

Program EVALPLOT
(Version 2021-1)

by

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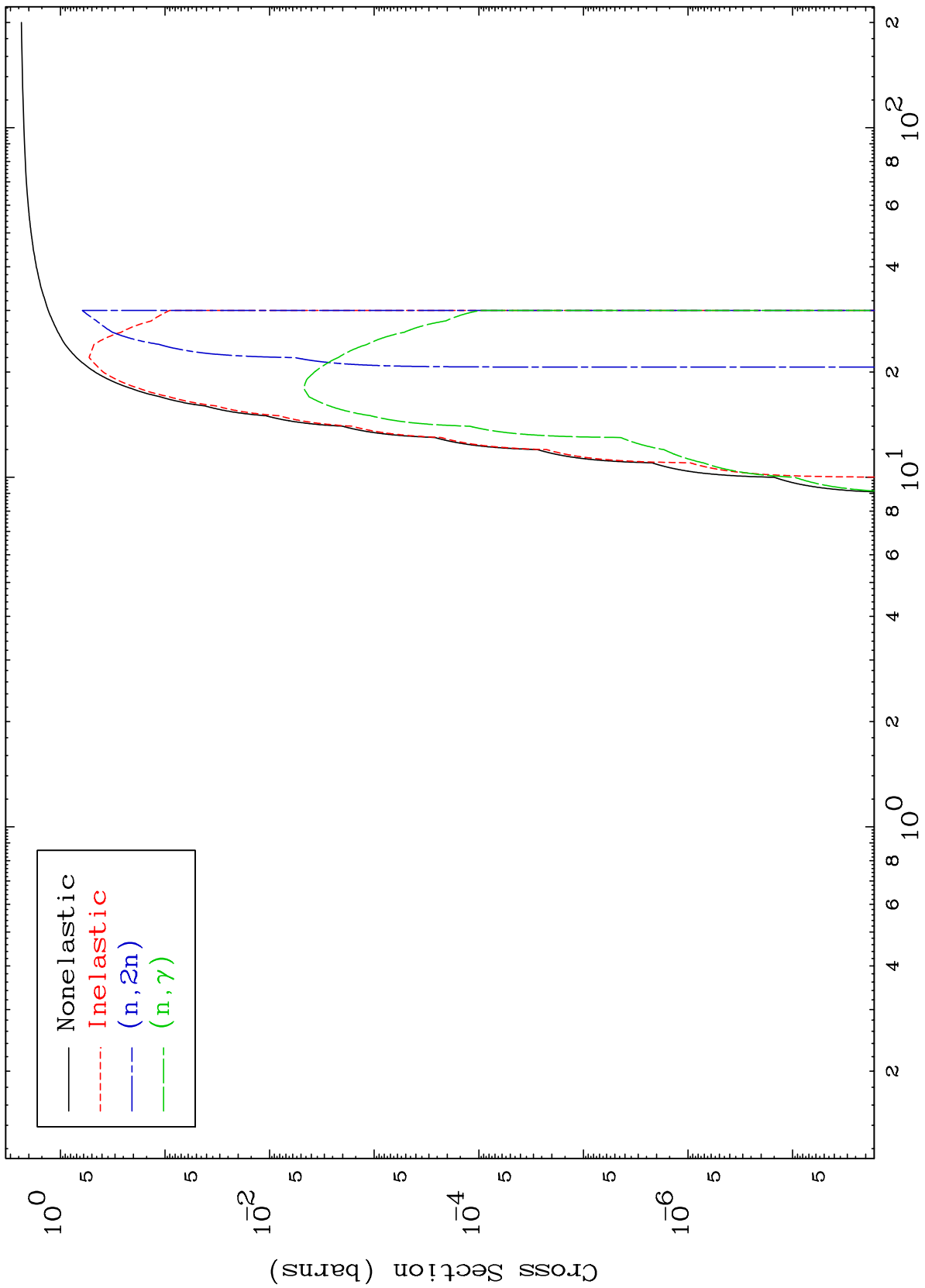
Press Mouse Button to Start

MAT 6129

α Major

61-Pm-140m

0 Kelvin Cross Sections

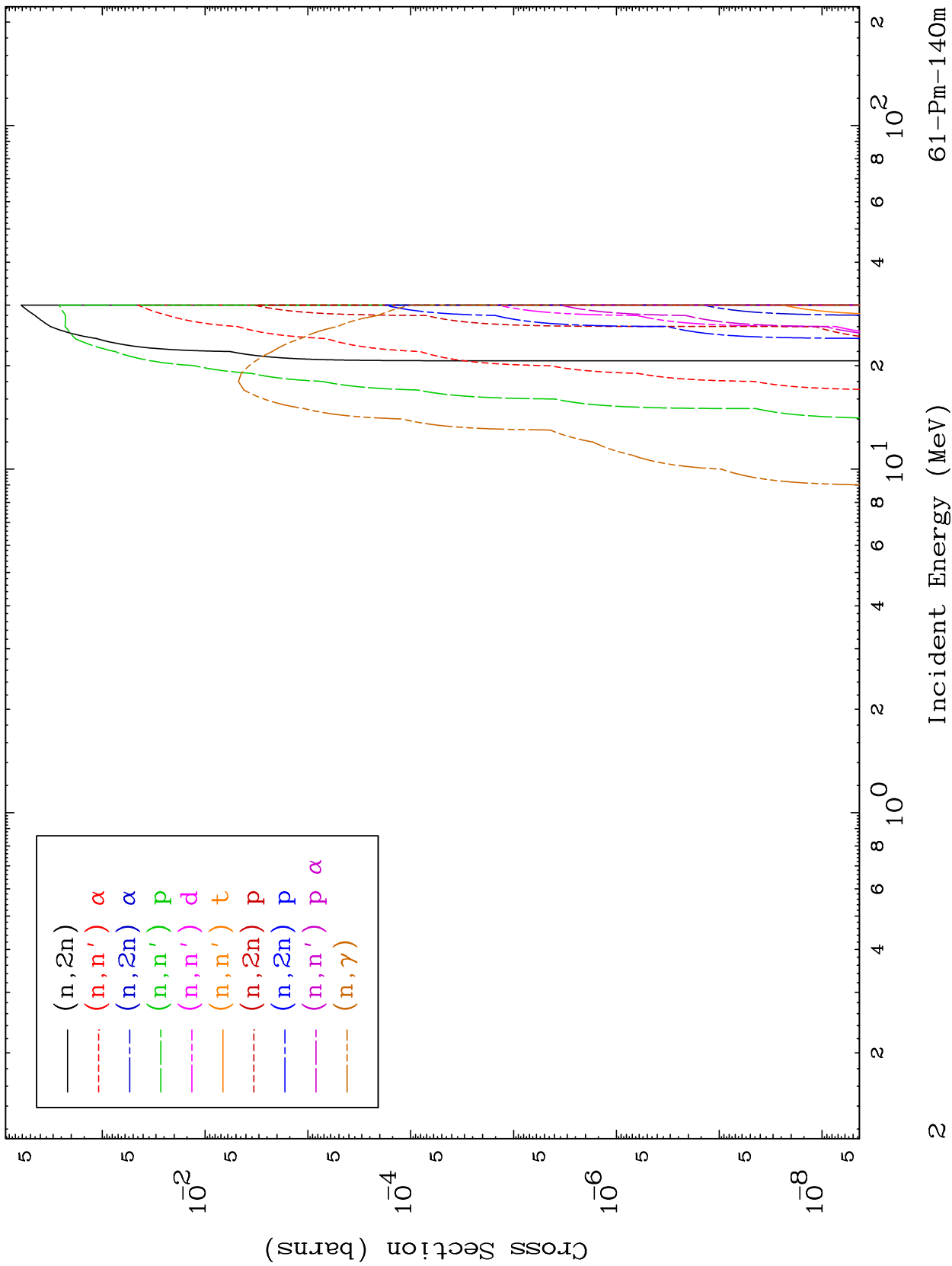


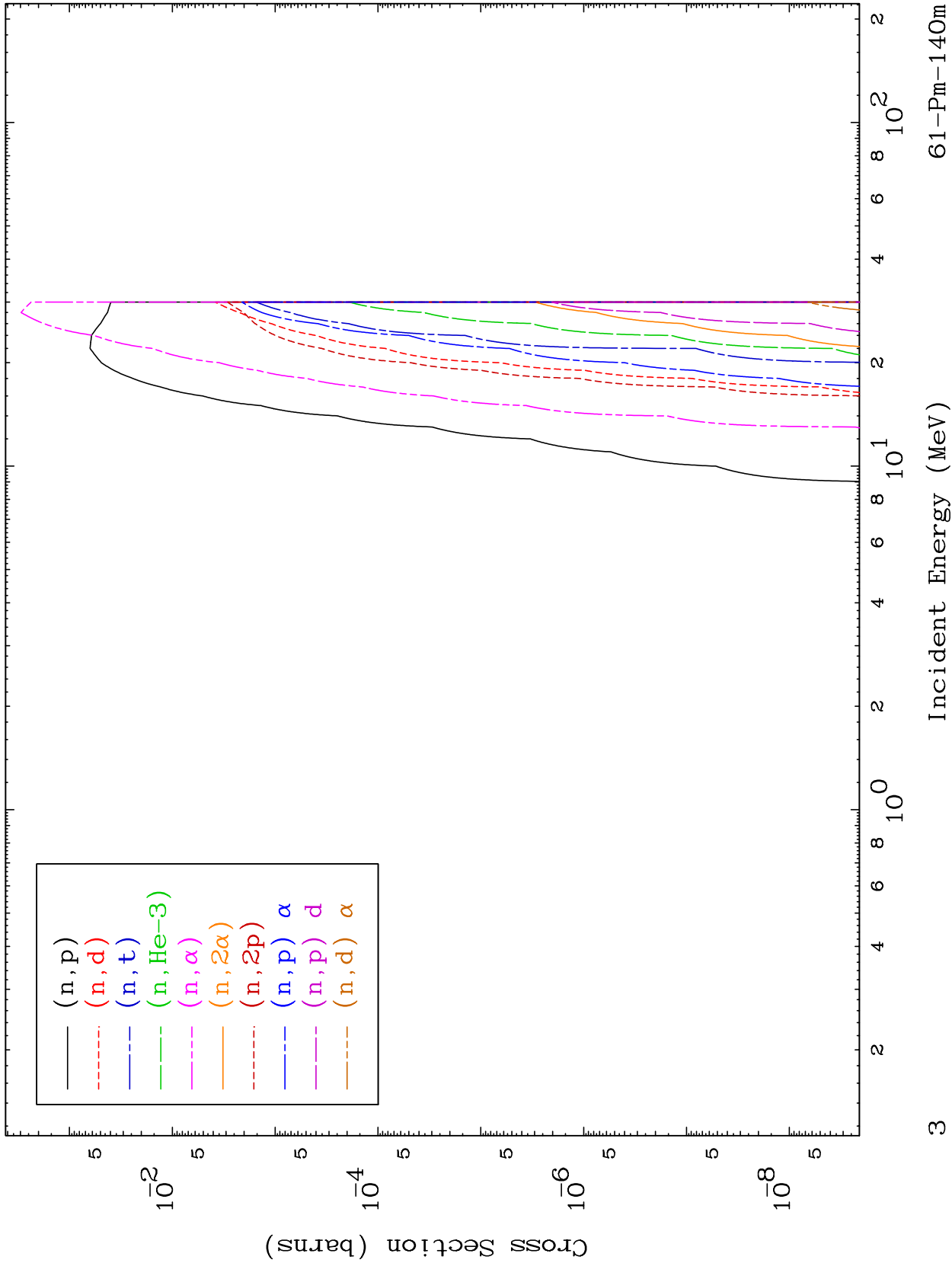
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

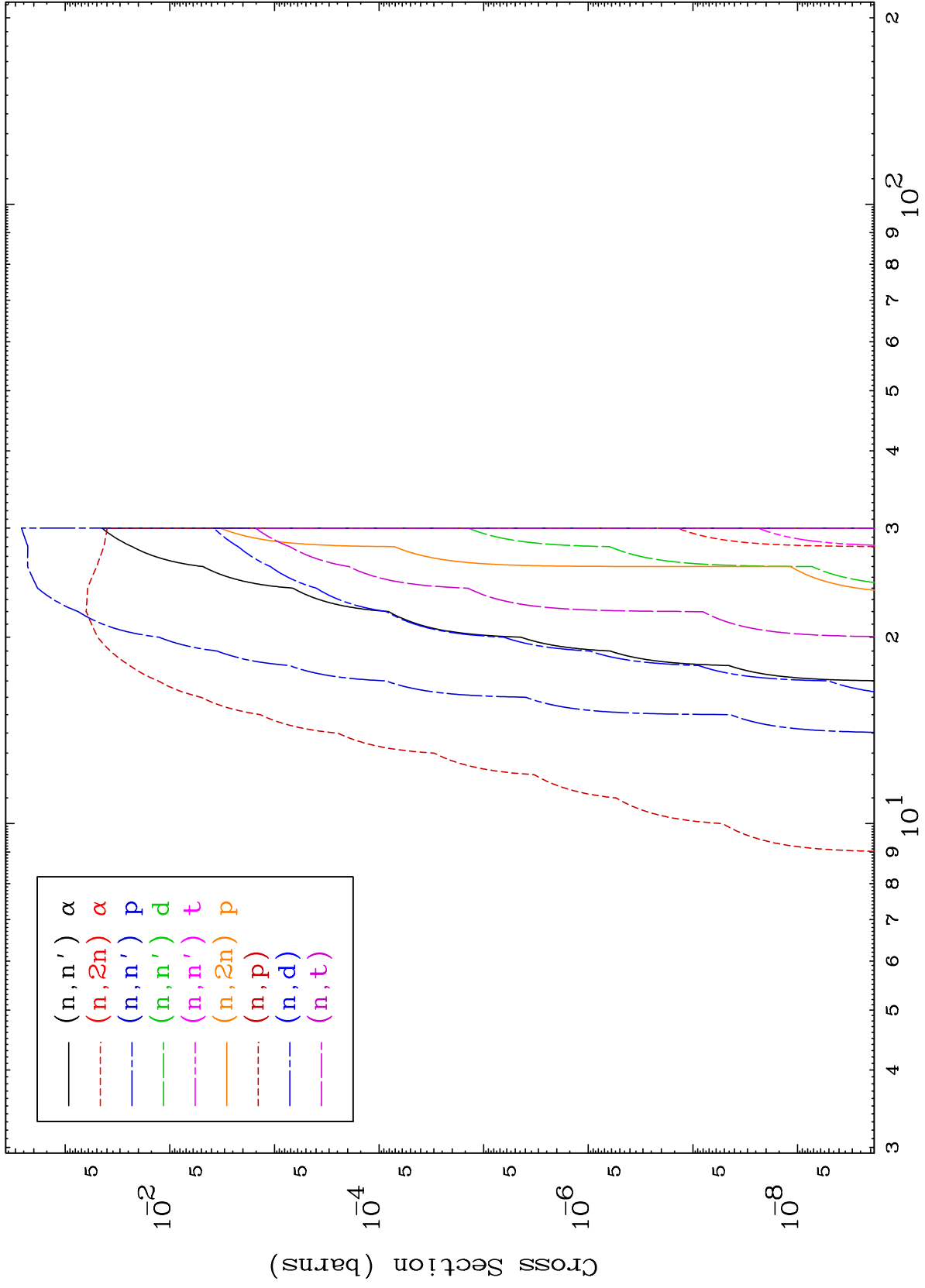
MAT 6129

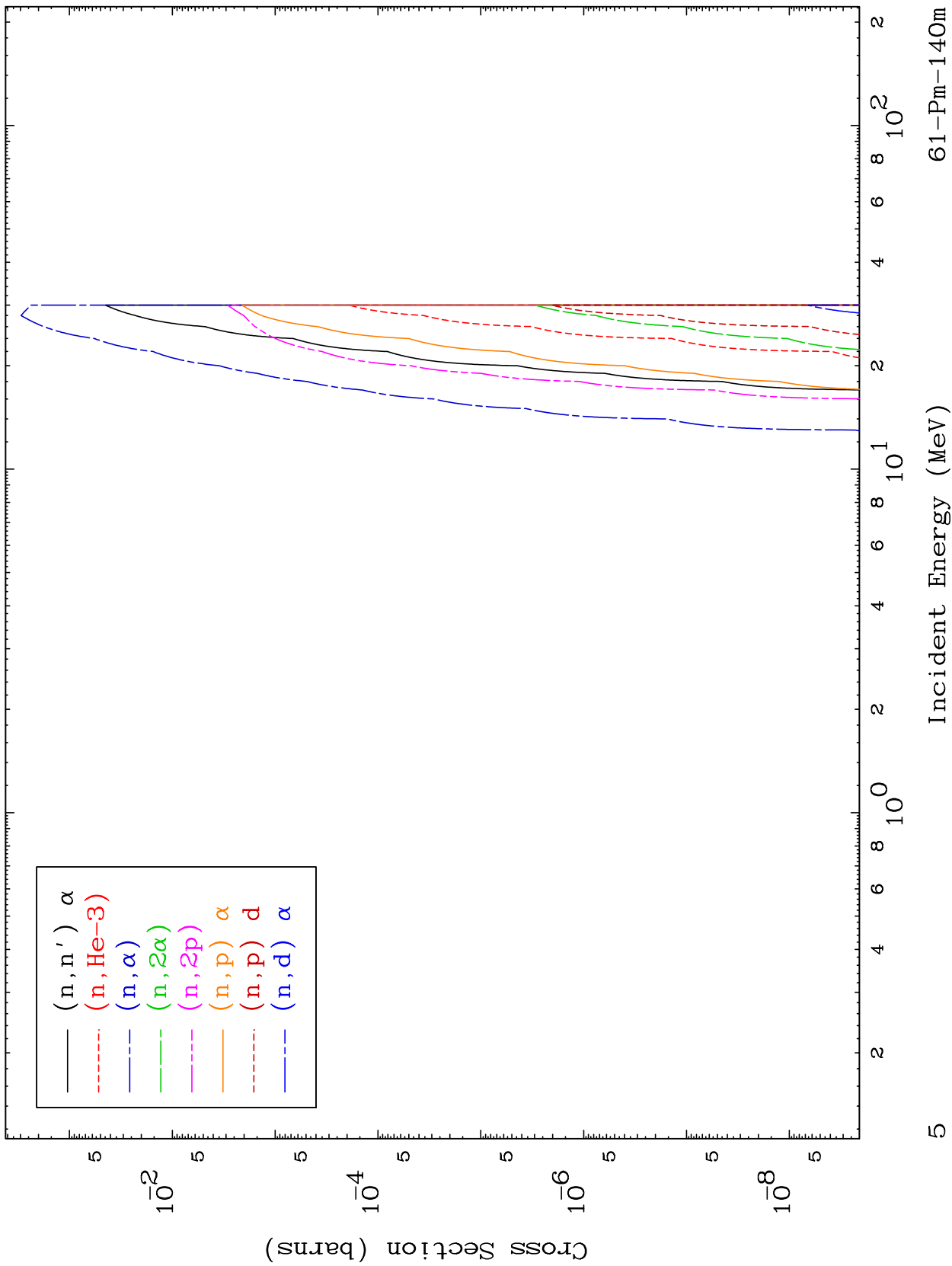
α Neutron Absorption
0 Kelvin Cross Sections

61-Pm-140m





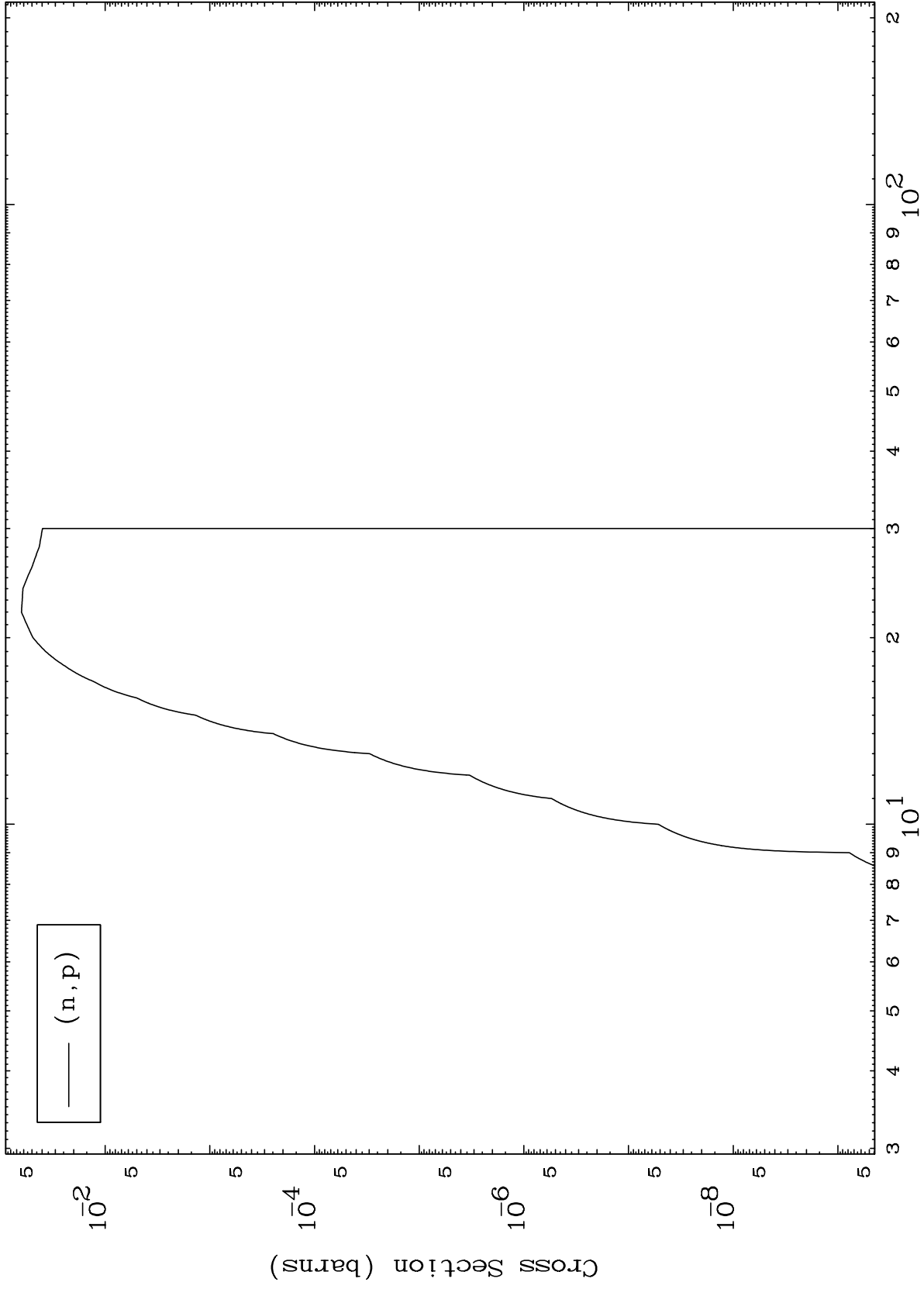




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(α, p) Levels
0 Kelvin Cross Sections

61-Pm-140m



Incident Energy (MeV)

61-Pm-140m

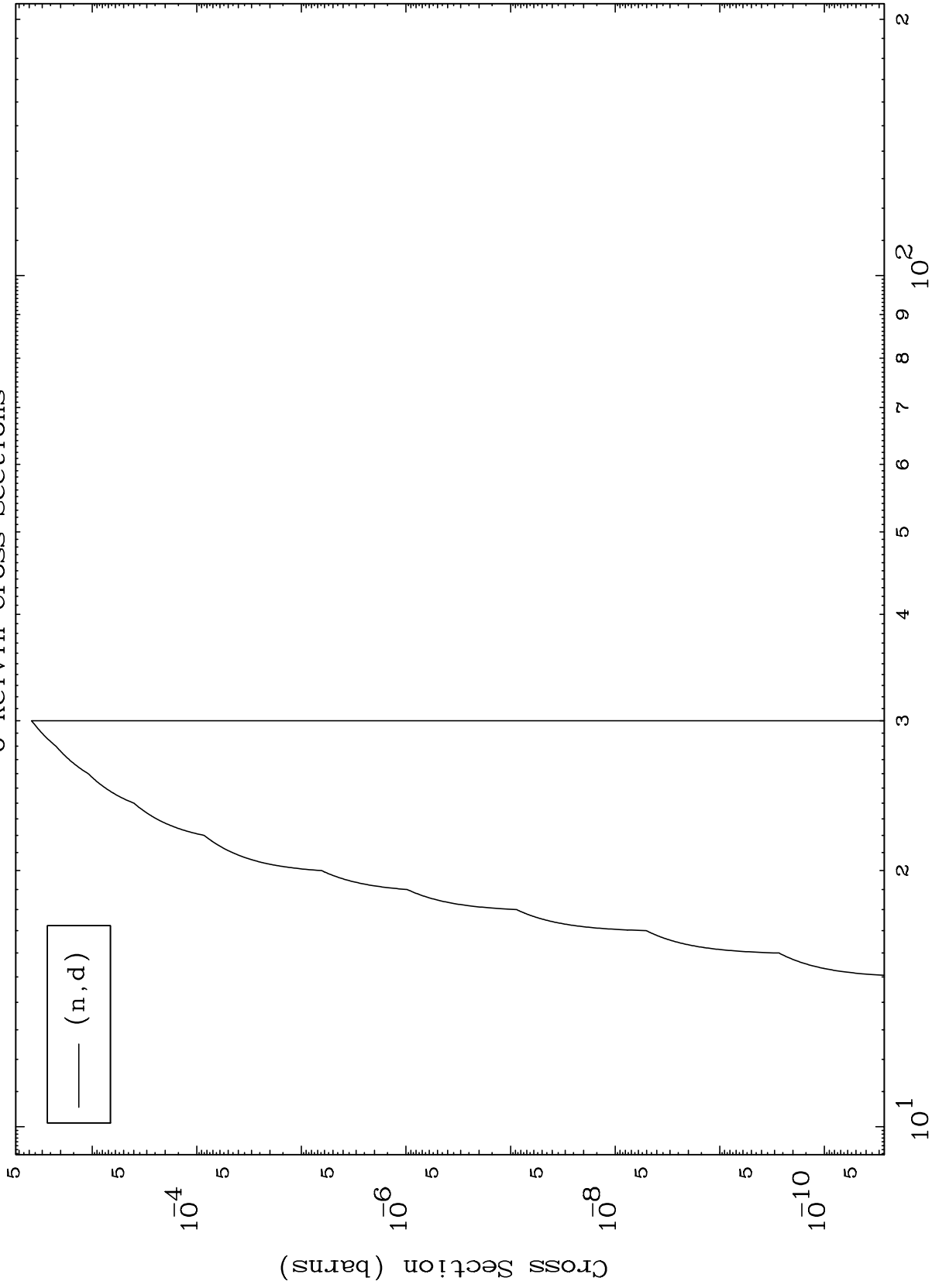
6

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(α, d) Levels

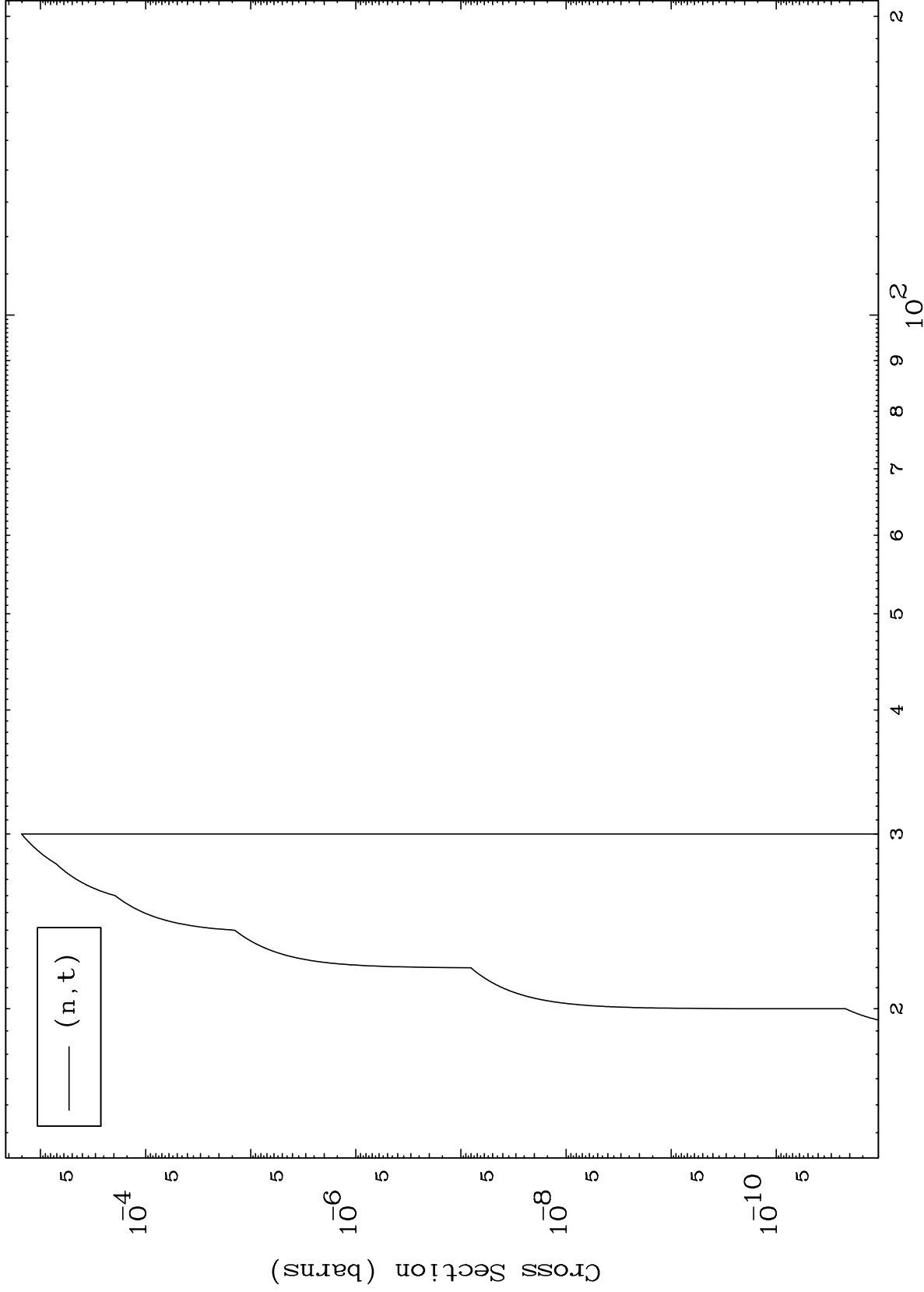
61-Pm-140m

0 Kelvin Cross Sections



Incident Energy (MeV)

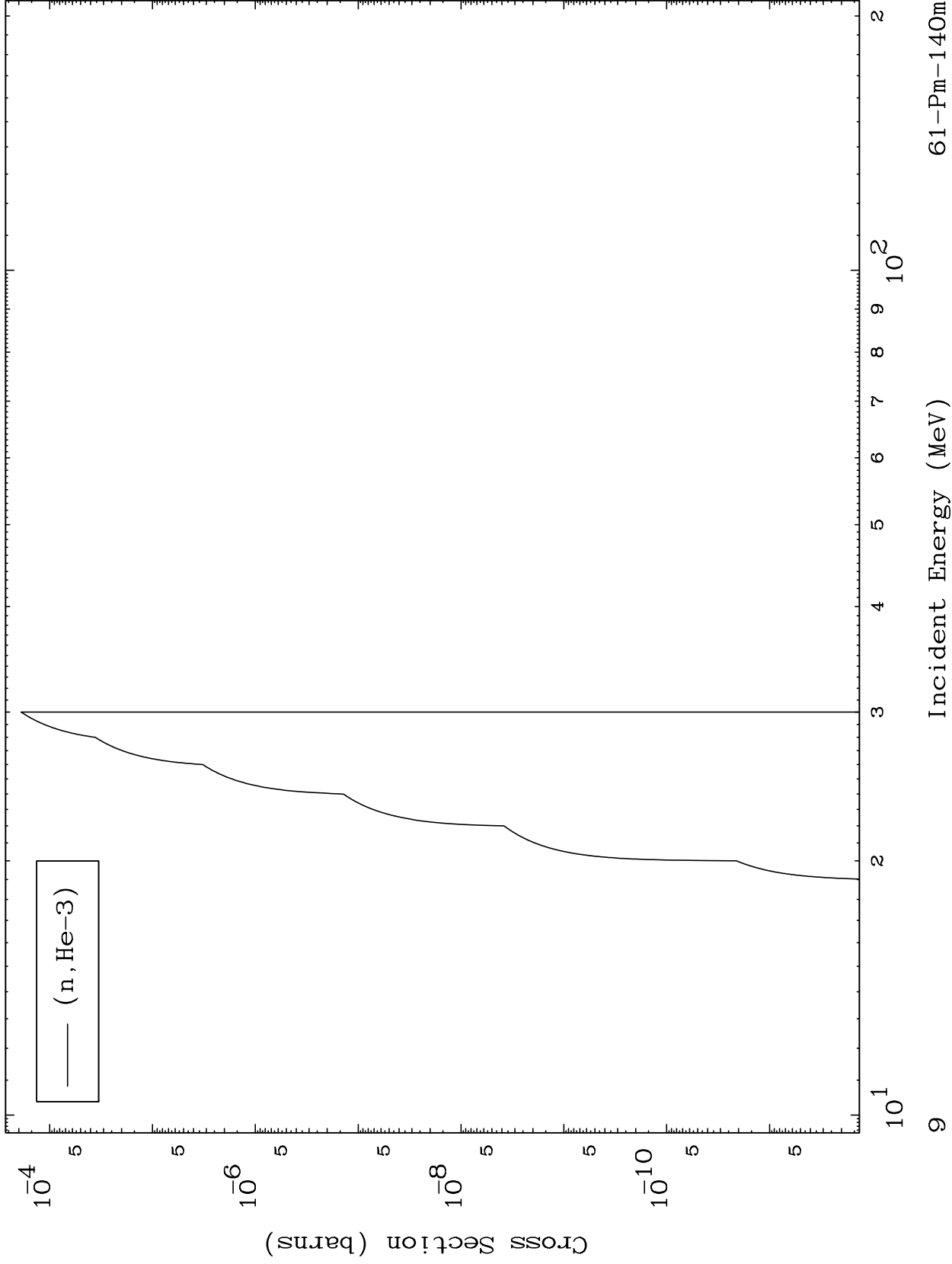
61-Pm-140m



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(α , He3) Levels
0 Kelvin Cross Sections

61-Pm-140m

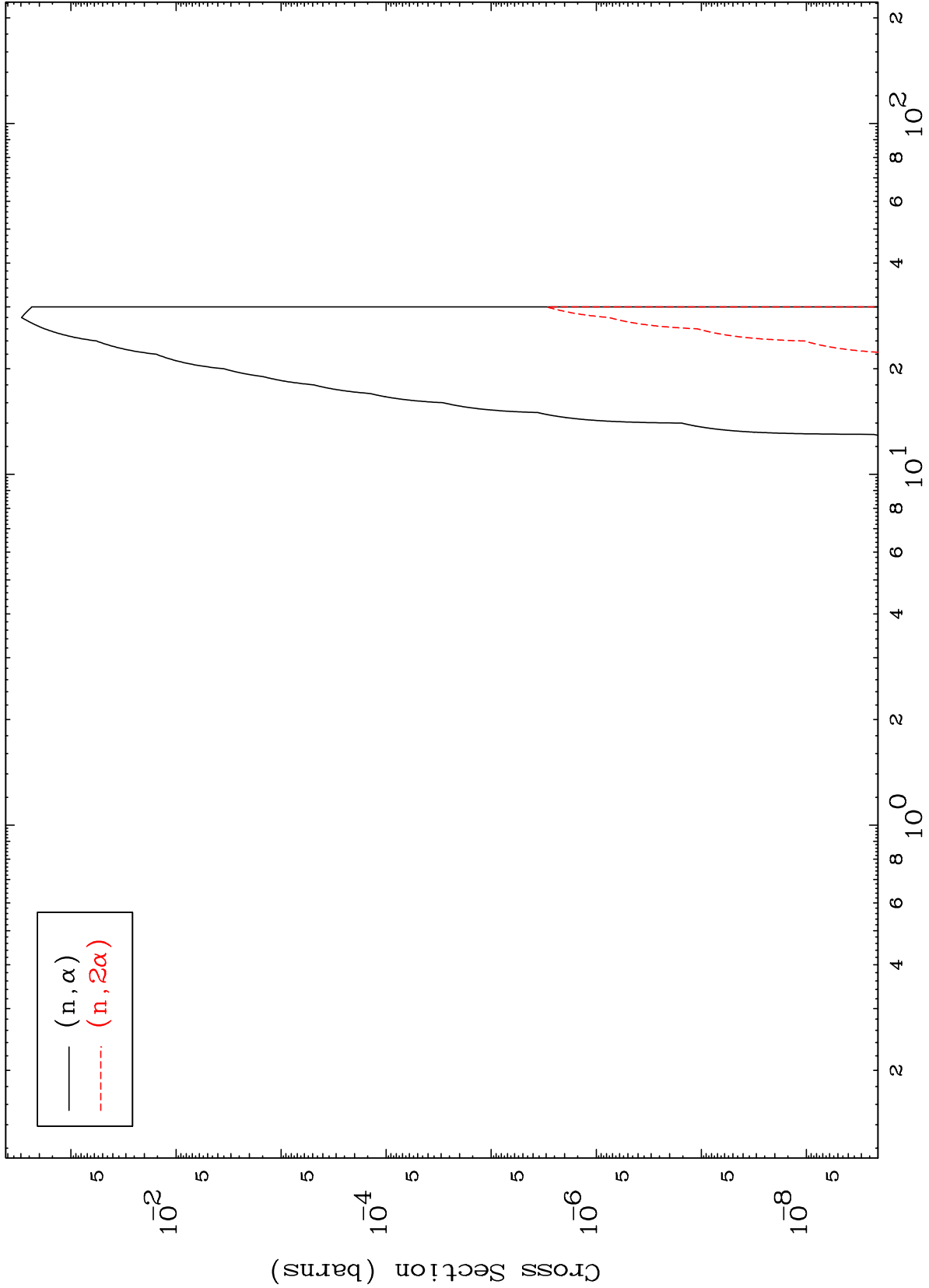


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(α, α) Levels

61-Pm-140m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

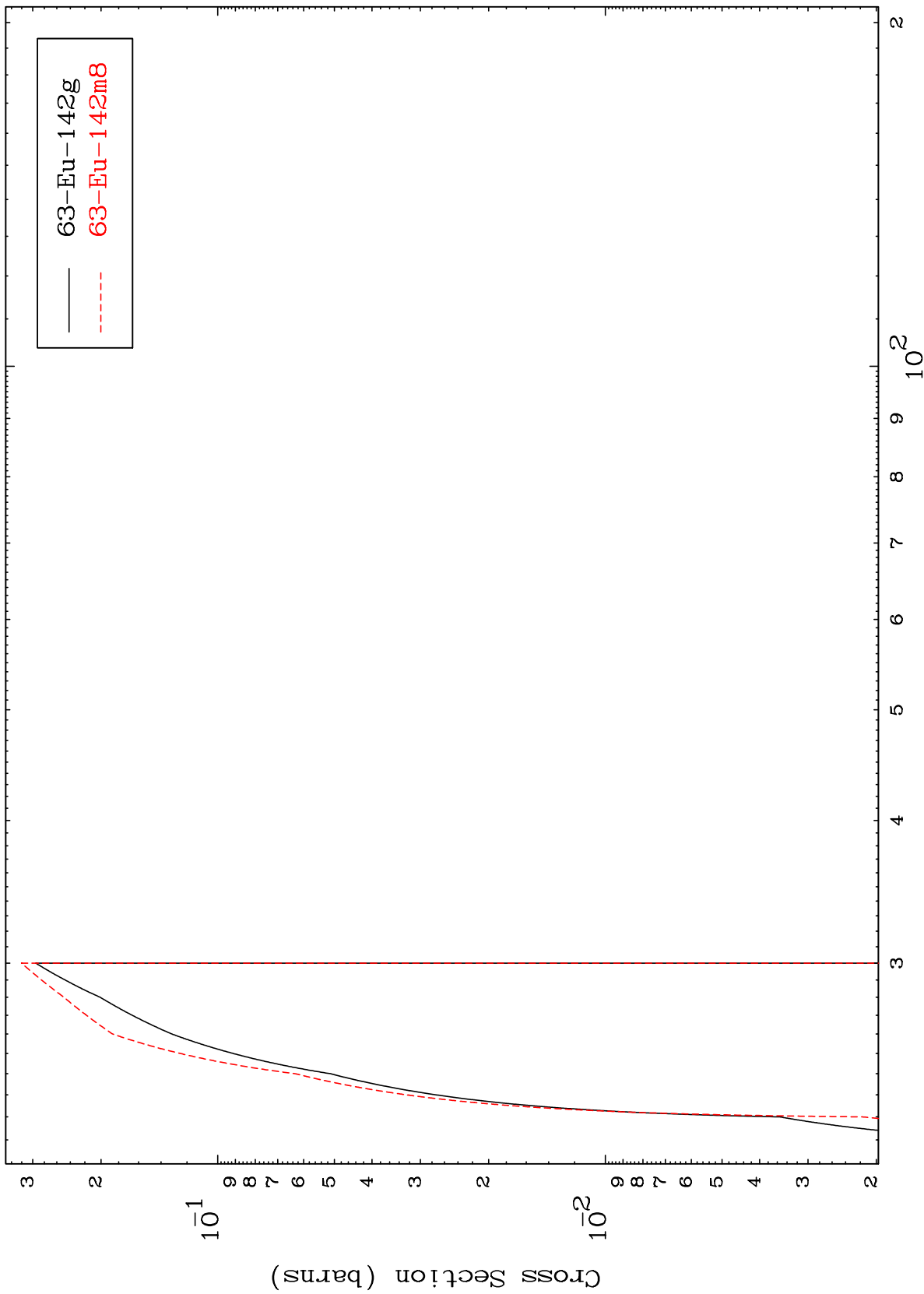
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

(n,2n)
Radionuclide Production Cross Section



61-Pm-140m

Incident Energy (MeV)

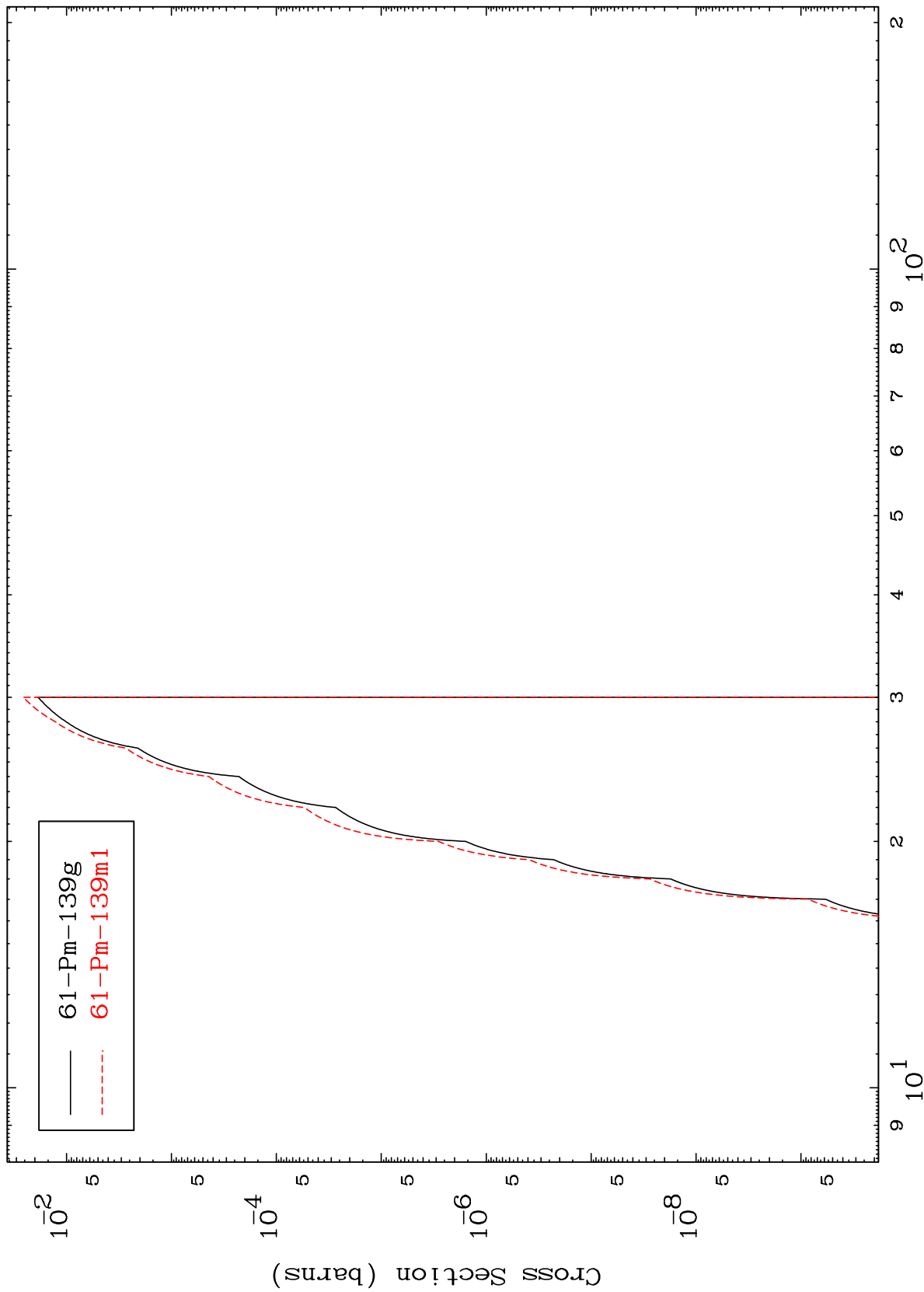
11

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(n,n') α

61-Pm-140m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

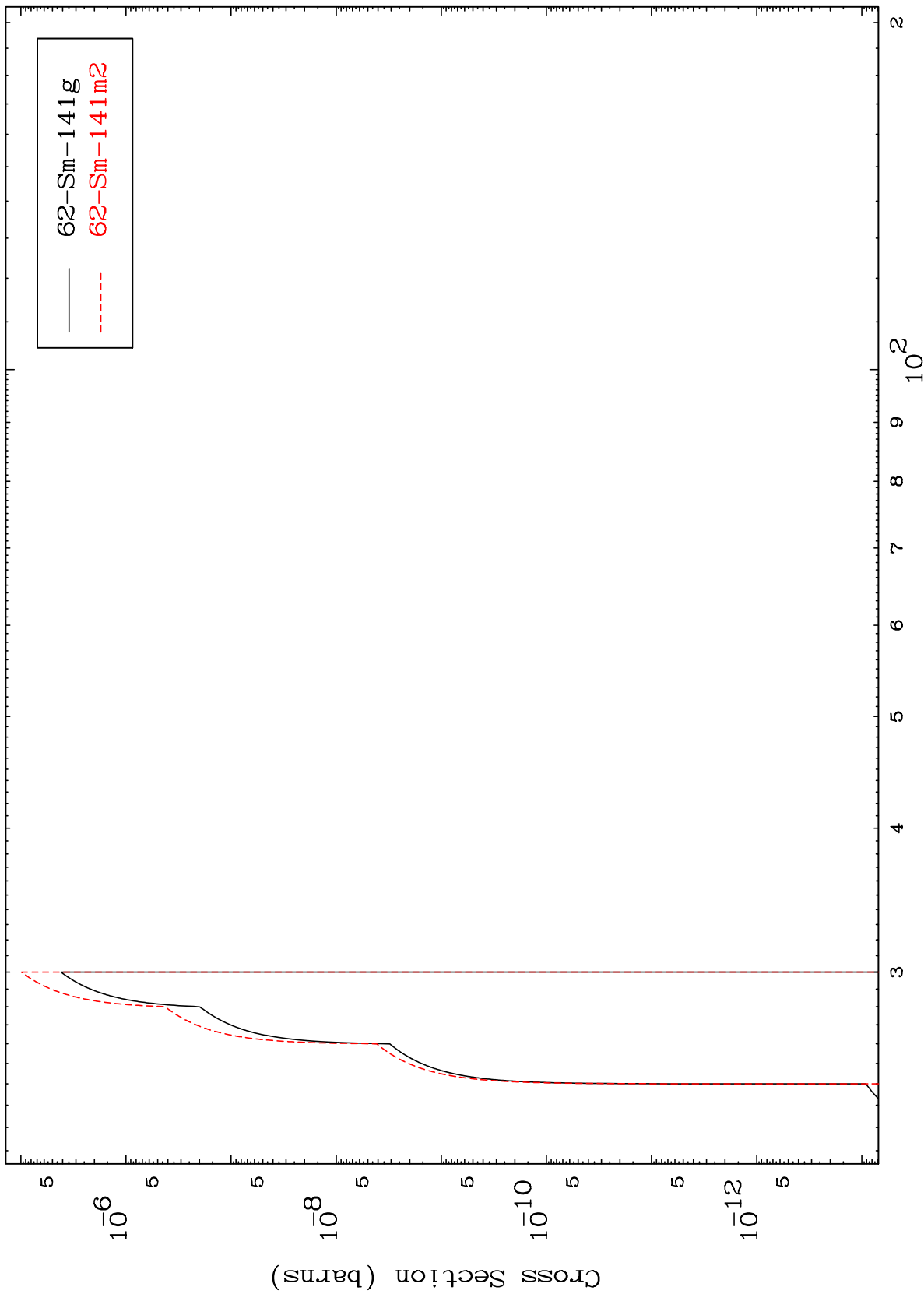
61-Pm-140m

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(n,n') d

61-Pm-140m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

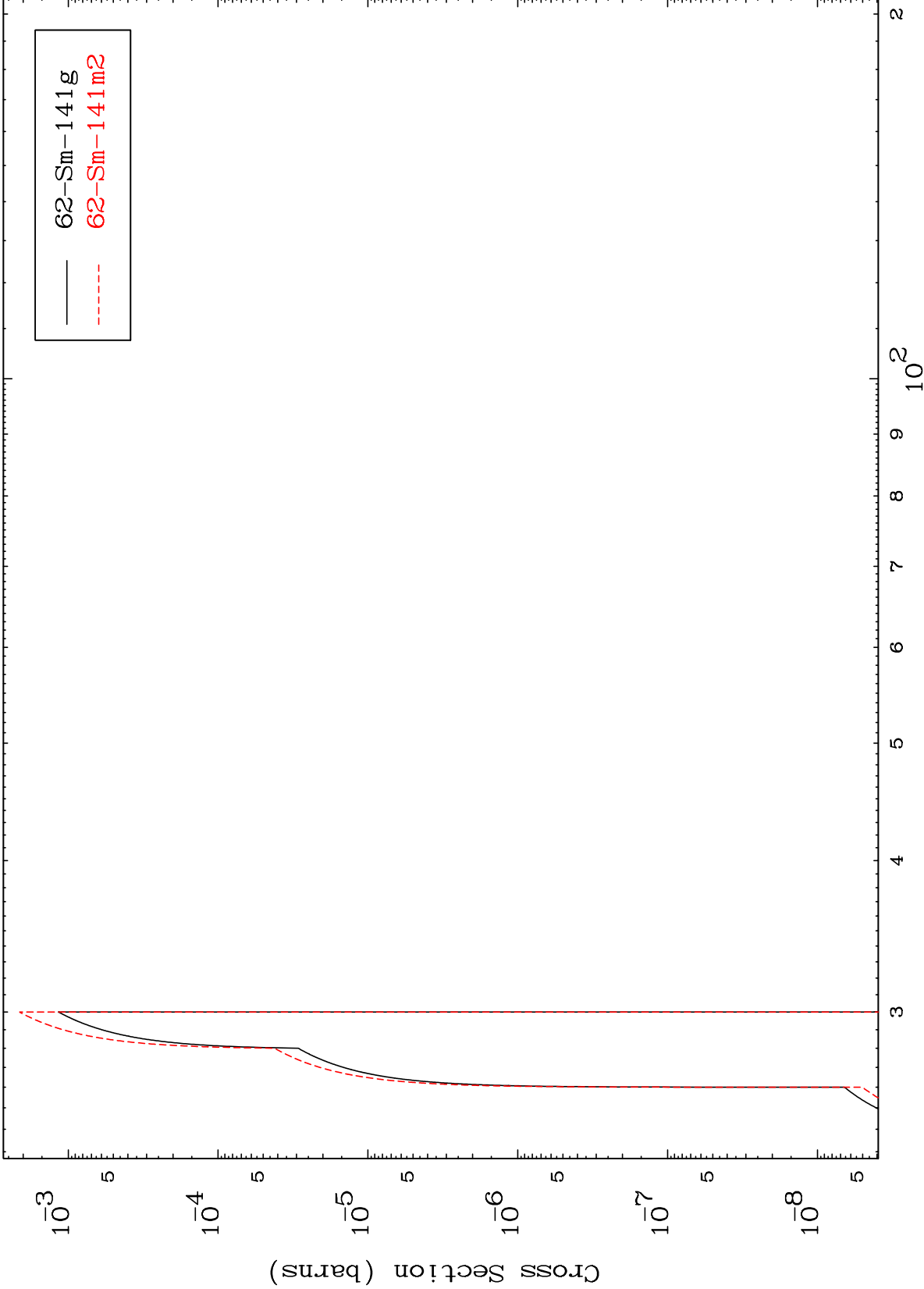
61-Pm-140m

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(n,2n) p

61-Pm-140m

Radionuclide Production Cross Section



14

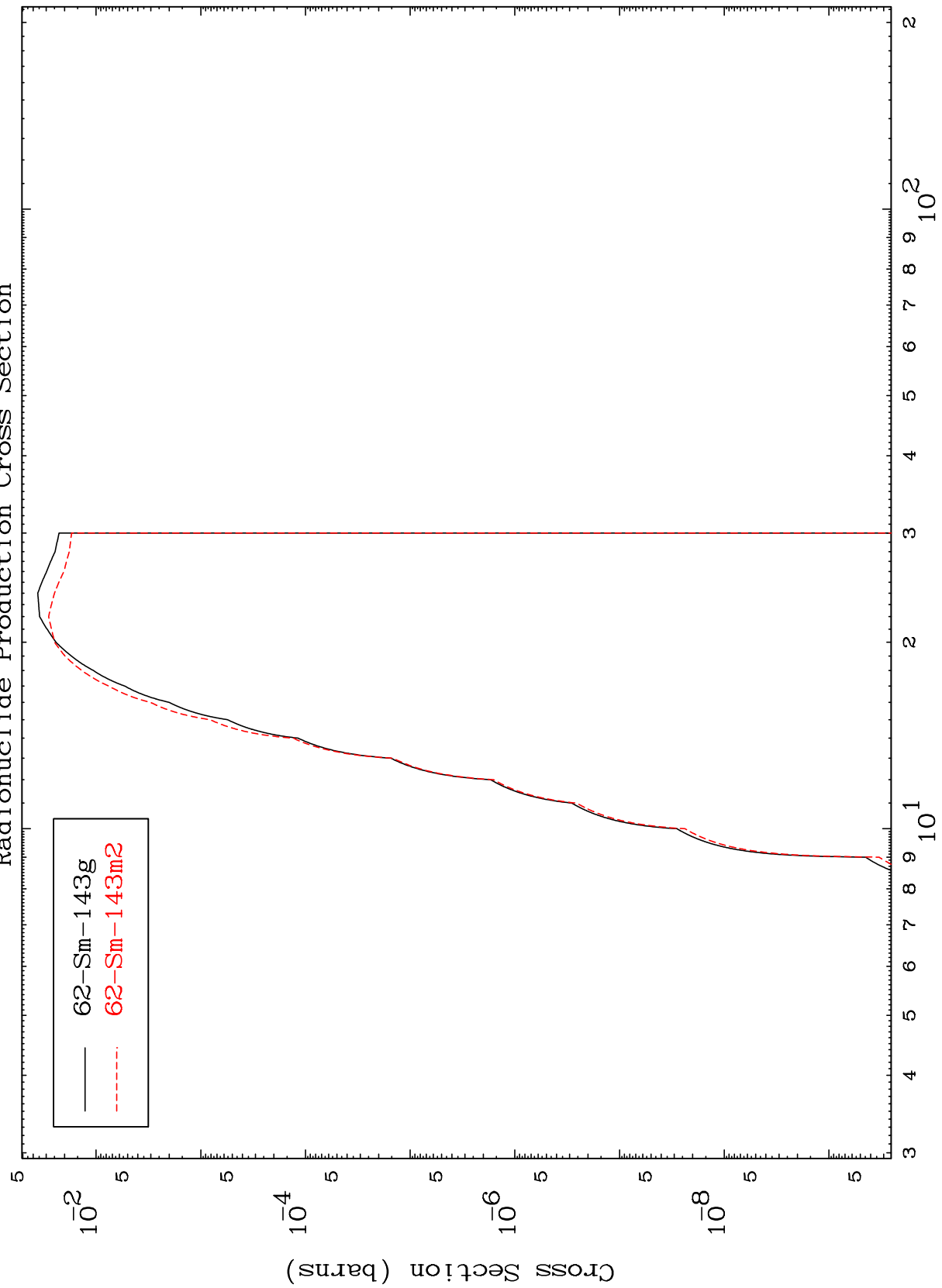
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

(n,p)
Radionuclide Production Cross Section



15

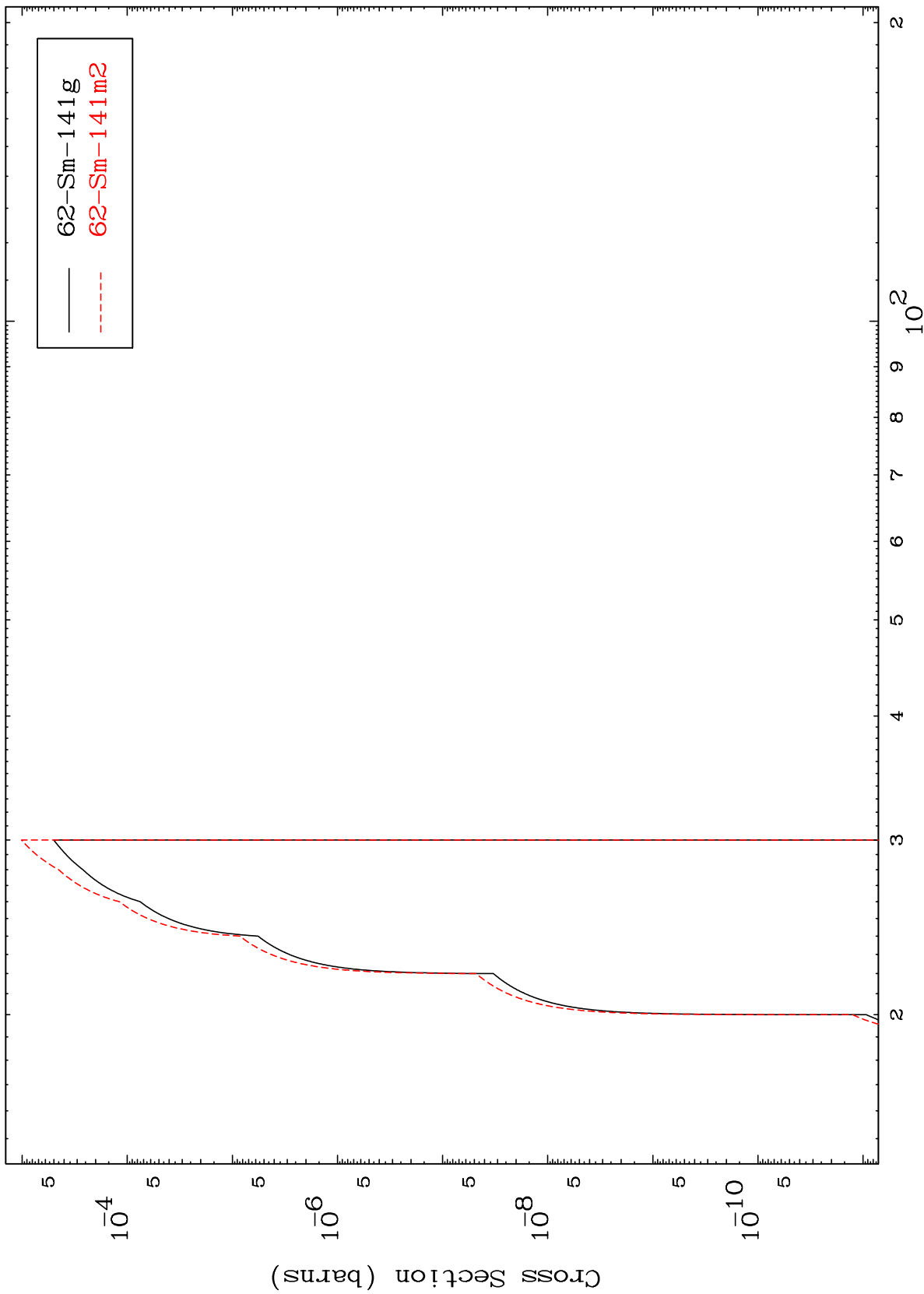
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

(n,t)
Radionuclide Production Cross Section



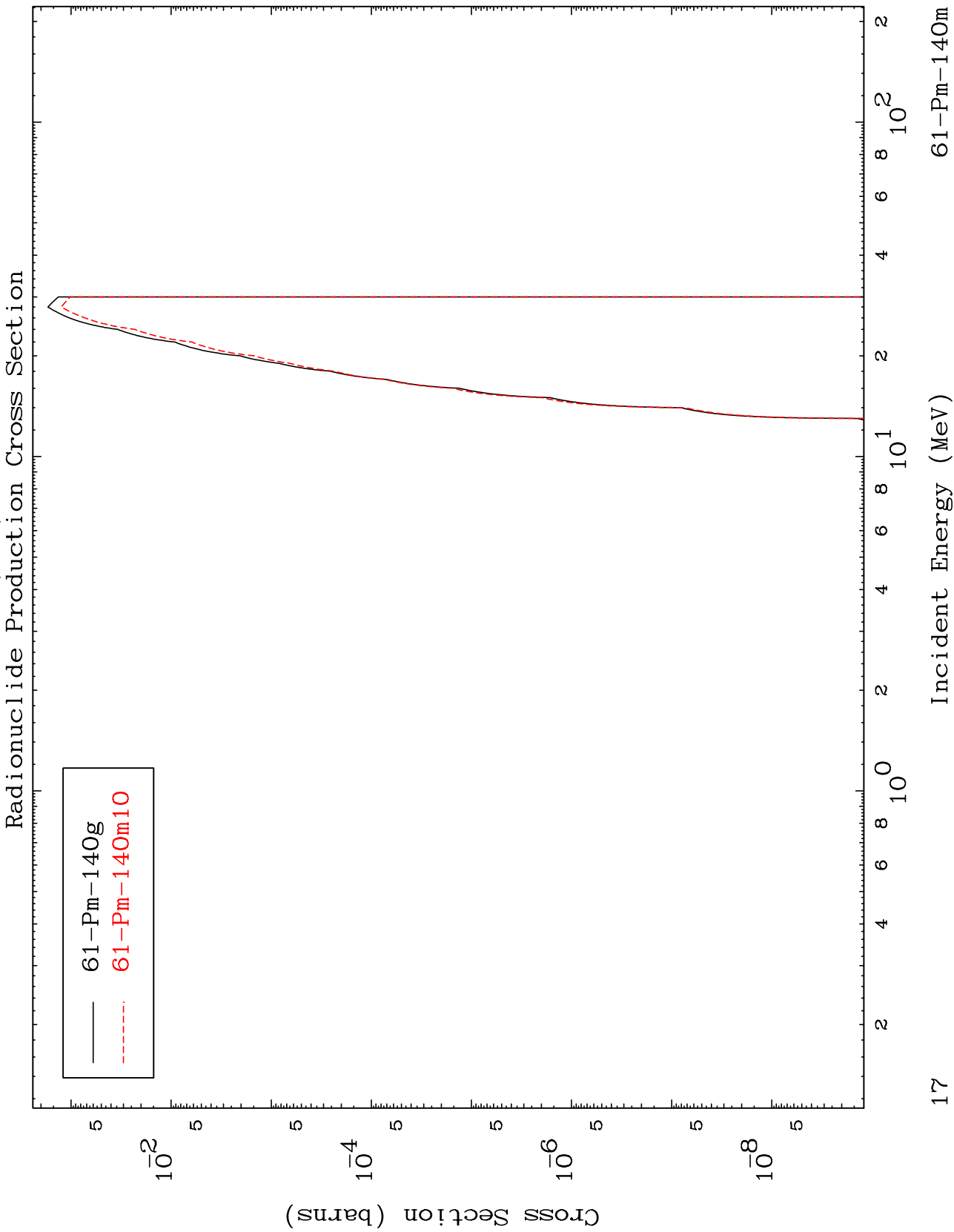
16

61-Pm-140m

Incident Energy (MeV)

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61-Pm-140m

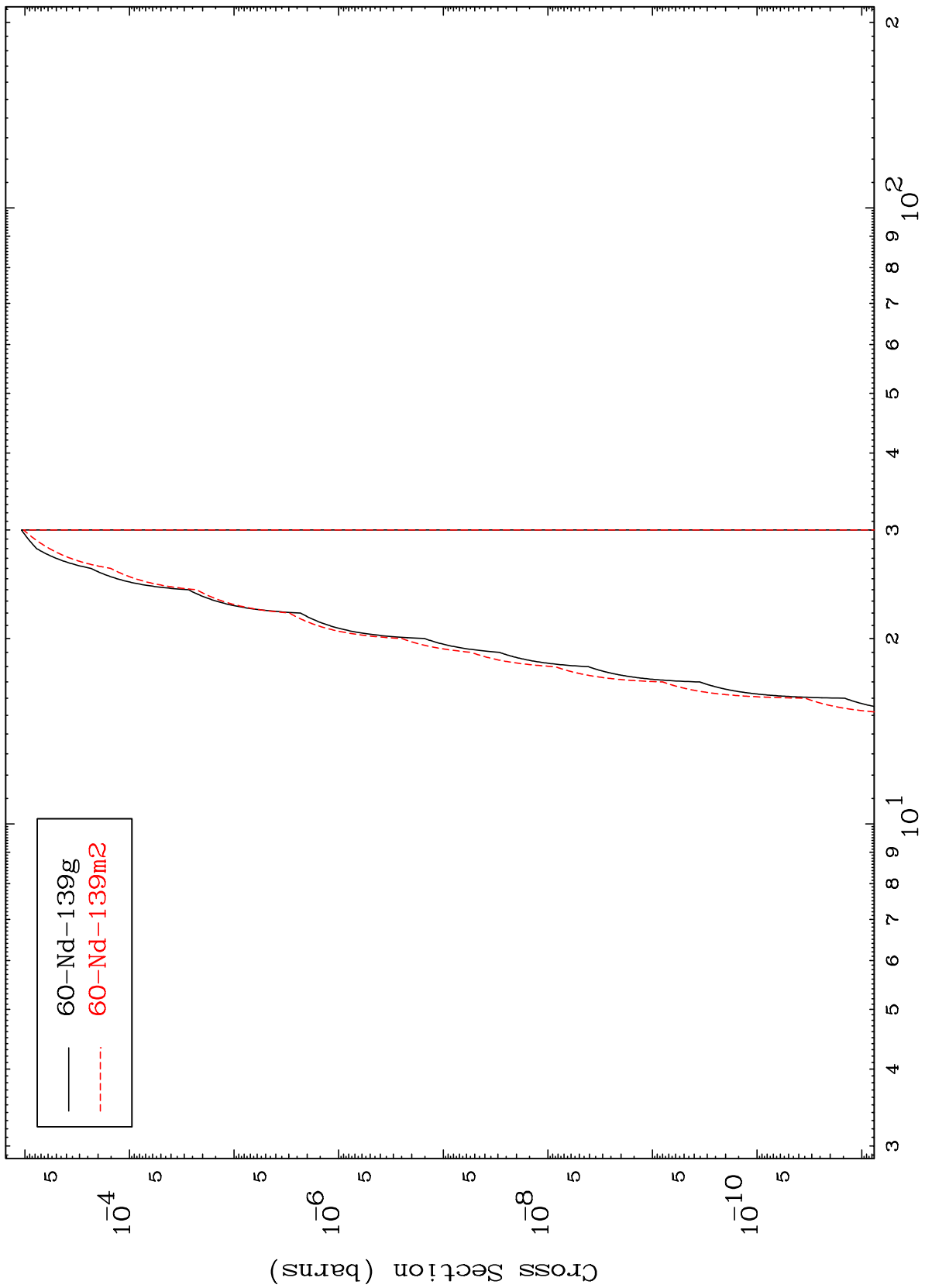


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(n,p) α

61-Pm-140m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

61-Pm-140m