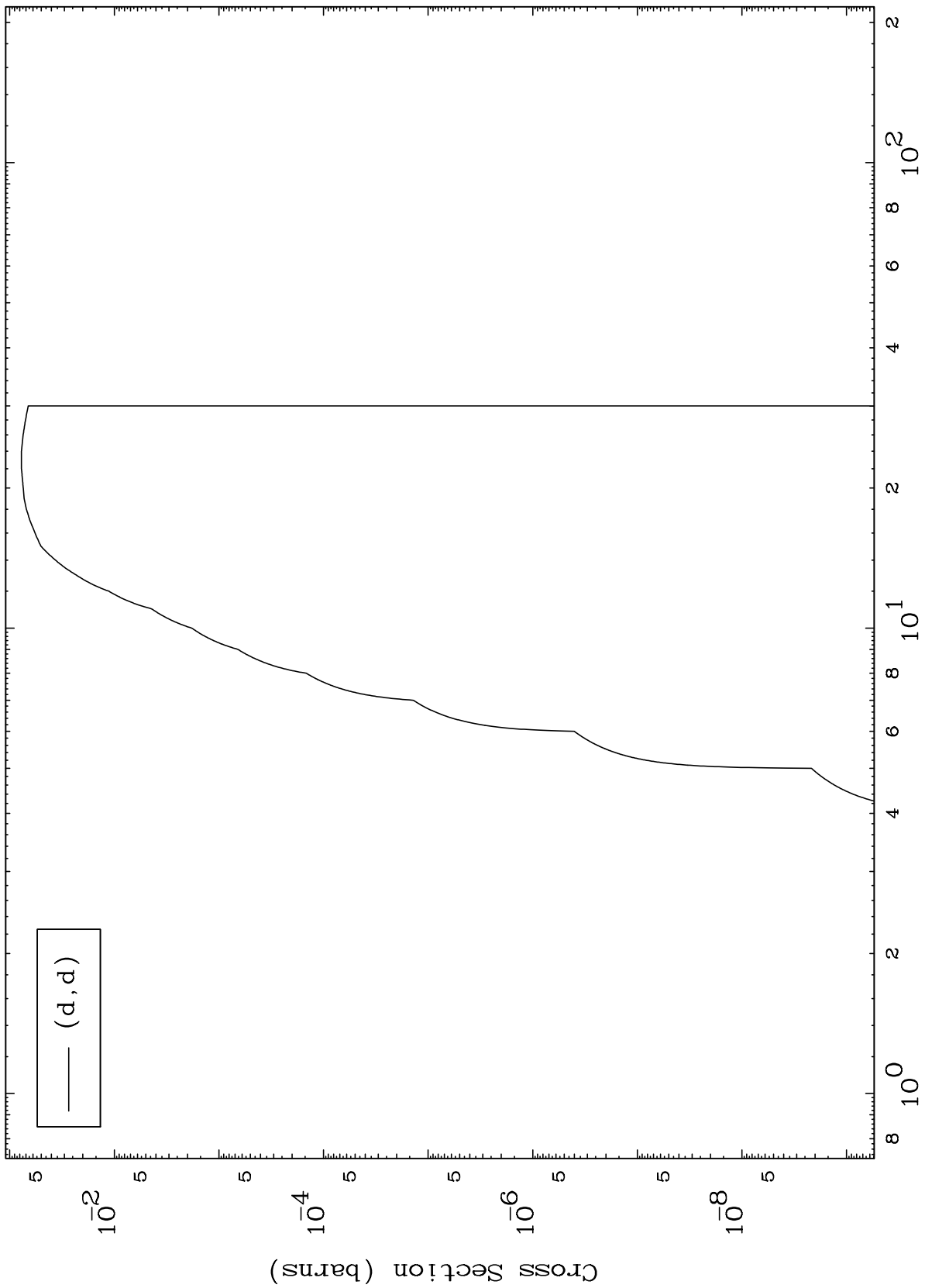
Incident Energy (MeV)

MAT 6019

(d,d) Levels

60-Nd-140

0 Kelvin Cross Sections



8

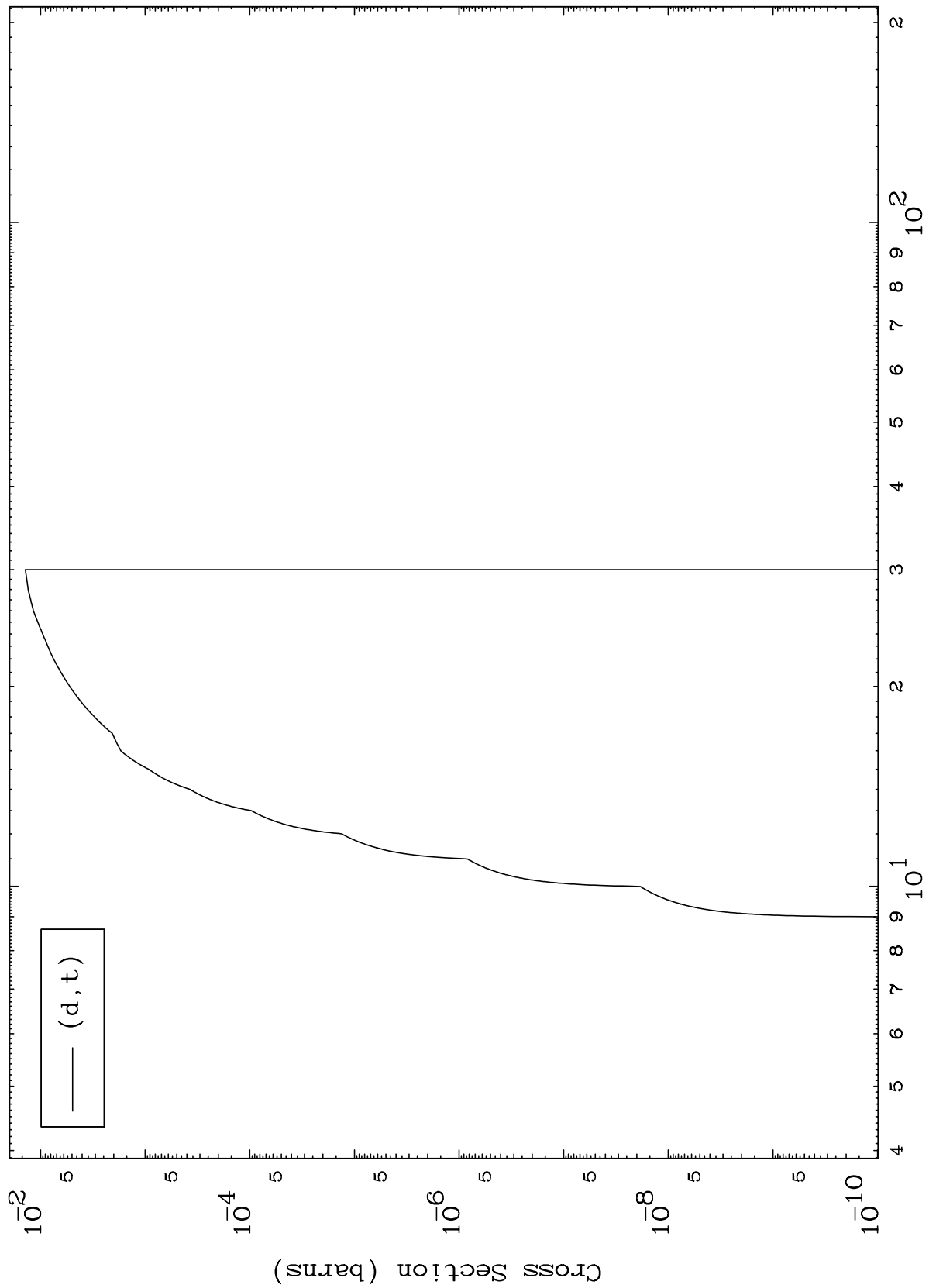
Incident Energy (MeV)

60-Nd-140

MAT 6019

60-Nd-140

(d,t) Levels
0 Kelvin Cross Sections



(d,t)

60-Nd-140

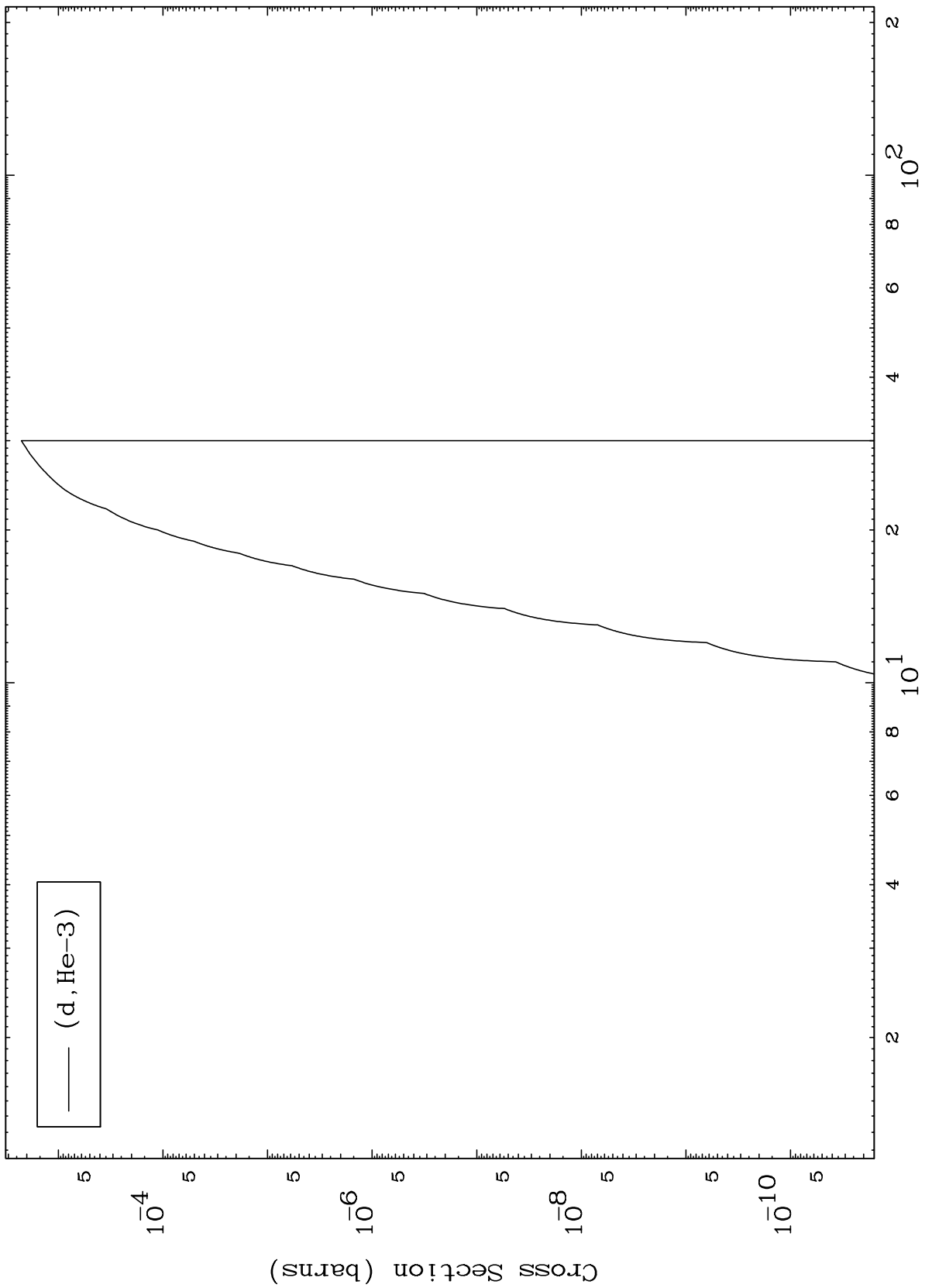
Incident Energy (MeV)

9

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60-Nd-140

(d,He3) Levels
0 Kelvin Cross Sections



10

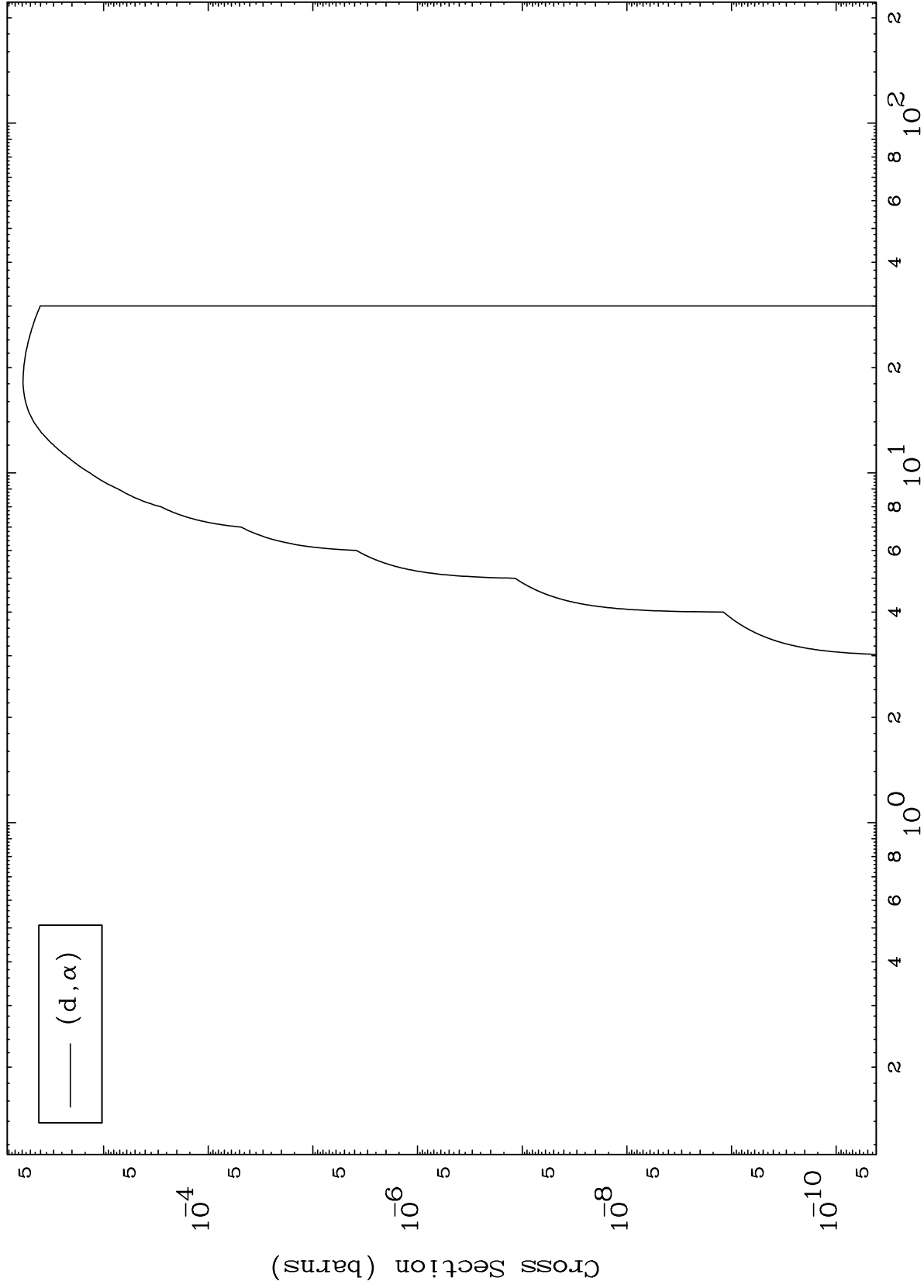
60-Nd-140

MAT 6019

(d, α) Levels

60-Nd-140

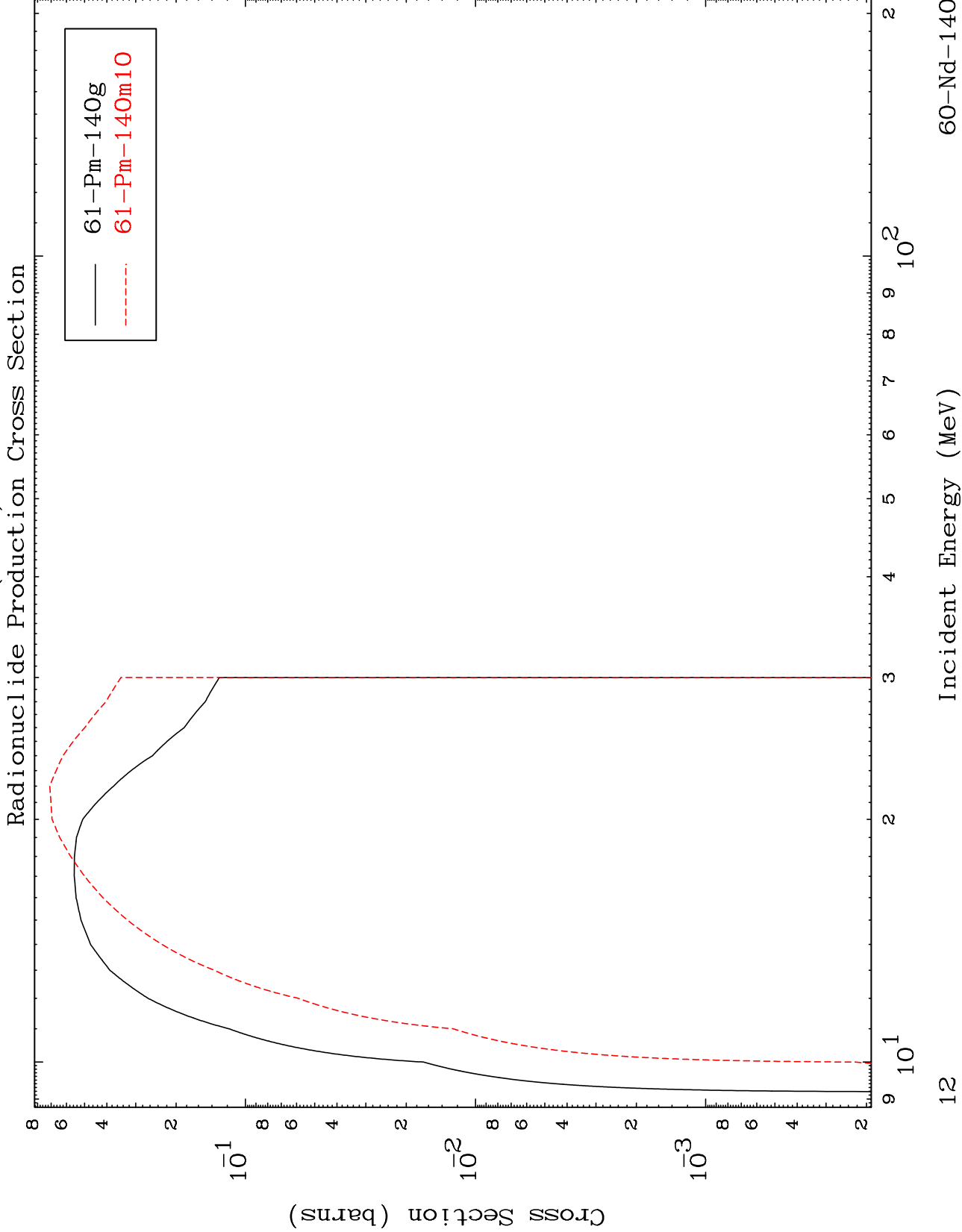
0 Kelvin Cross Sections



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(d,2n)

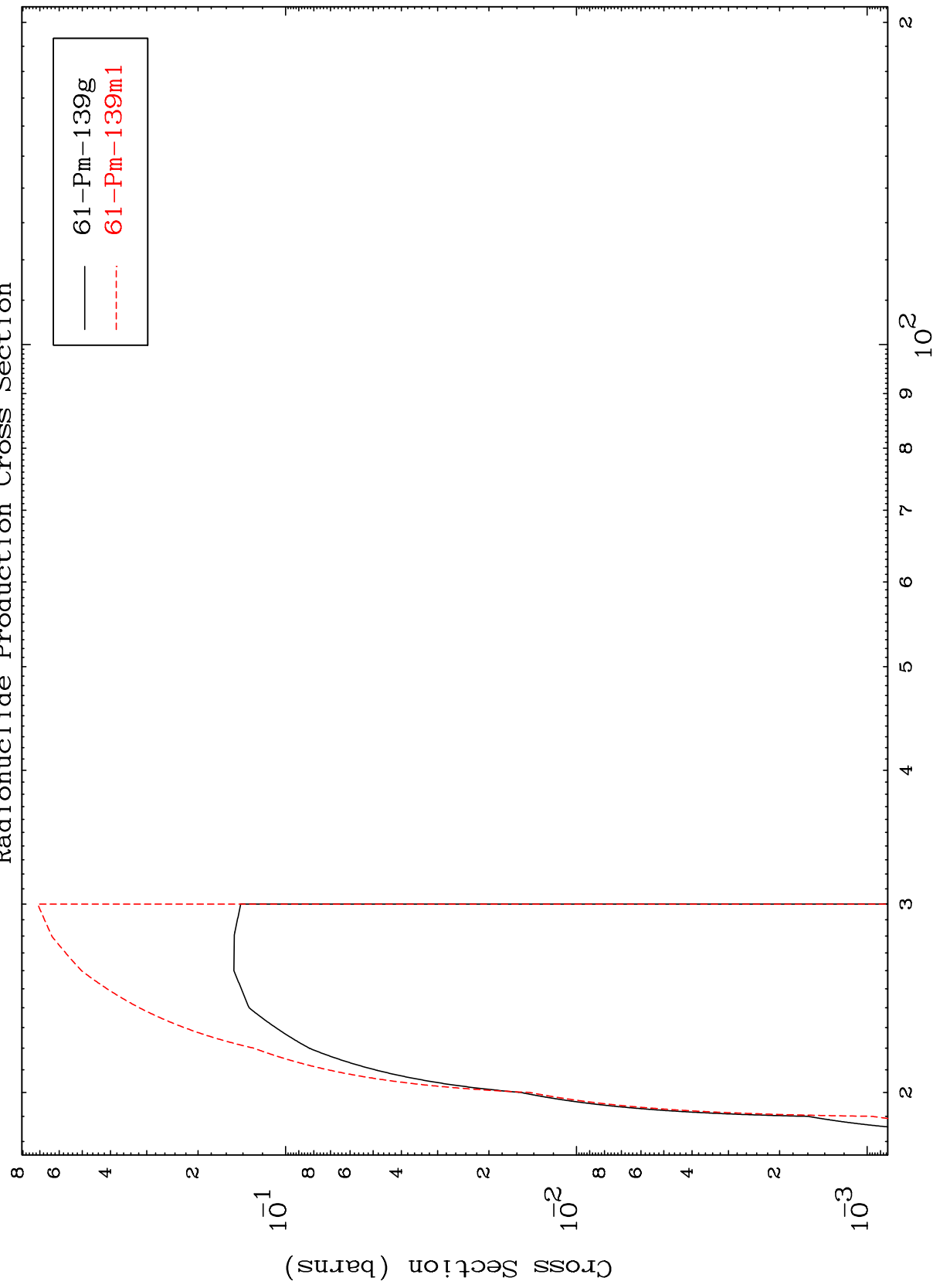
60-Nd-140



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60-Nd-140

(d,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

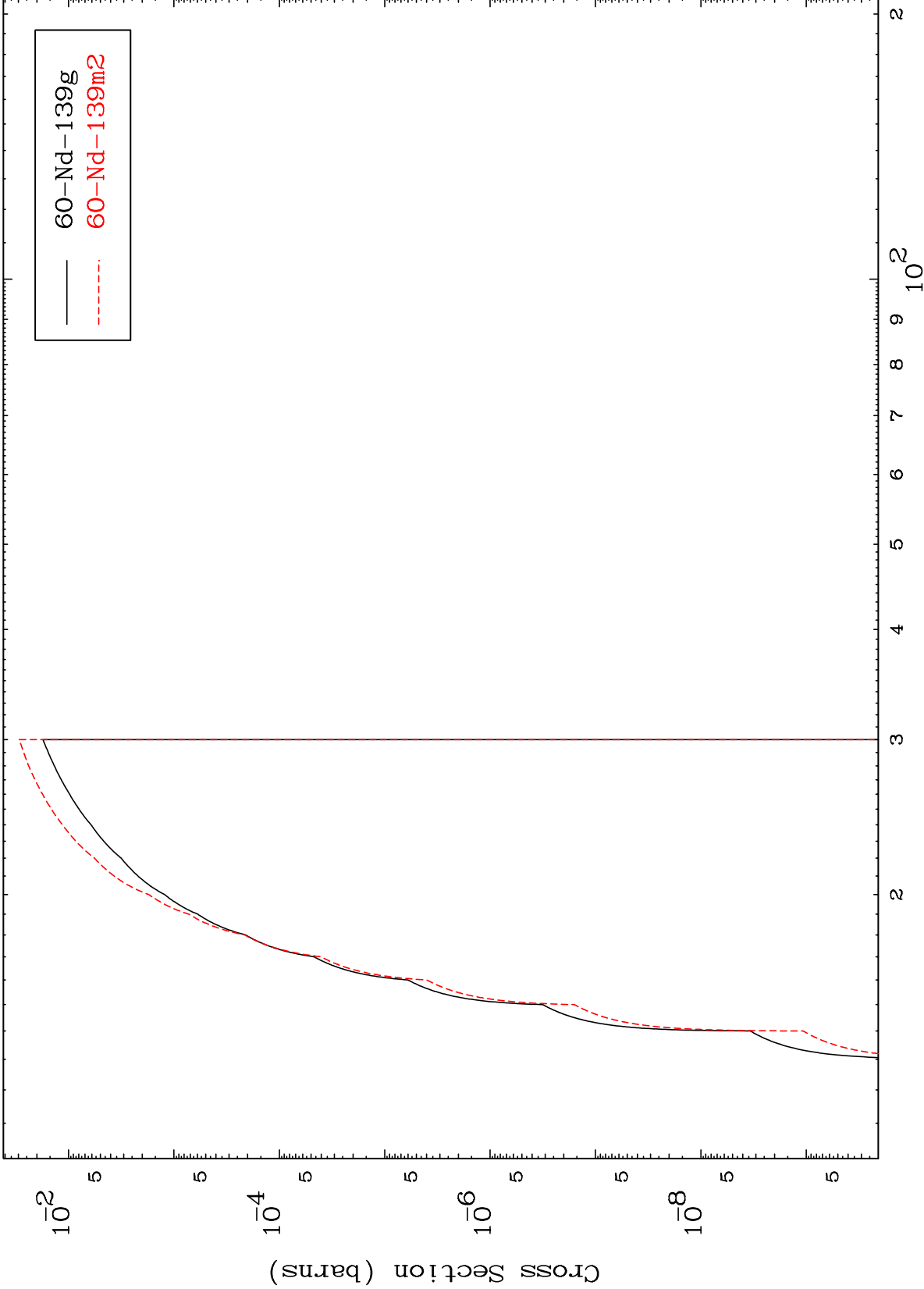
60-Nd-140

MAT 6019

(d,n') d

60-Nd-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

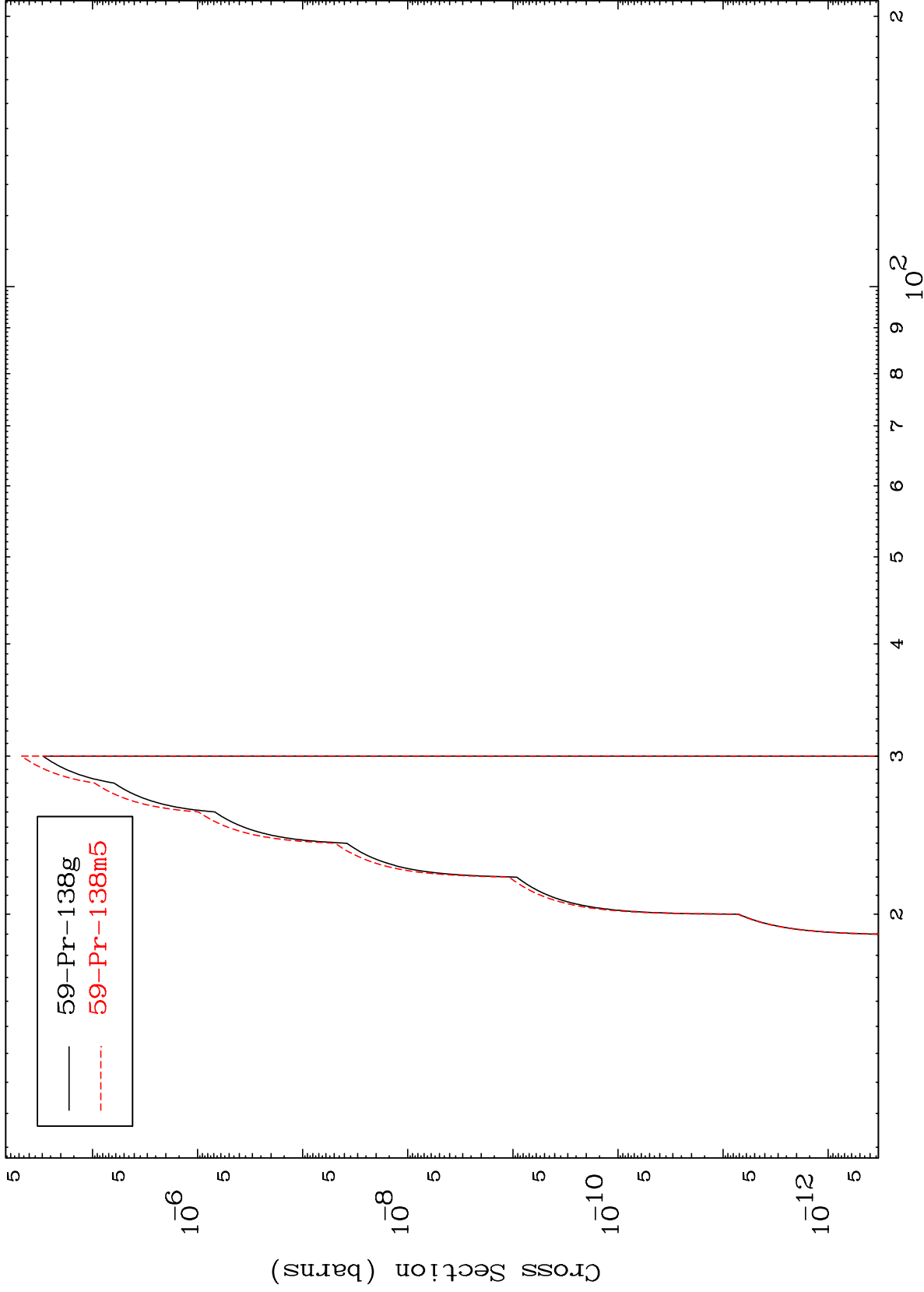
60-Nd-140

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(d,n') He-3

60-Nd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

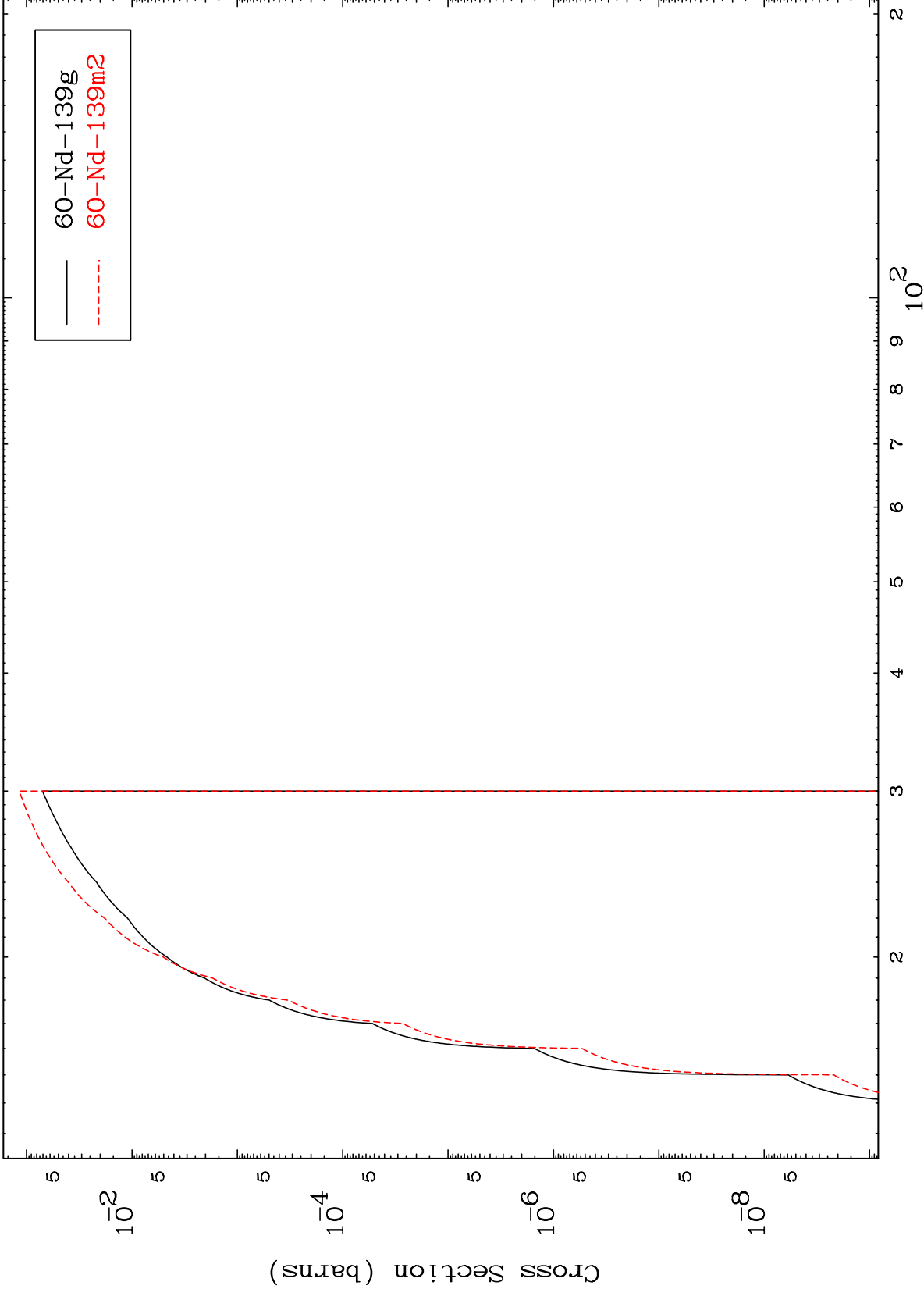
60-Nd-140

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(d,2n) p

60-Nd-140

Radionuclide Production Cross Section



16

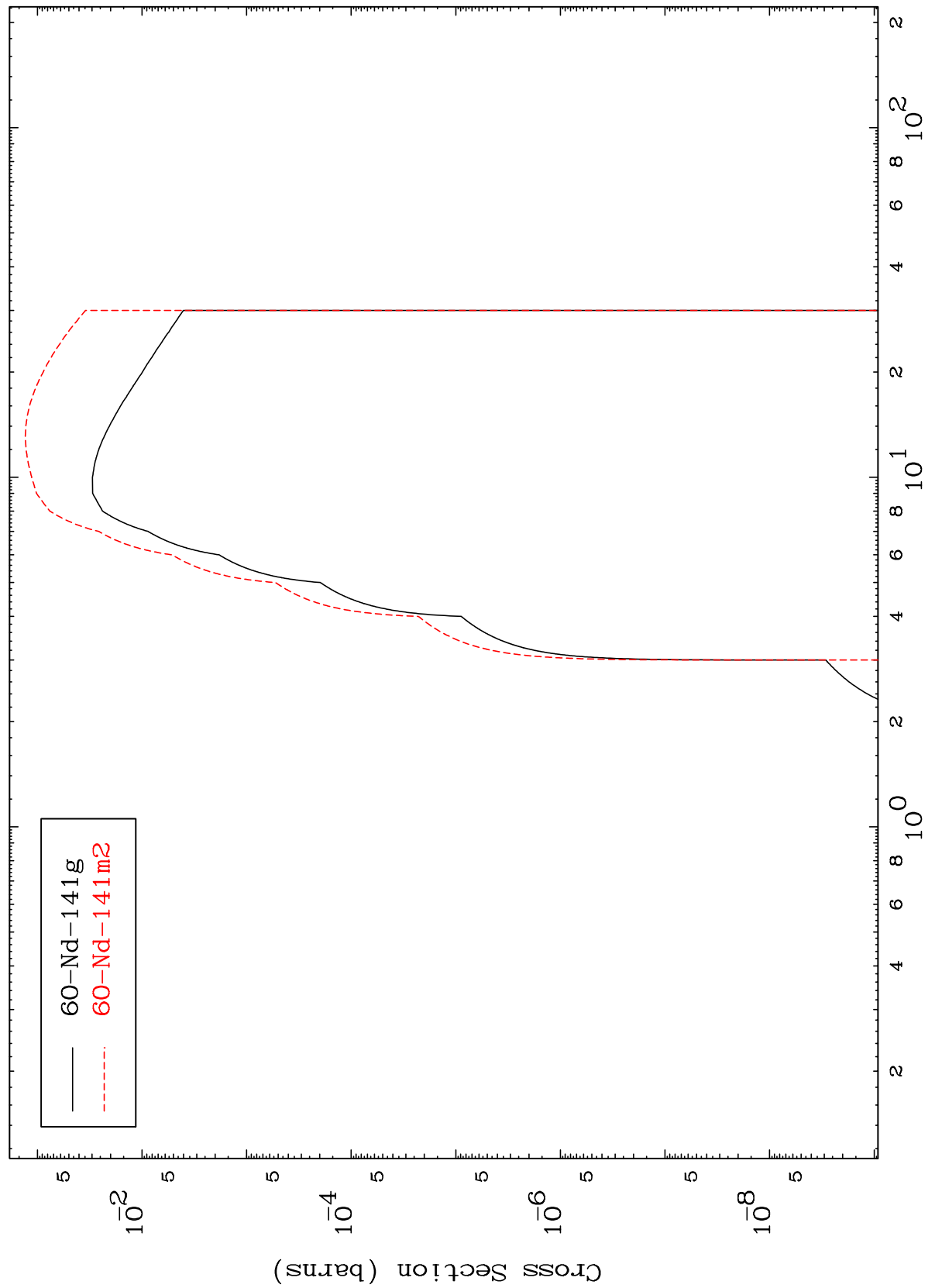
Incident Energy (MeV)

60-Nd-140

MAT 6019

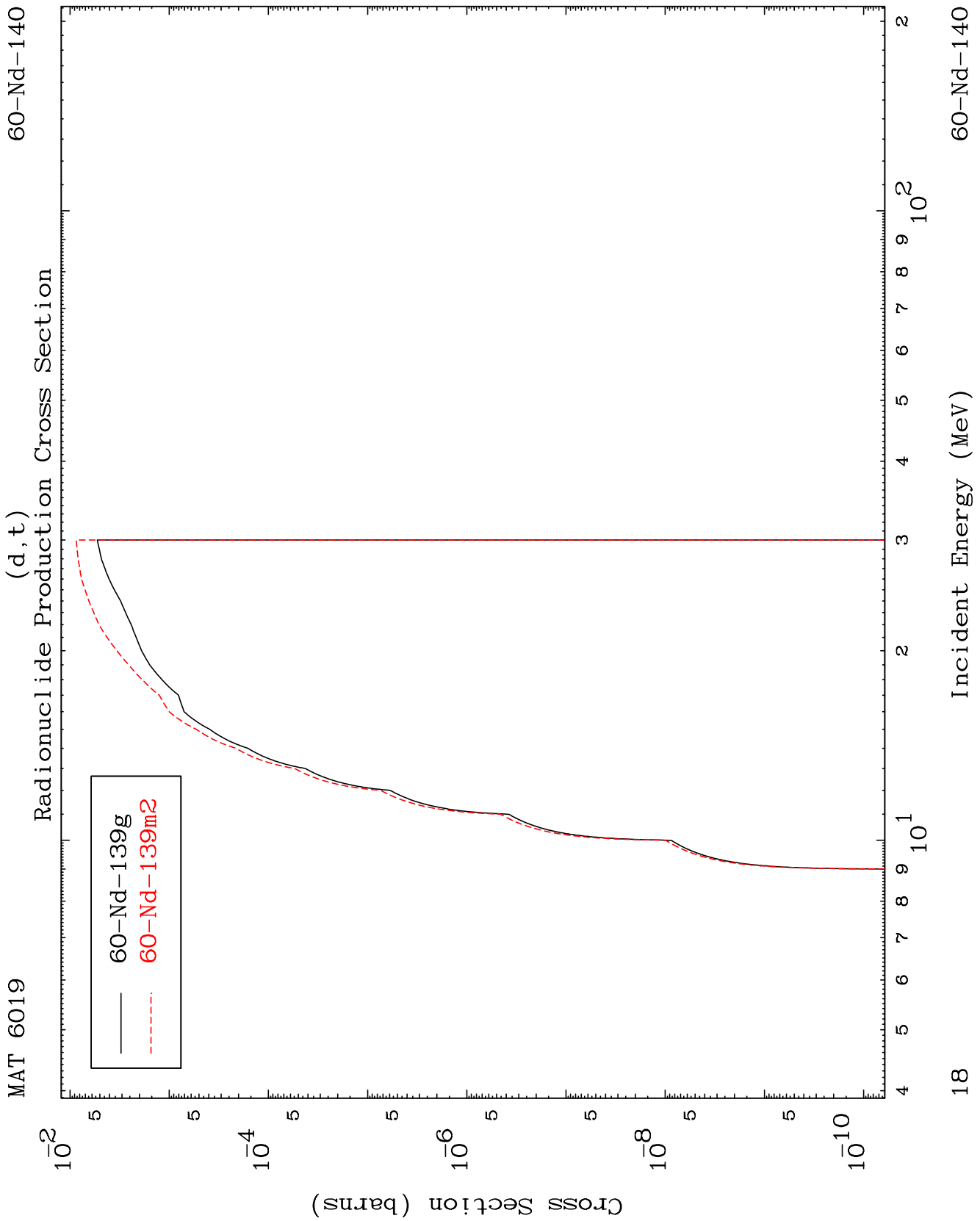
60-Nd-140

(d,p)
Radionuclide Production Cross Section



60-Nd-140

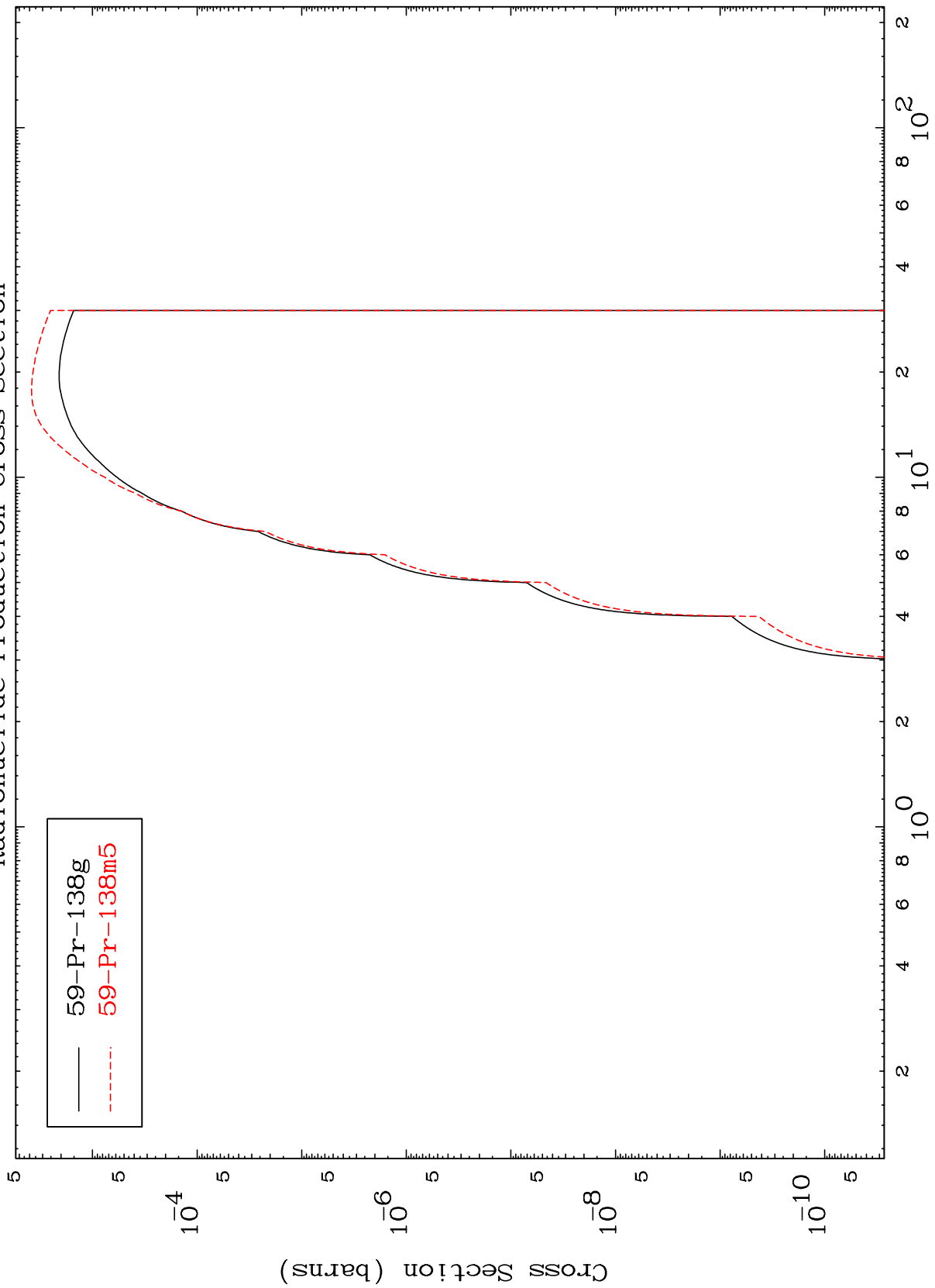
Incident Energy (MeV)



MAT 6019

60-Nd-140

Radionuclide Production Cross Section
(d, α)



60-Nd-140

Incident Energy (MeV)

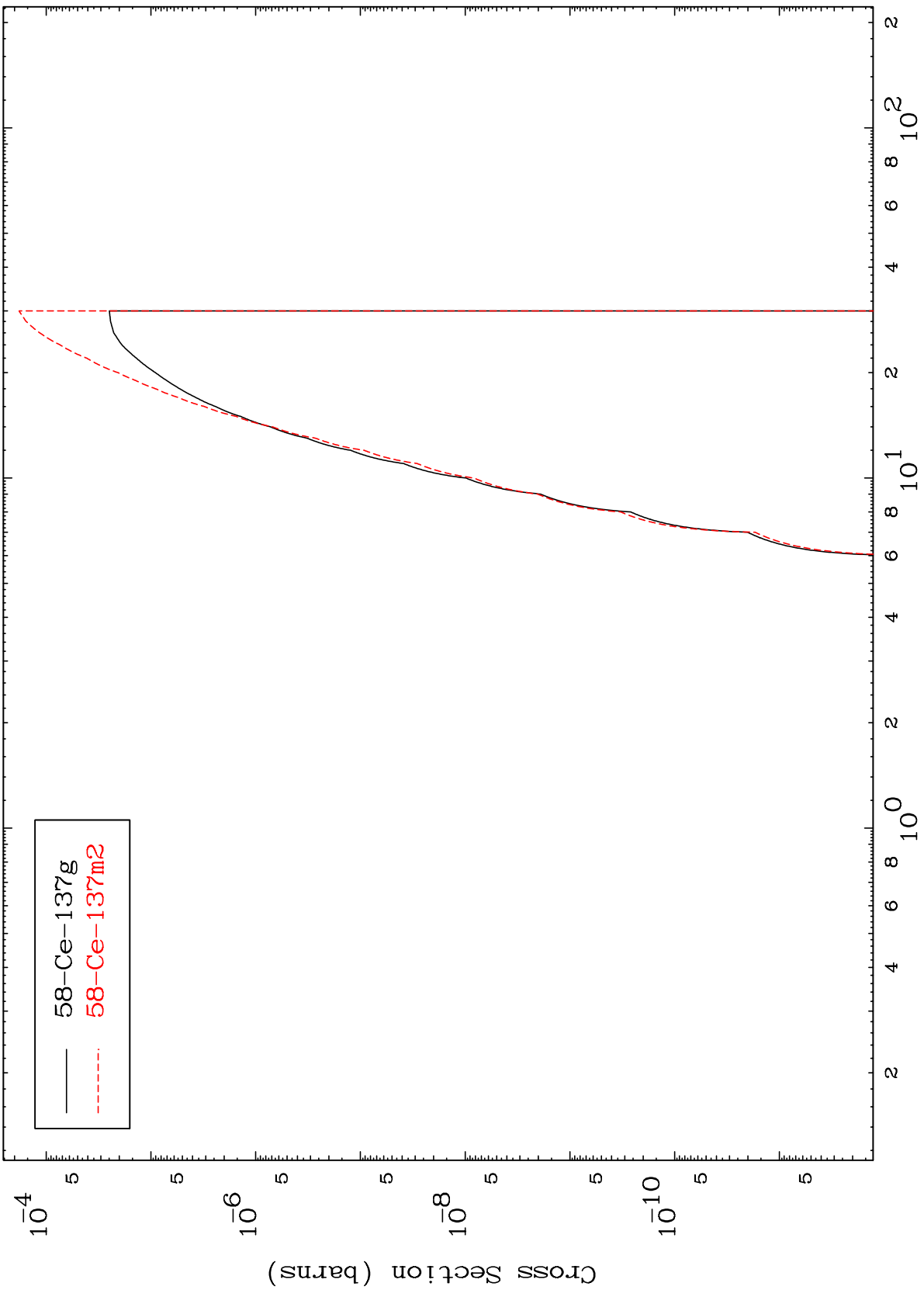
19

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(d,p) α

60-Nd-140

Radionuclide Production Cross Section



58-Ce-137g
58-Ce-137m2

20

Incident Energy (MeV)

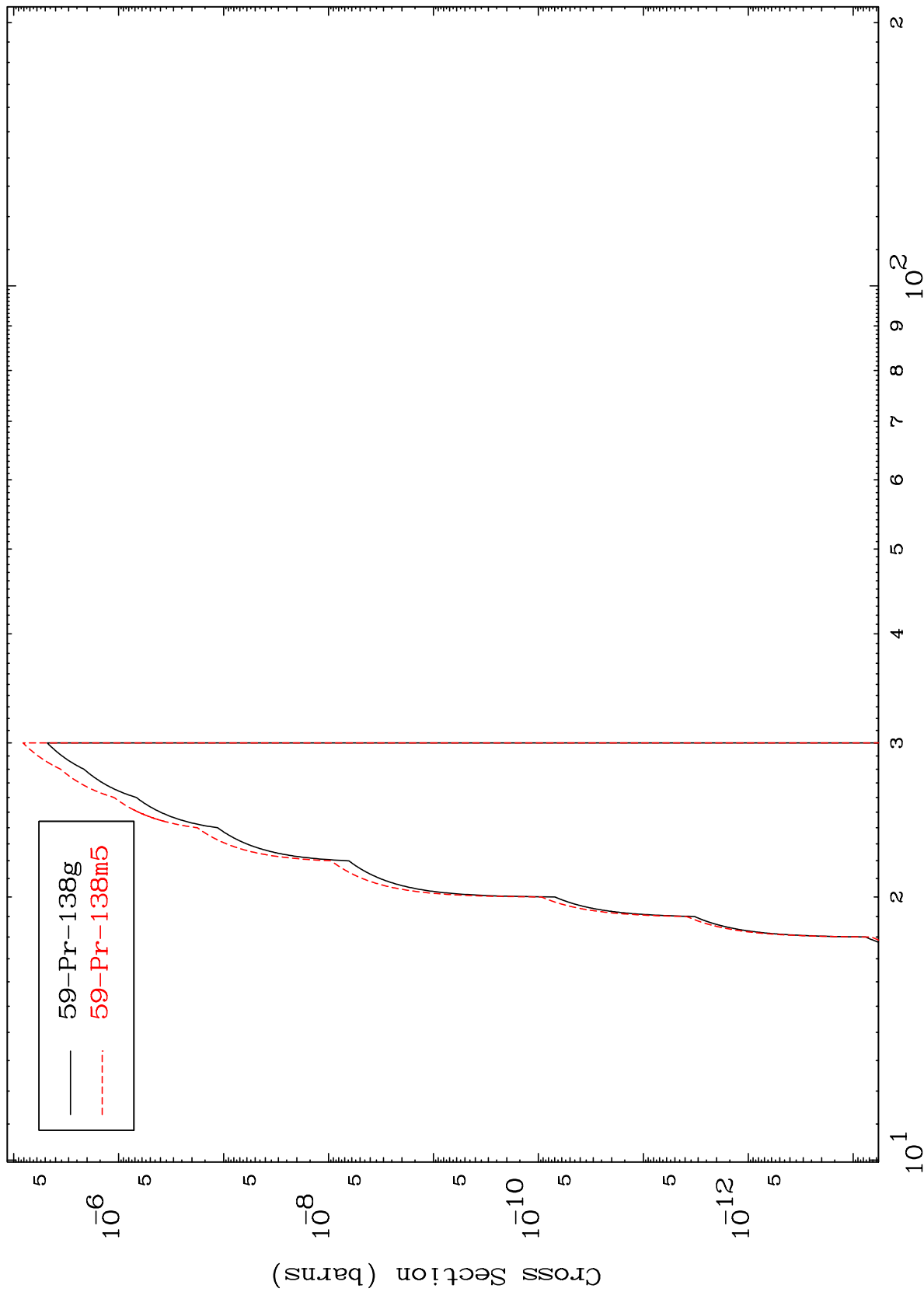
60-Nd-140

MAT 6019

(d,p) t

60-Nd-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

60-Nd-140