

Program EVALPLOT
(Version 2018-1)

by

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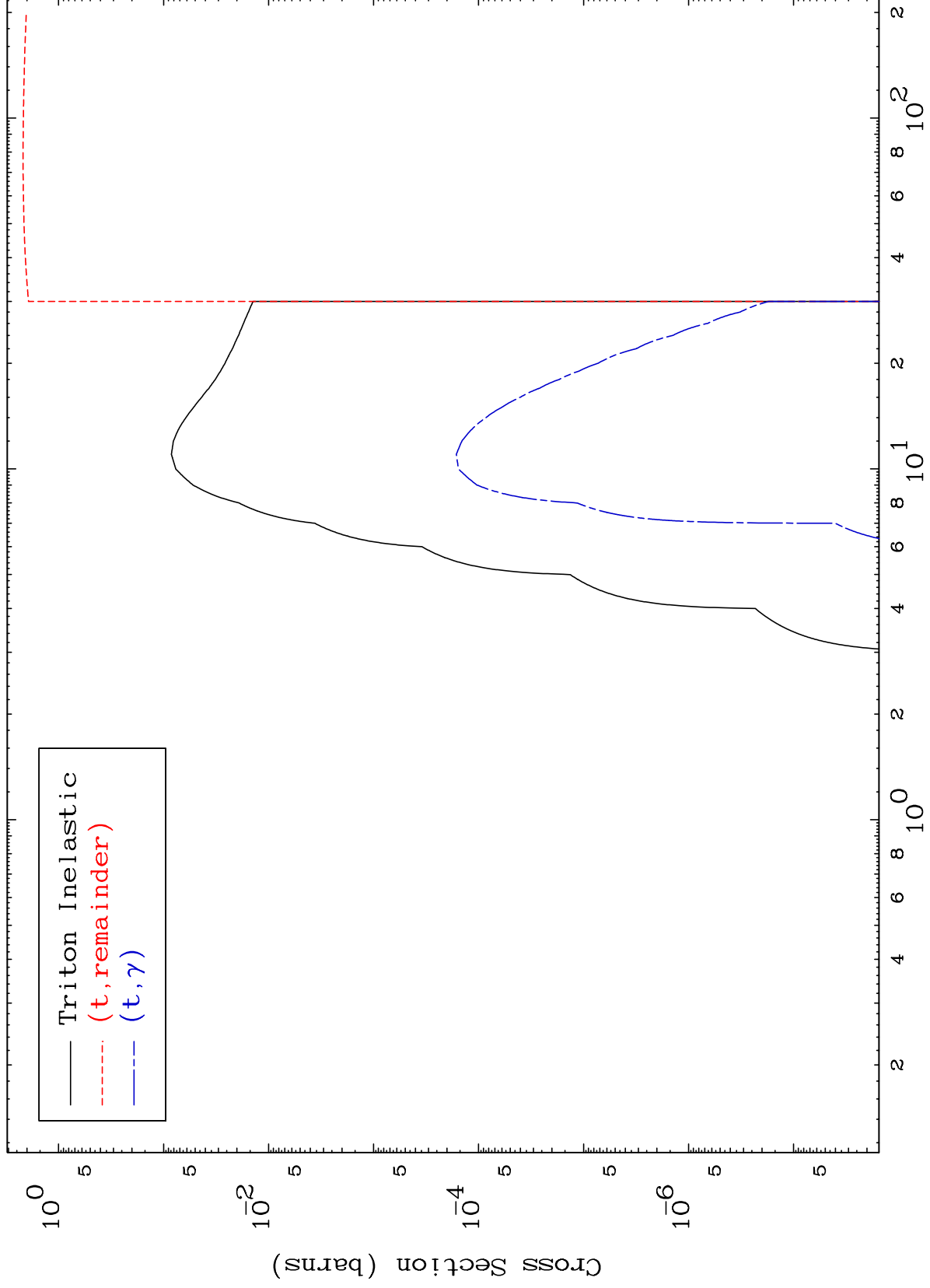
Press Mouse Button to Start

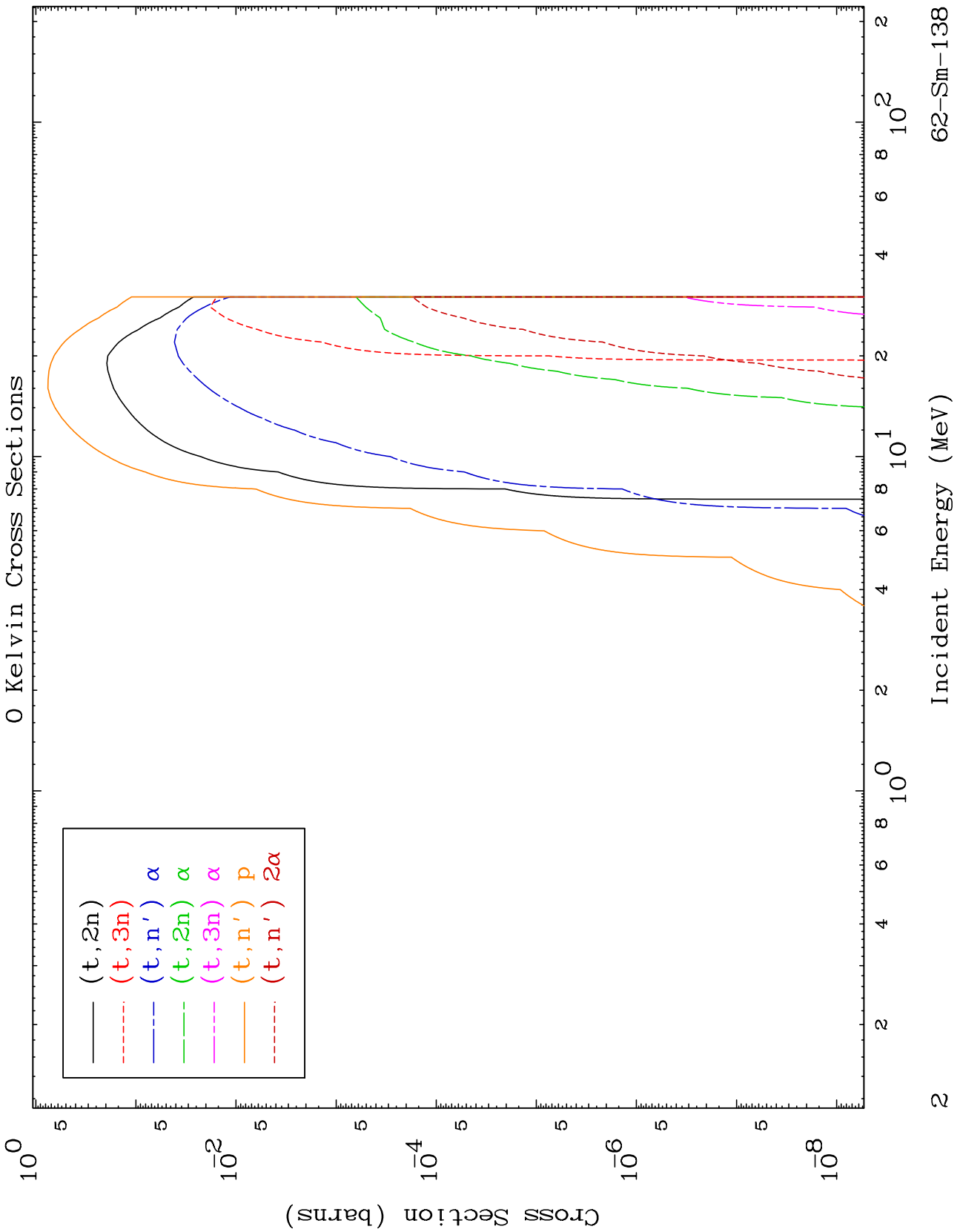
MAT 6207

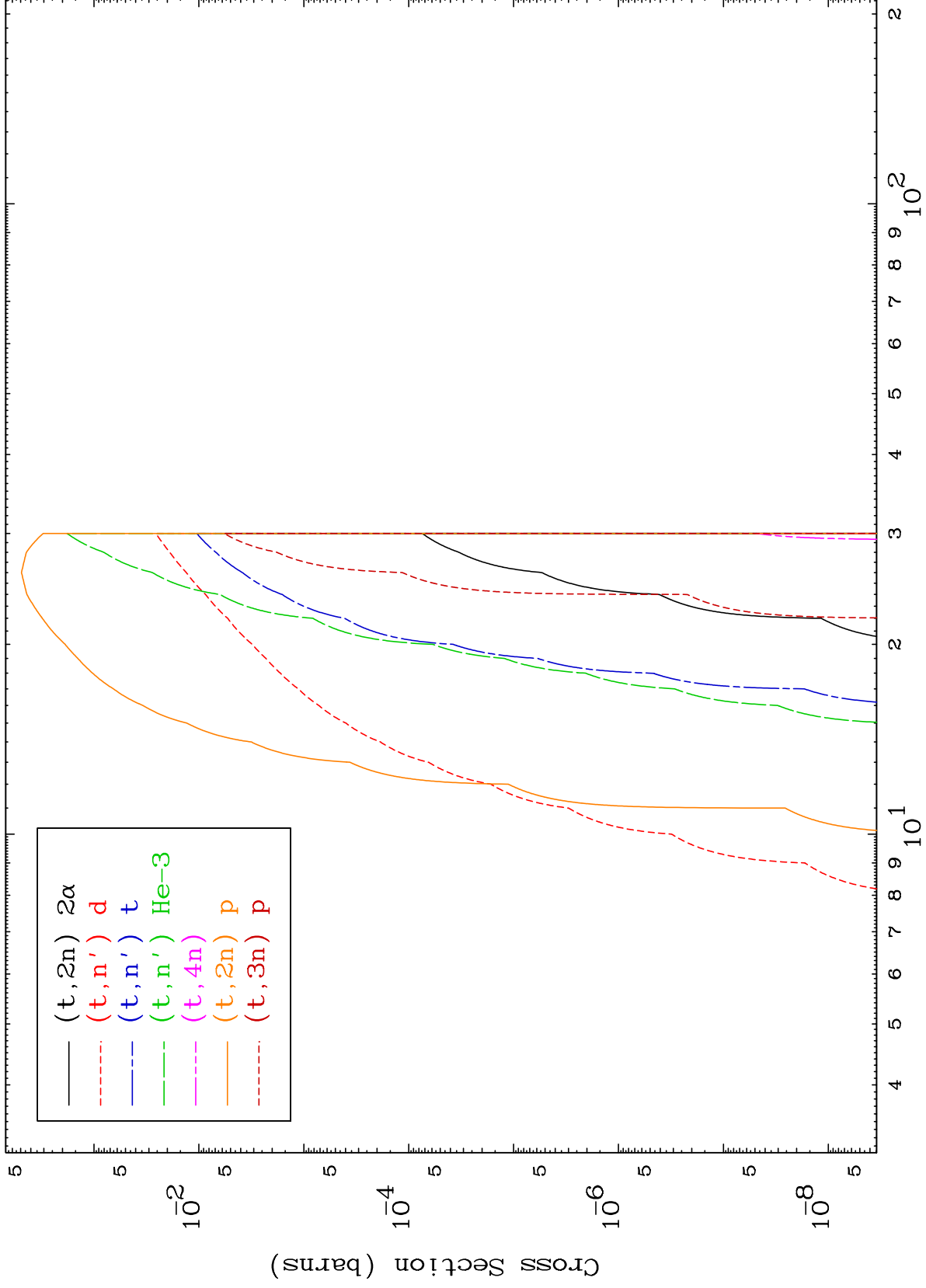
Triton Major

62-Sm-138

0 Kelvin Cross Sections



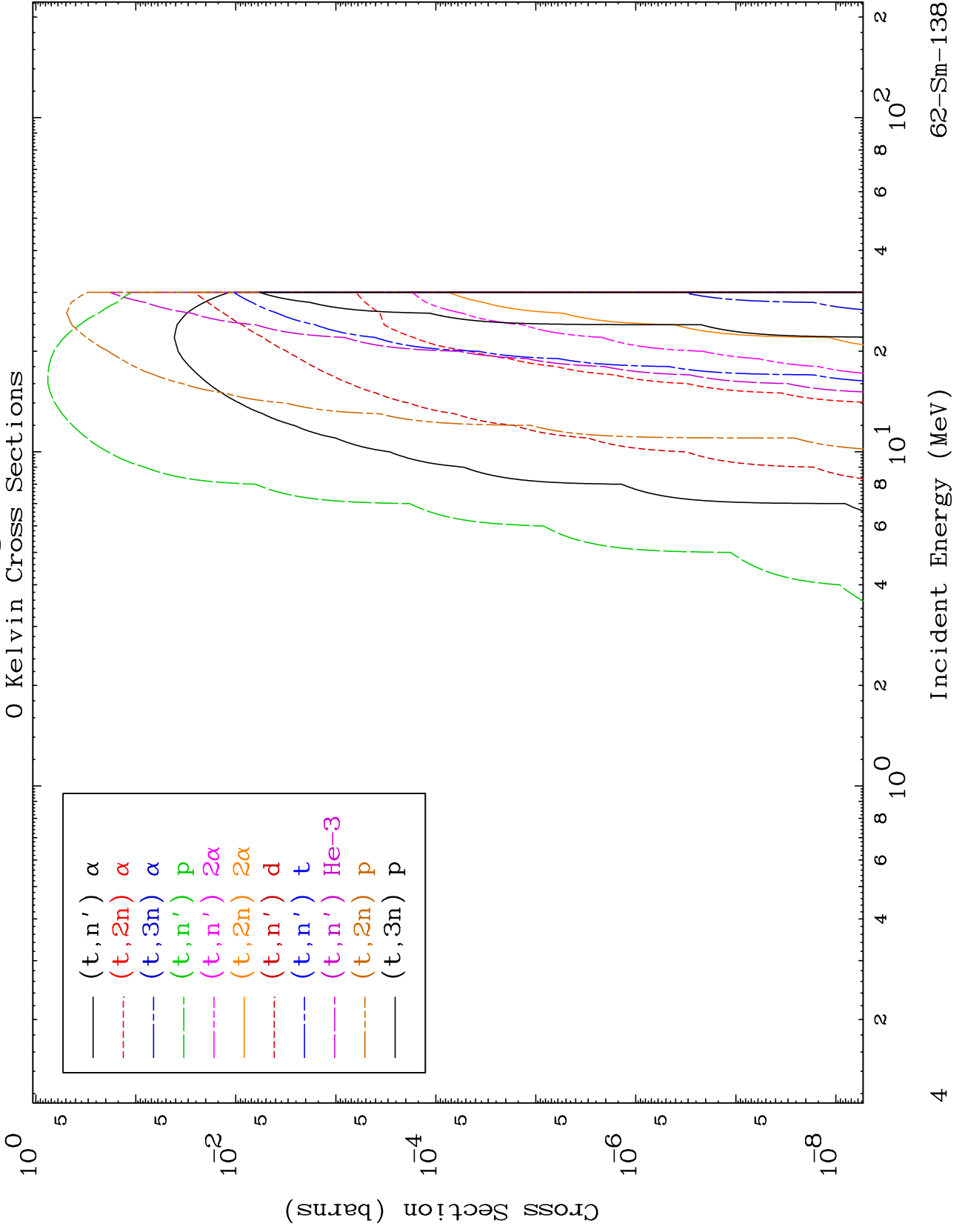


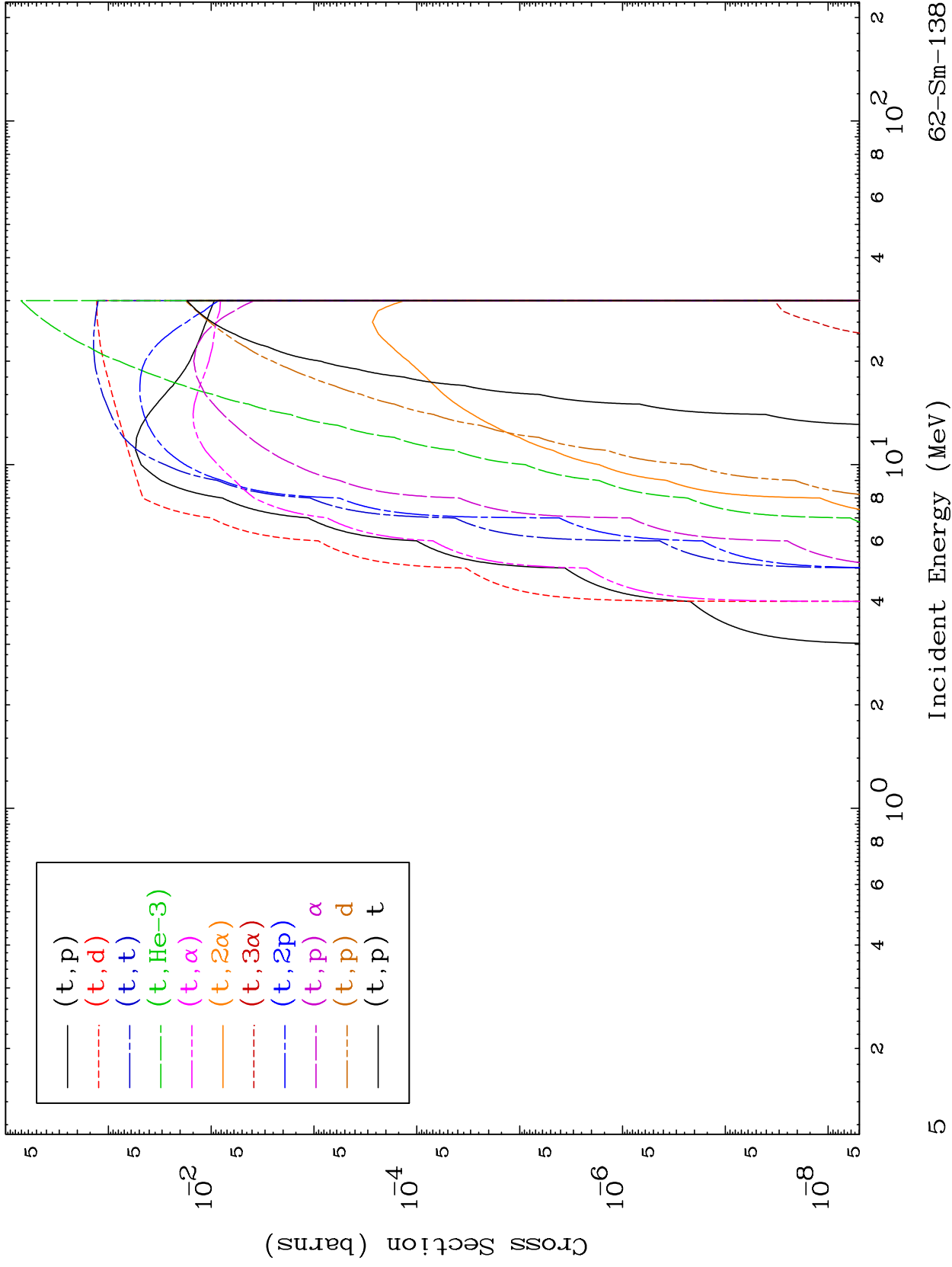


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Triton Charged Particle
0 Kelvin Cross Sections

62-Sm-138



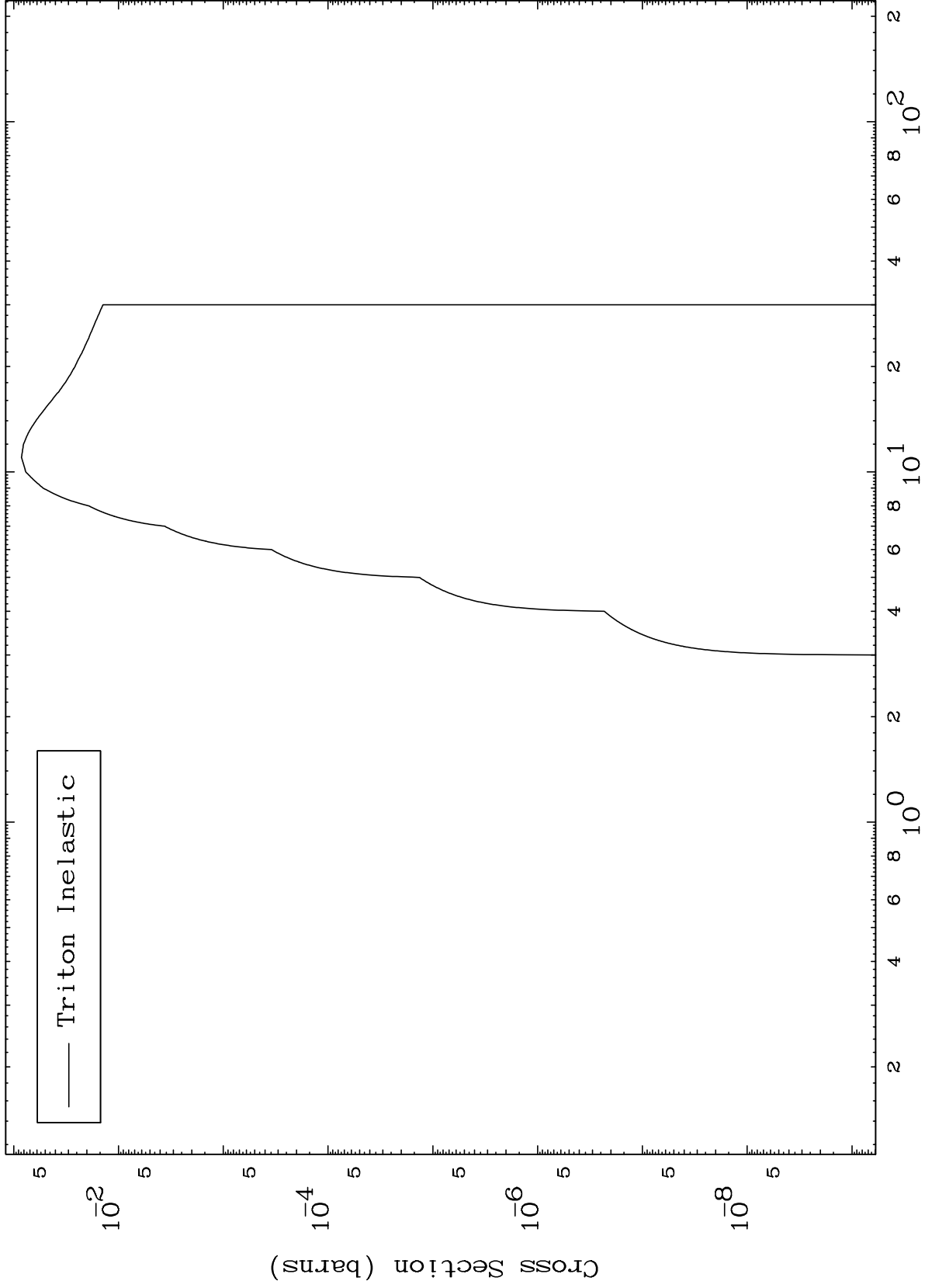


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(t, n') Level

62-Sm-138

0 Kelvin Cross Sections



6

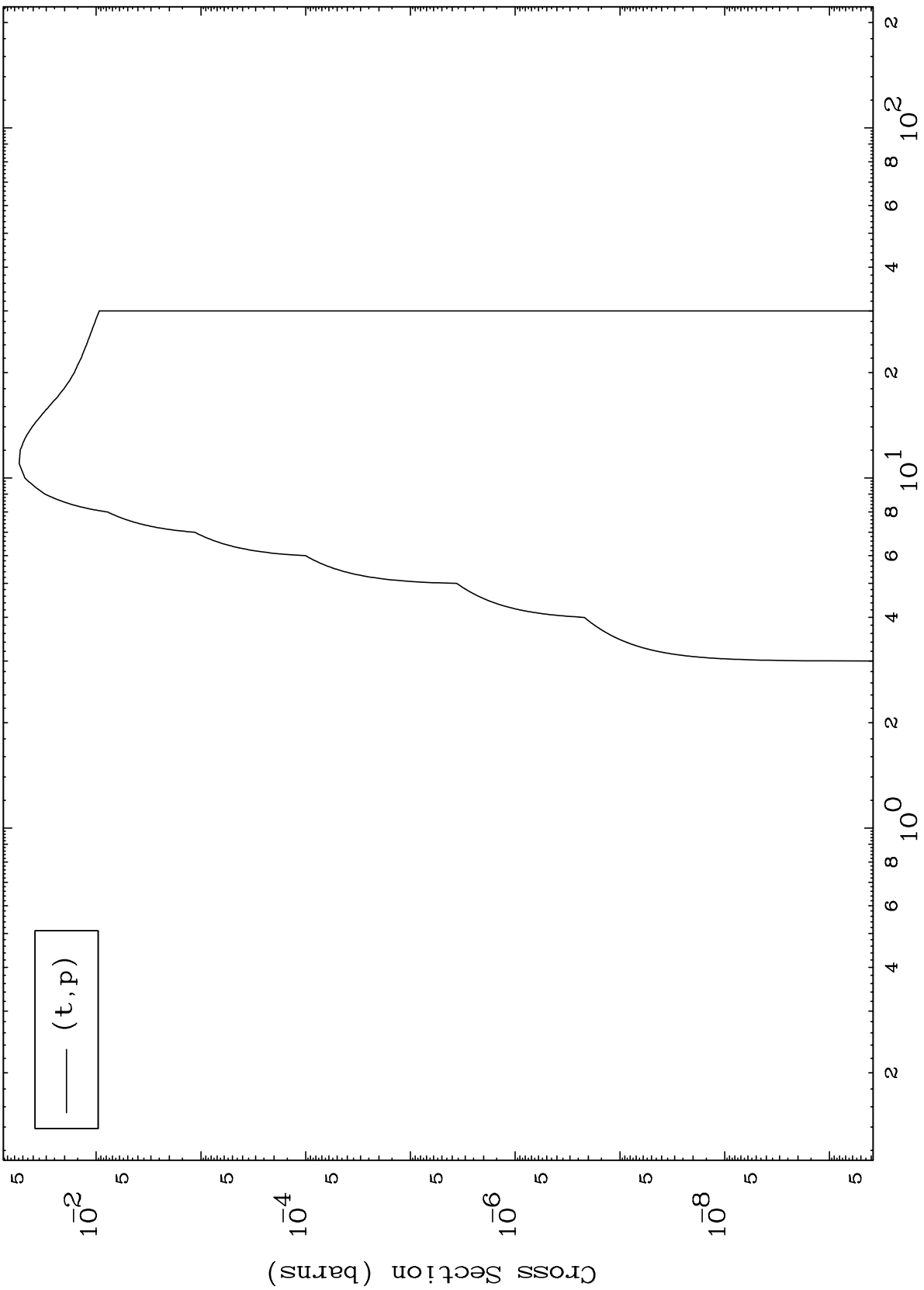
Incident Energy (MeV)

62-Sm-138

MAT 6207

62-Sm-138

(t,p) Levels
0 Kelvin Cross Sections



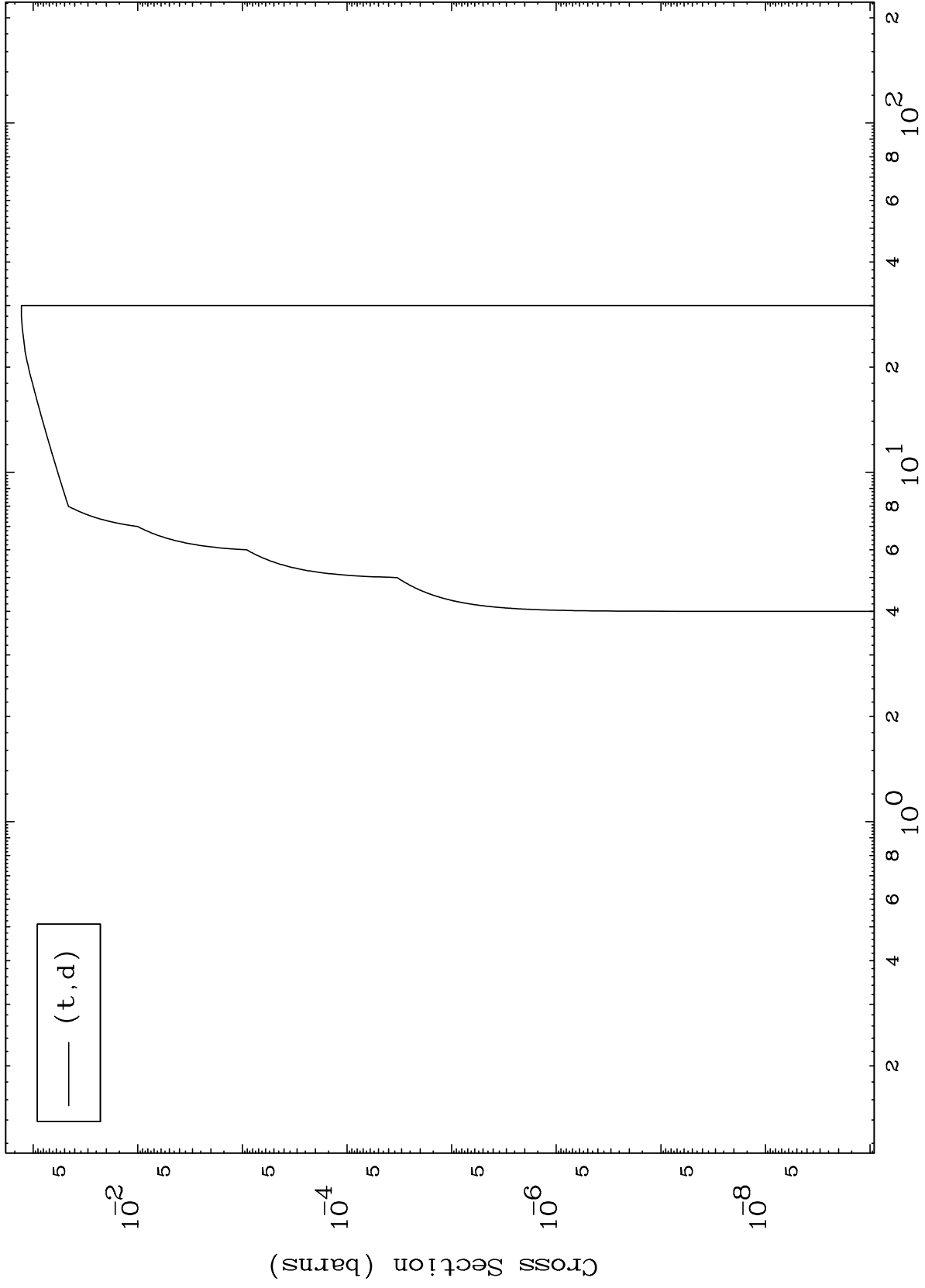
62-Sm-138

Incident Energy (MeV)

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(t,d) Levels
0 Kelvin Cross Sections

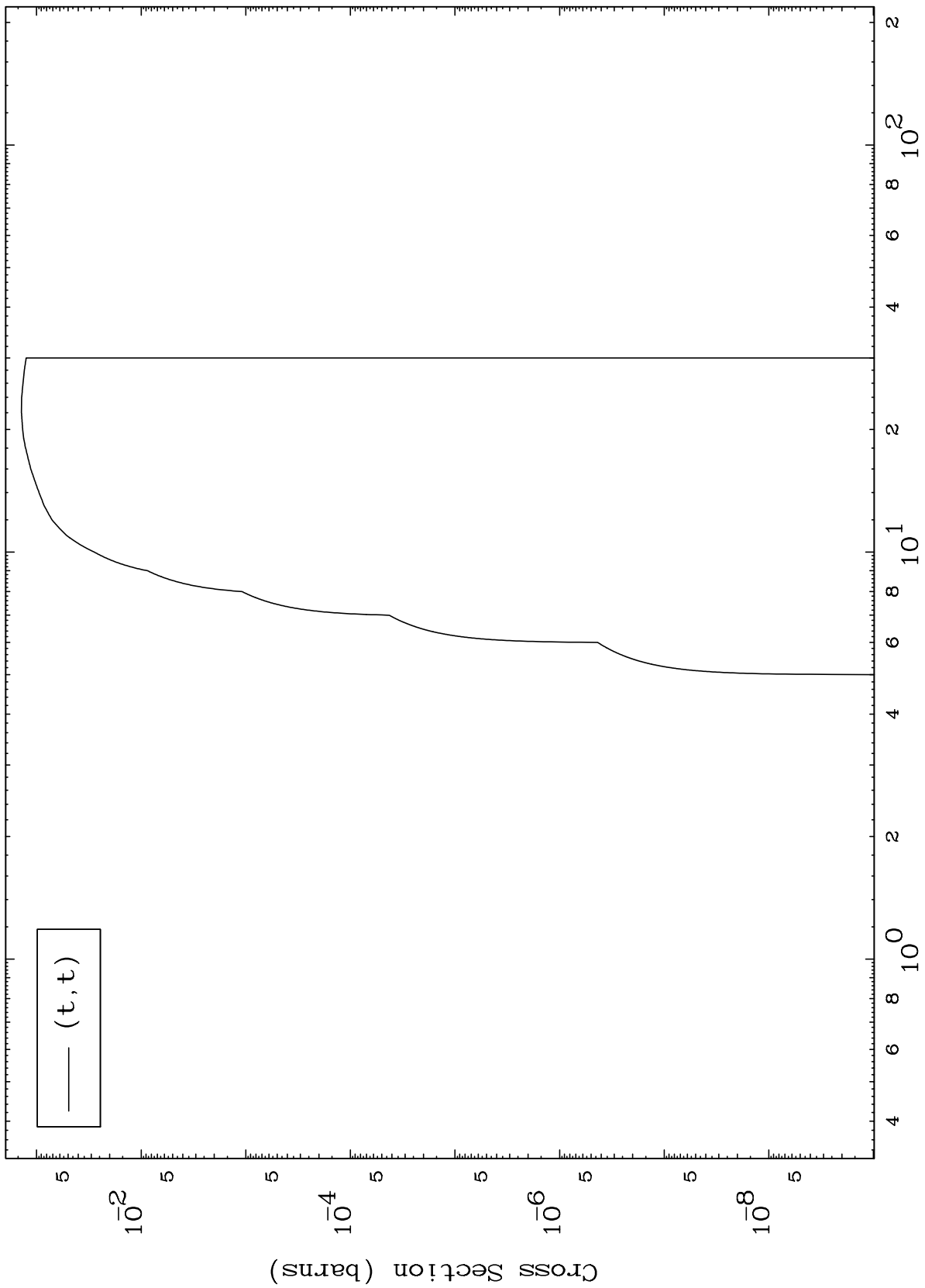
62-Sm-138



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62-Sm-138

(t, t) Levels
0 Kelvin Cross Sections

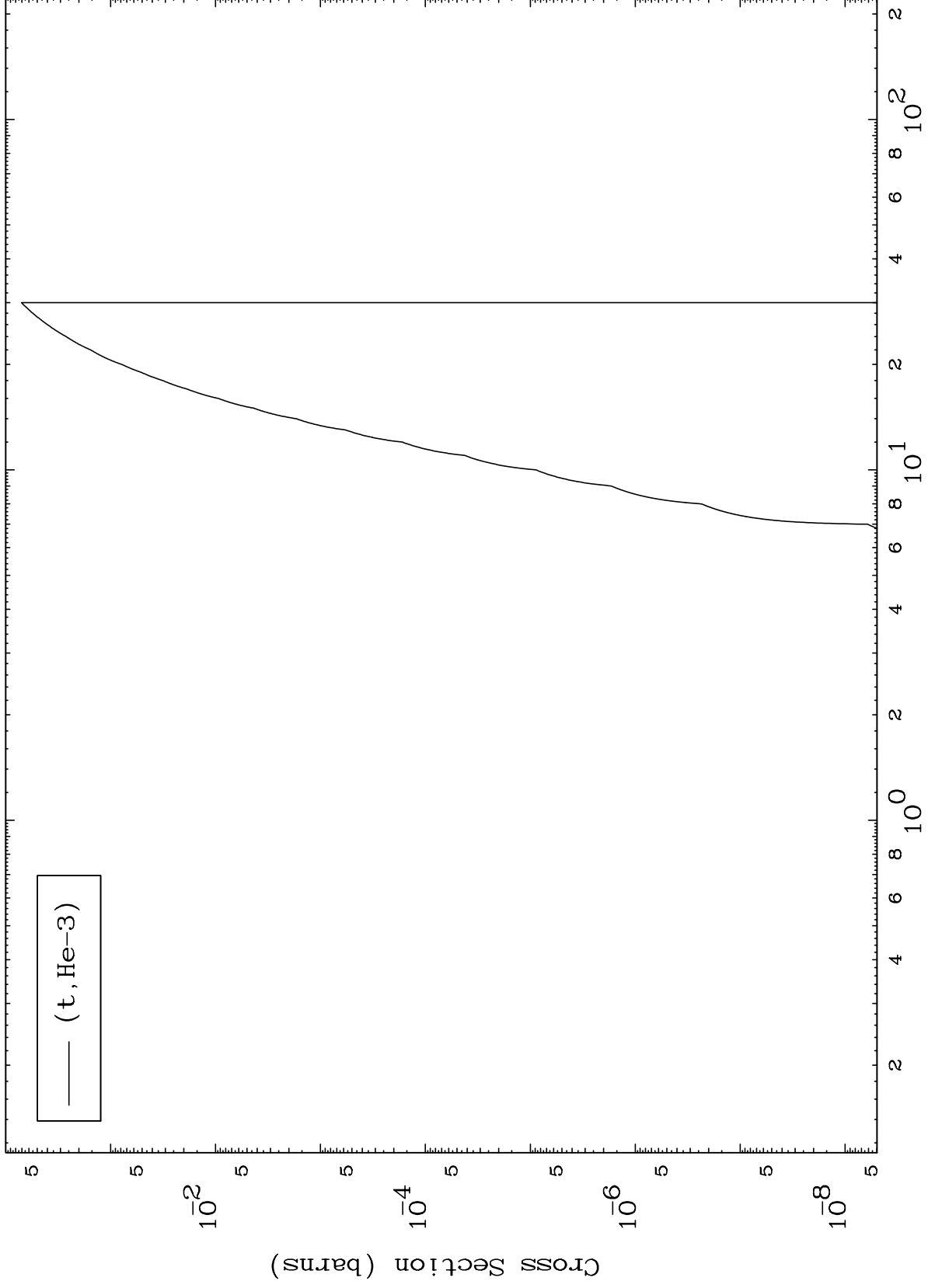


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(t,He3) Levels

62-Sm-138

0 Kelvin Cross Sections



10

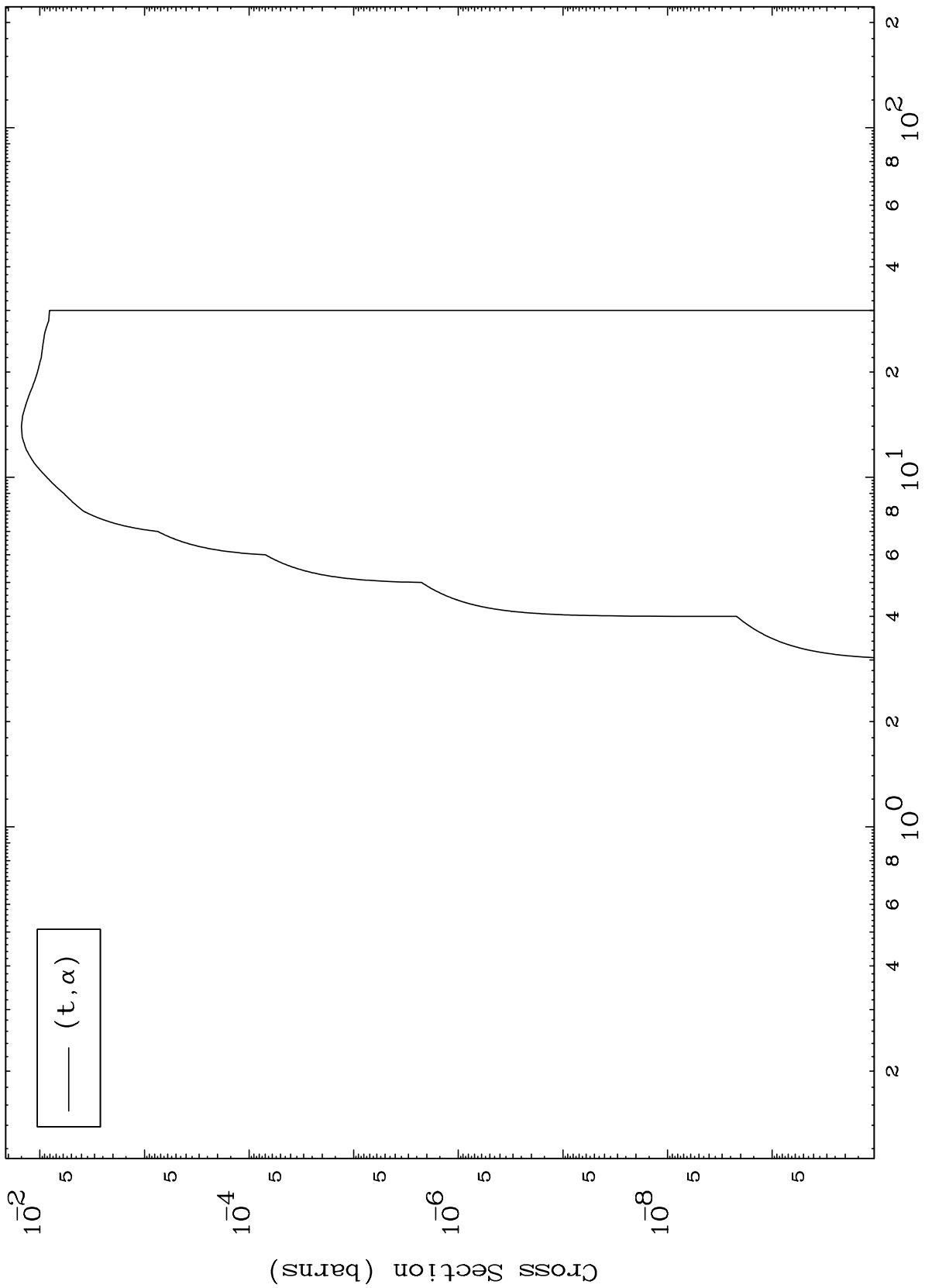
Incident Energy (MeV)

62-Sm-138

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62-Sm-138

(t, α) Levels
0 Kelvin Cross Sections



62-Sm-138

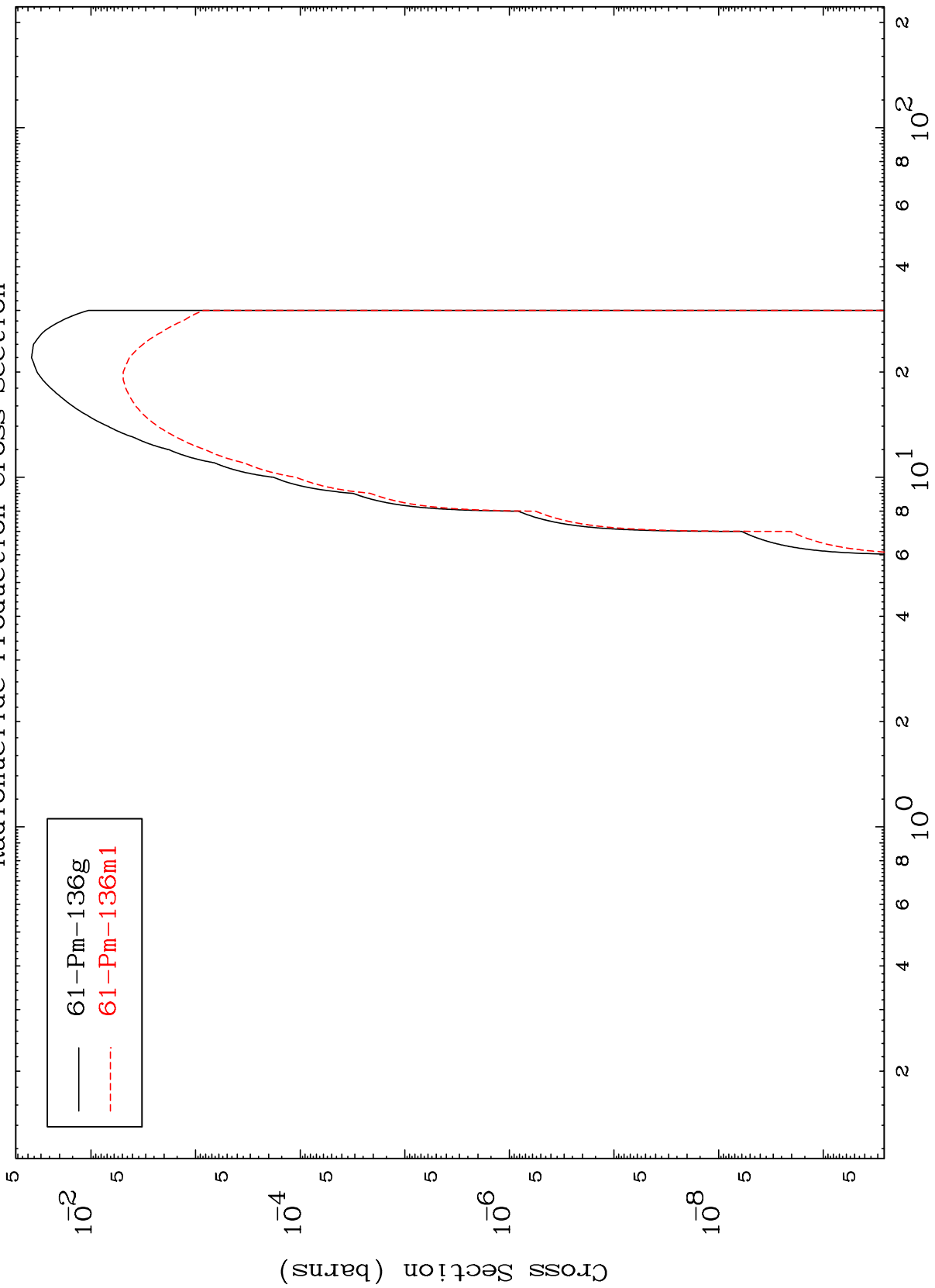
Incident Energy (MeV)

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$(t, n') \alpha$

62-Sm-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

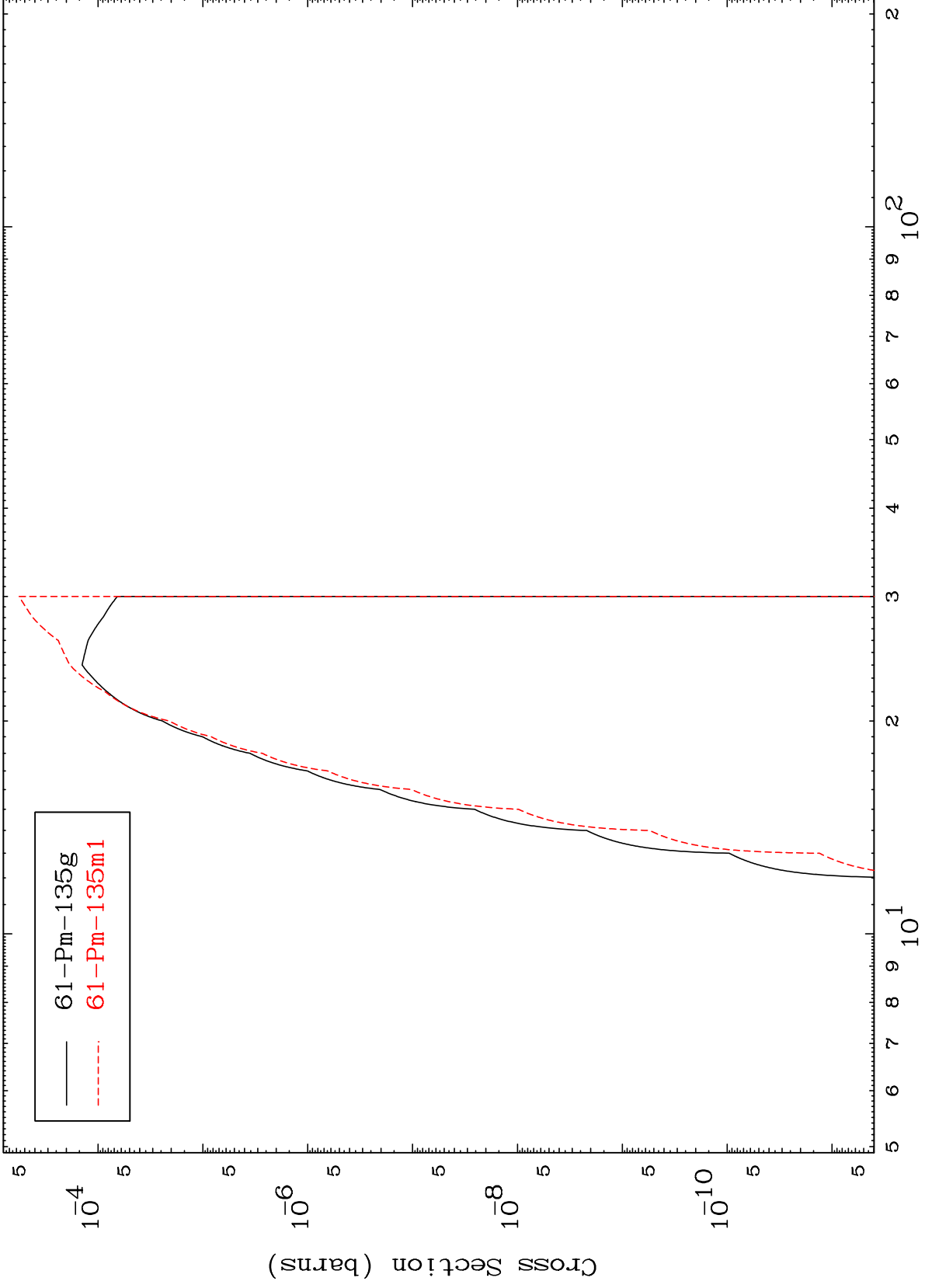
62-Sm-138

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(t,2n) α

62-Sm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

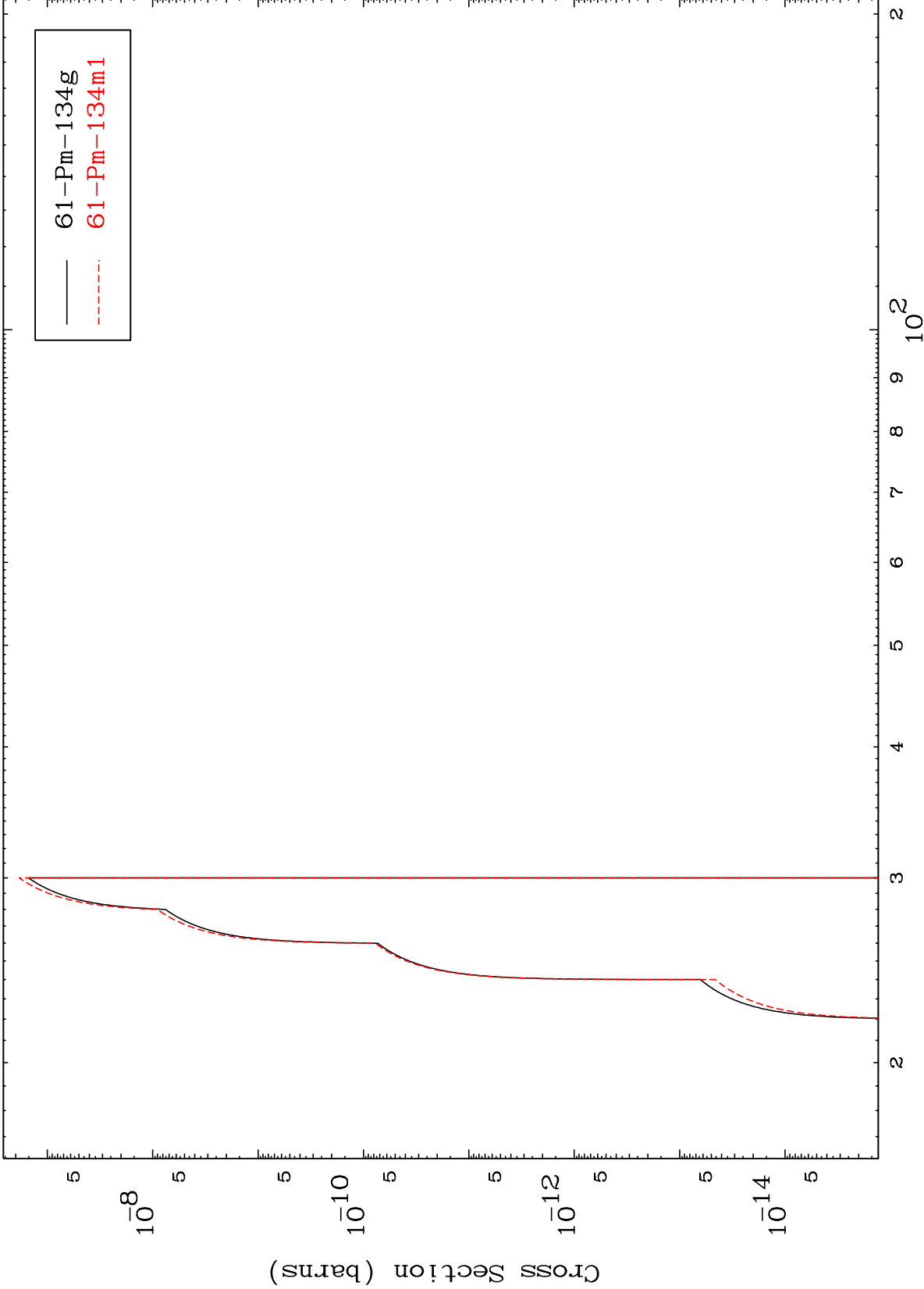
62-Sm-138

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(t,3n) α

62-Sm-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

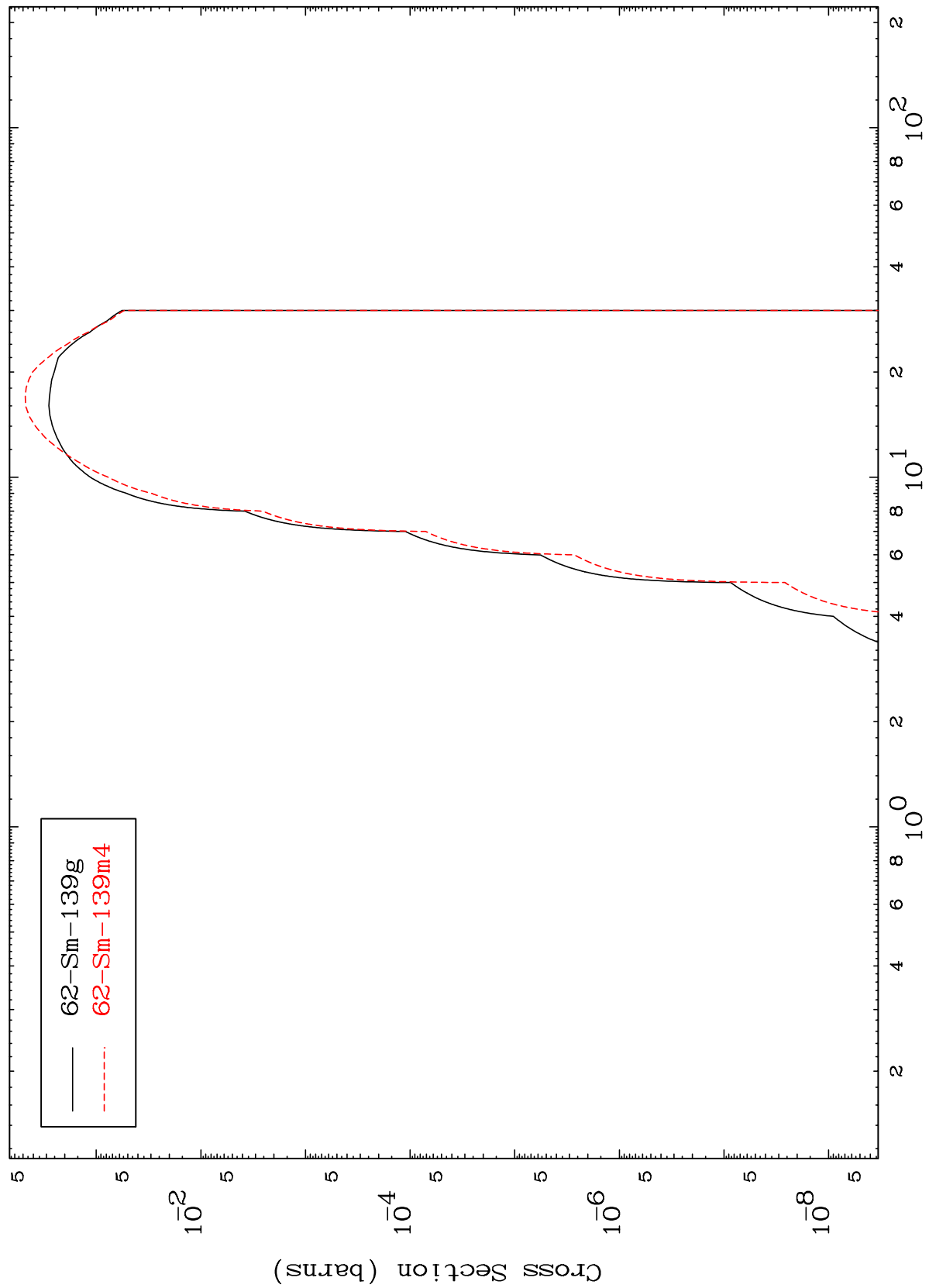
62-Sm-138

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(t,n') p

62-Sm-138

Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

15

Incident Energy (MeV)

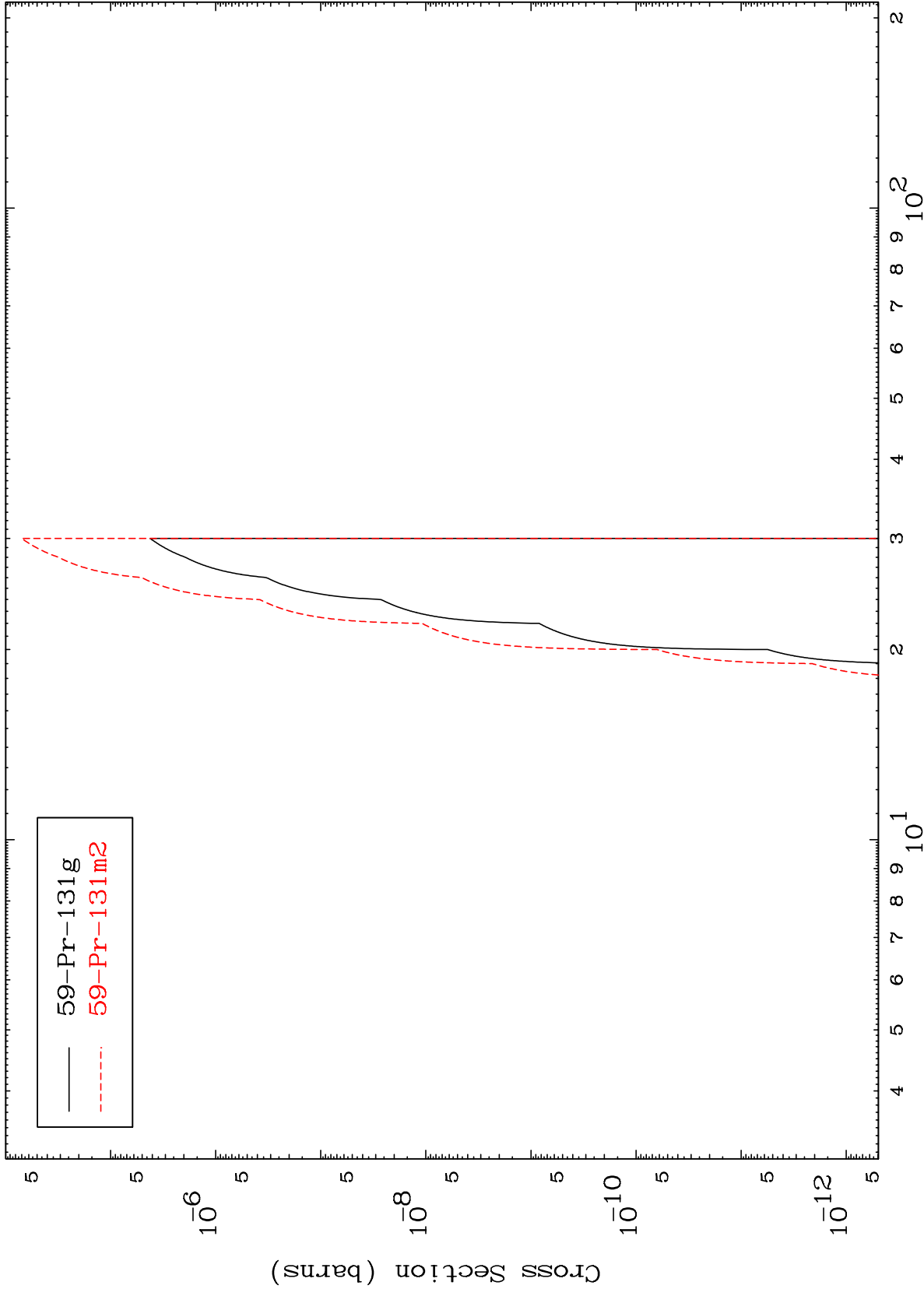
62-Sm-138

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(t,2n) 2α

62-Sm-138

Radionuclide Production Cross Section



16

Incident Energy (MeV)

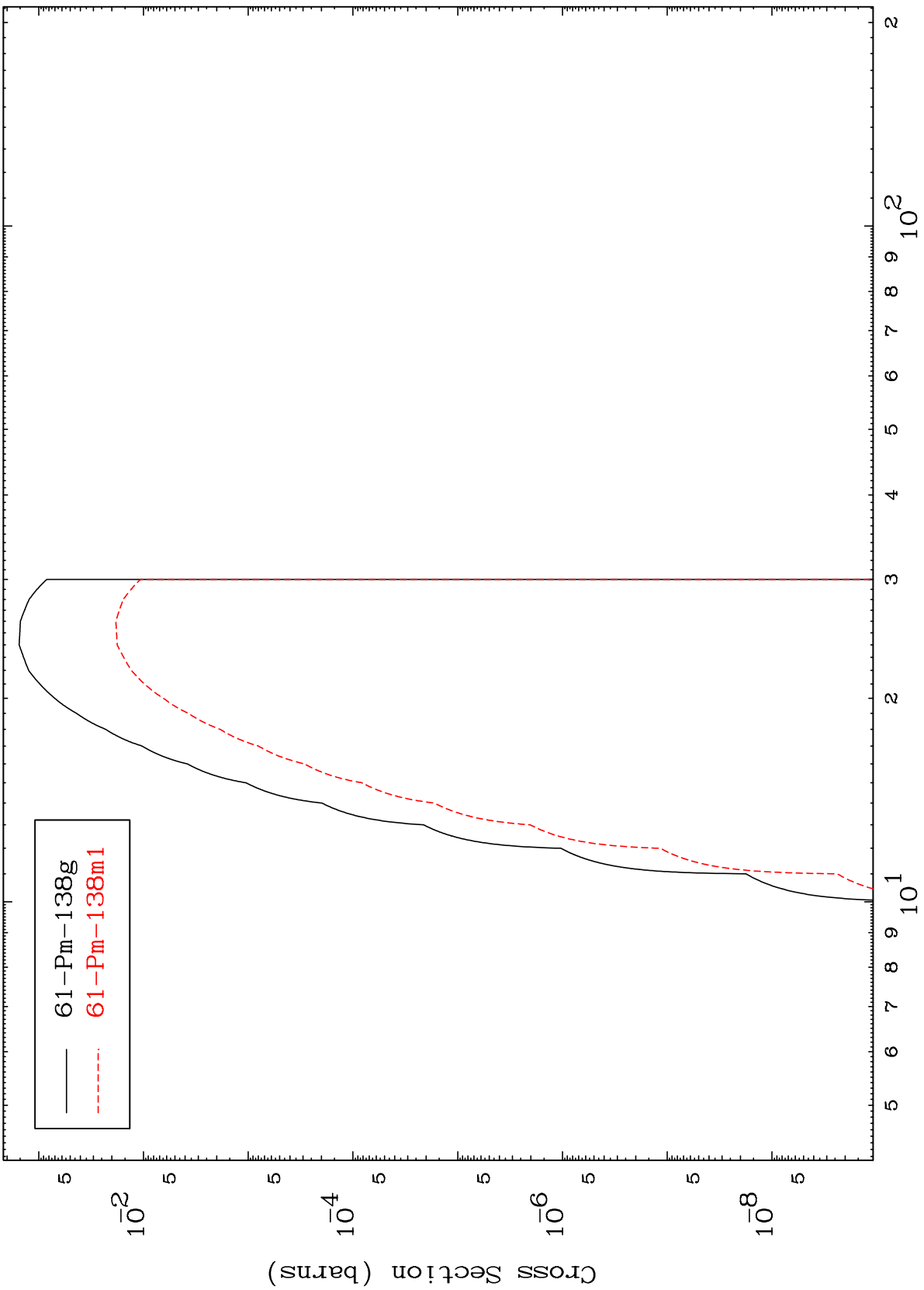
62-Sm-138

MAT 6207

(t,2n) p

62-Sm-138

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

17

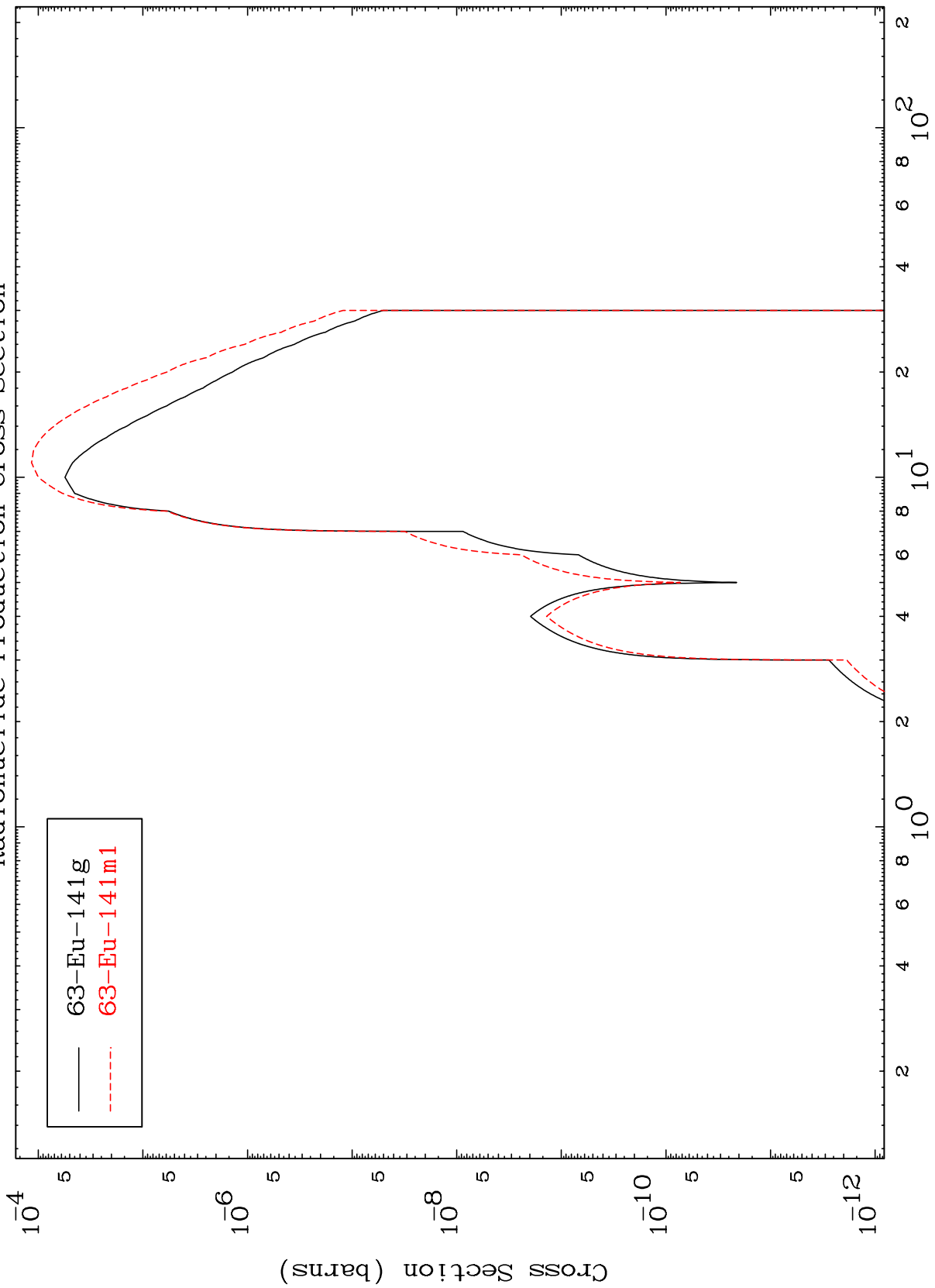
Incident Energy (MeV)

62-Sm-138

MAT 6207

62-Sm-138

(t, γ)
Radionuclide Production Cross Section



62-Sm-138

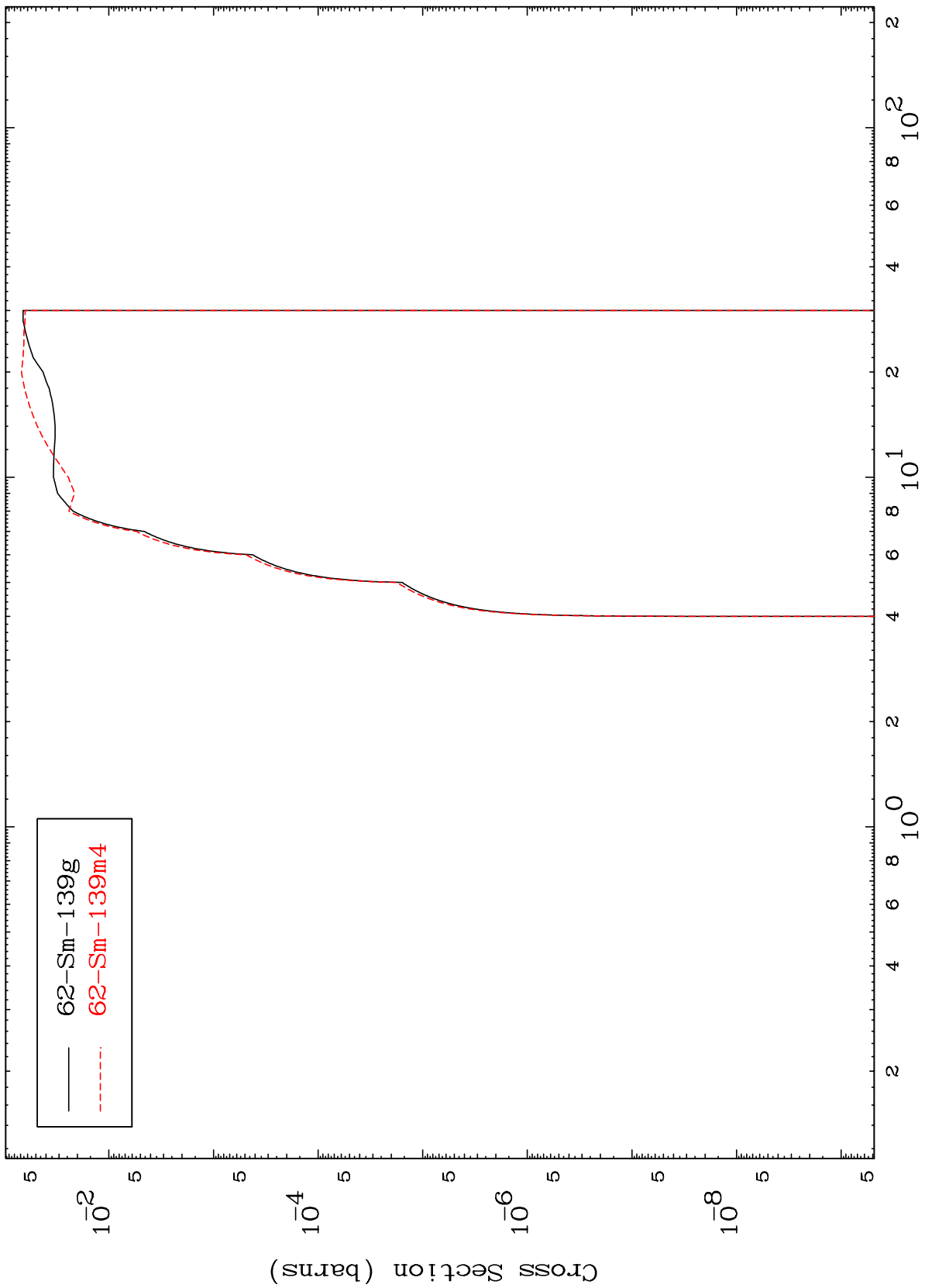
Incident Energy (MeV)

MAT 6207

(t,d)

62-Sm-138

Radionuclide Production Cross Section

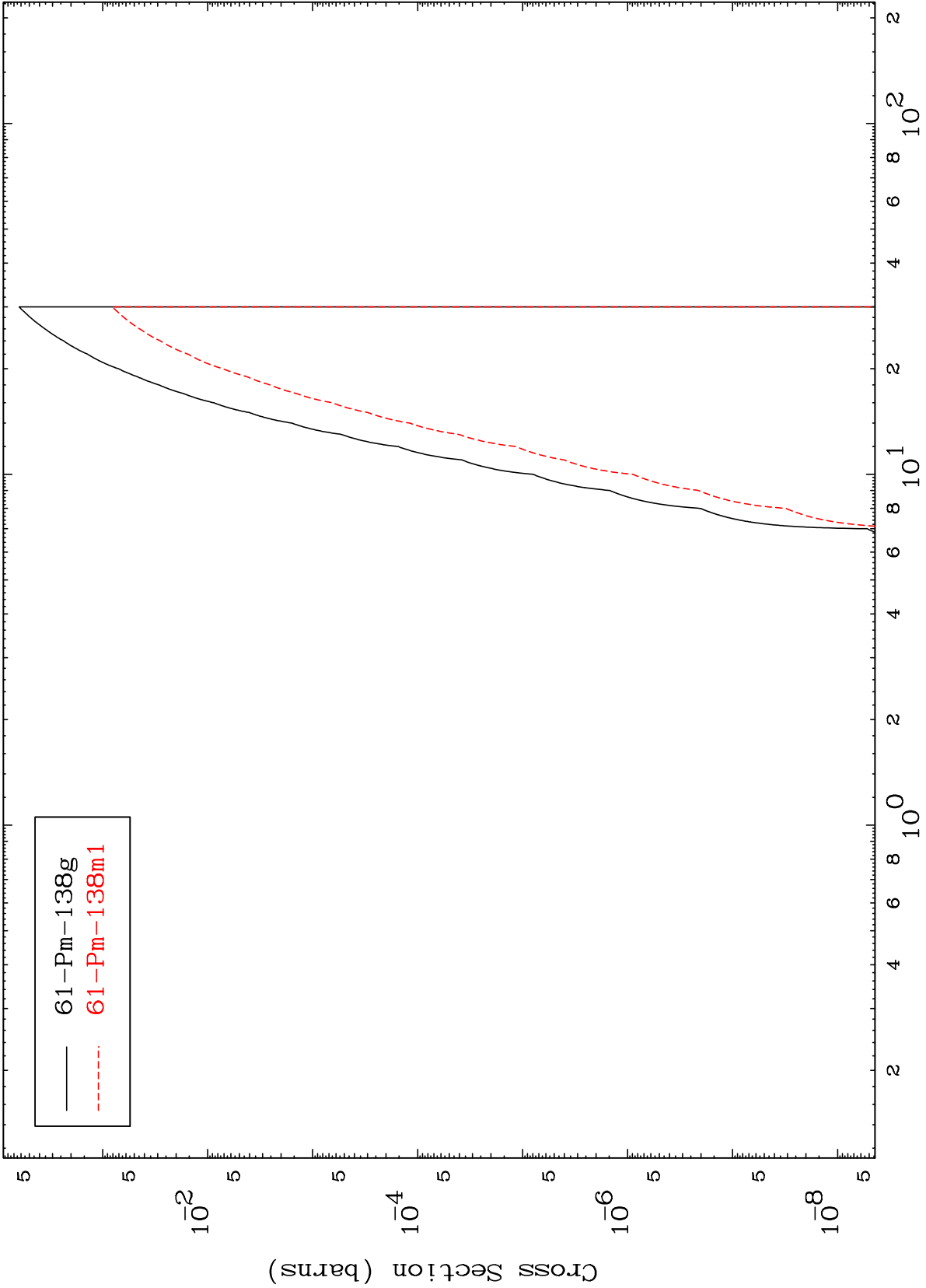


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(t,He-3)

62-Sm-138

Radionuclide Production Cross Section

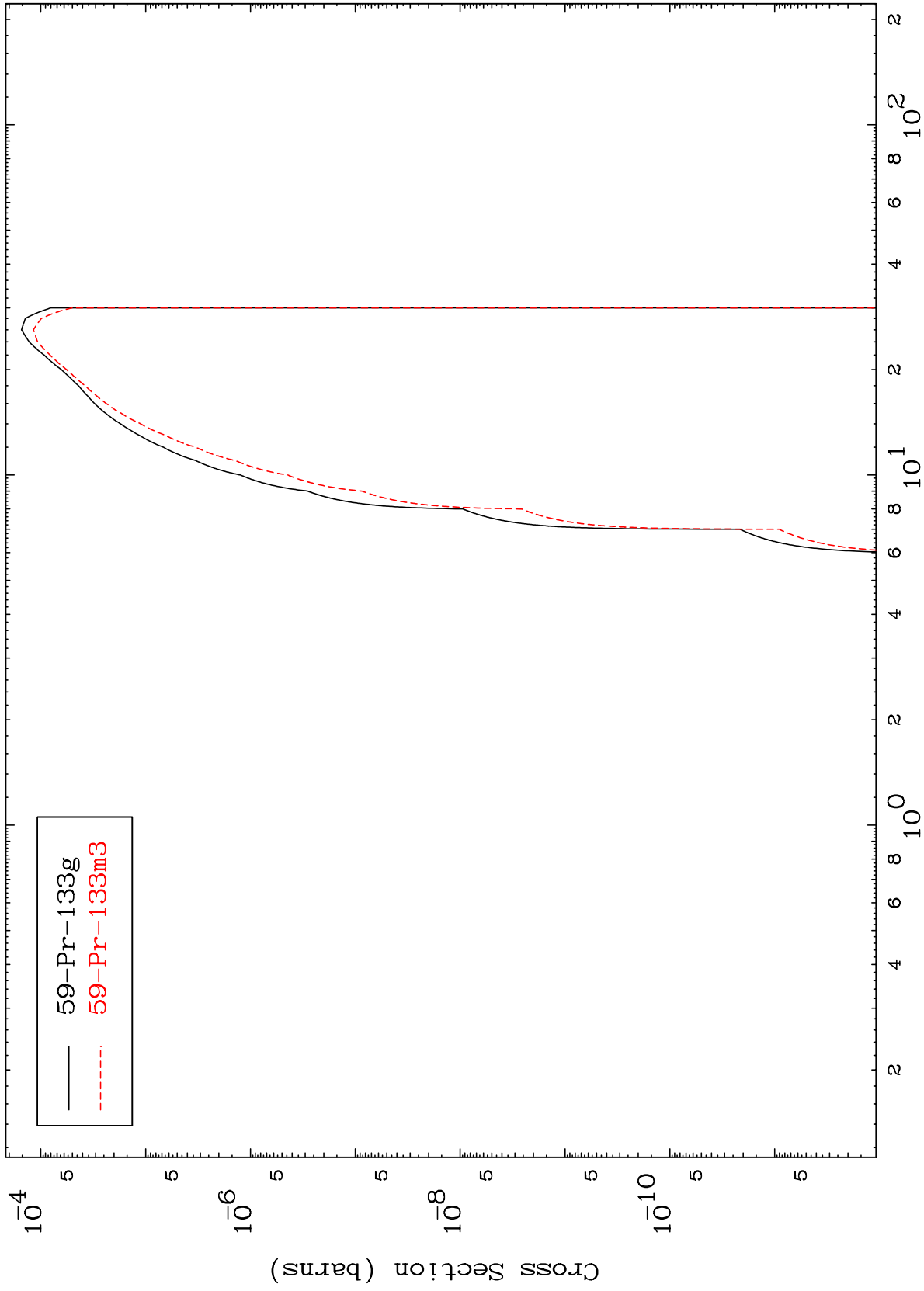


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(t,2 α)

62-Sm-138

Radionuclide Production Cross Section

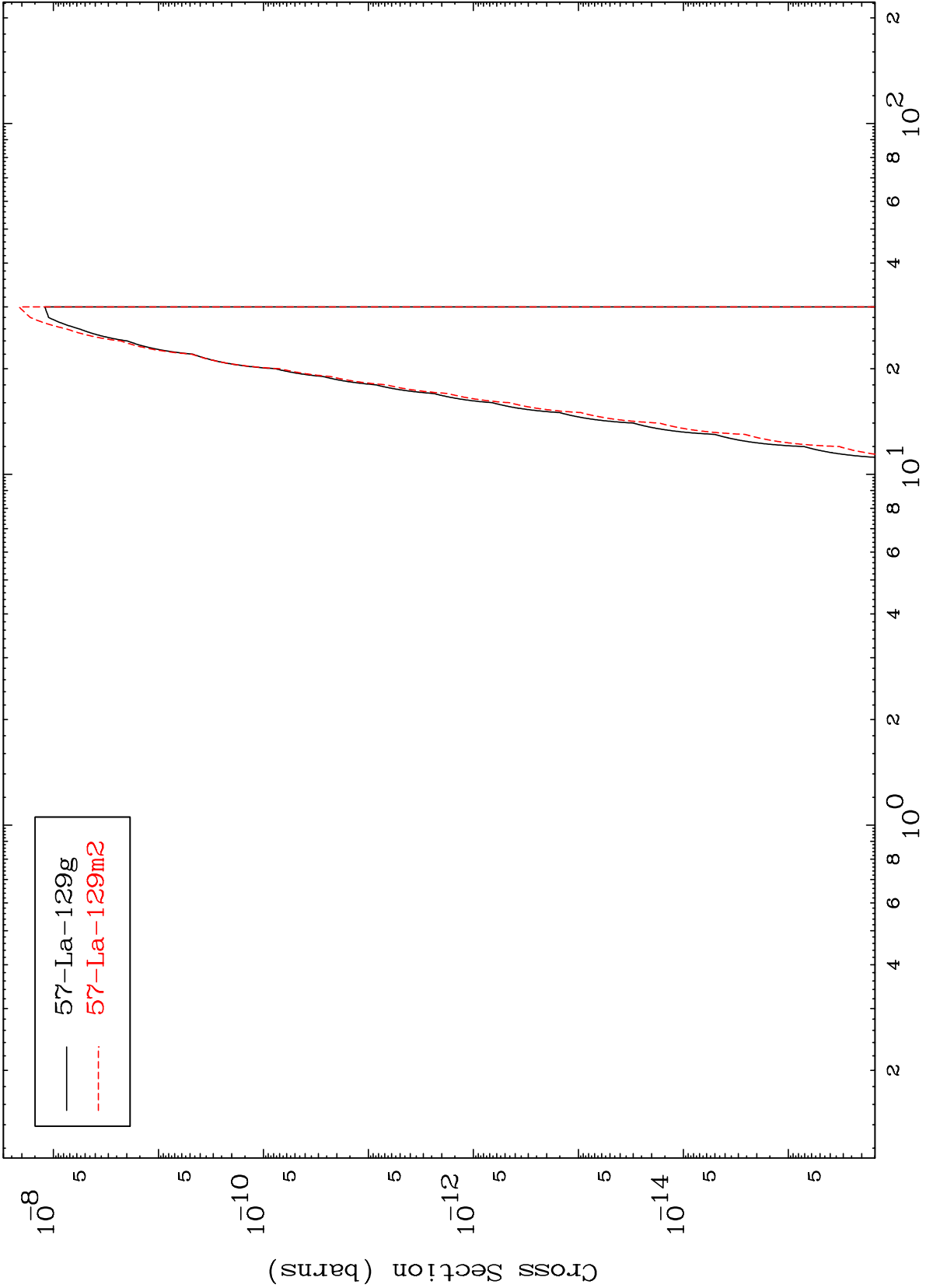


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(t, 3 α)

62-Sm-138

Radionuclide Production Cross Section

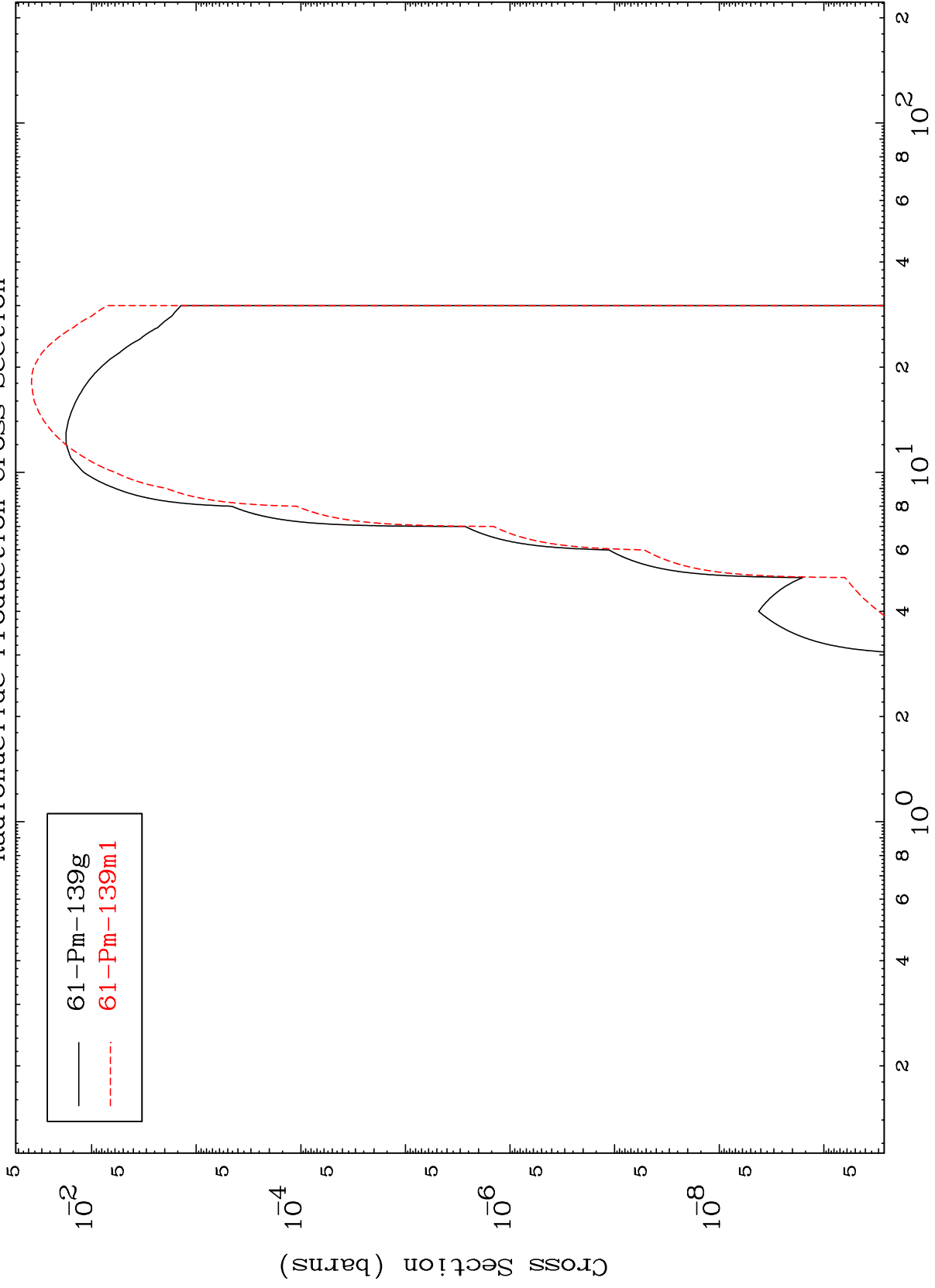


— 57-La-129g
- - - 57-La-129m2

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62-Sm-138

(t,2p)
Radionuclide Production Cross Section



62-Sm-138

Incident Energy (MeV)

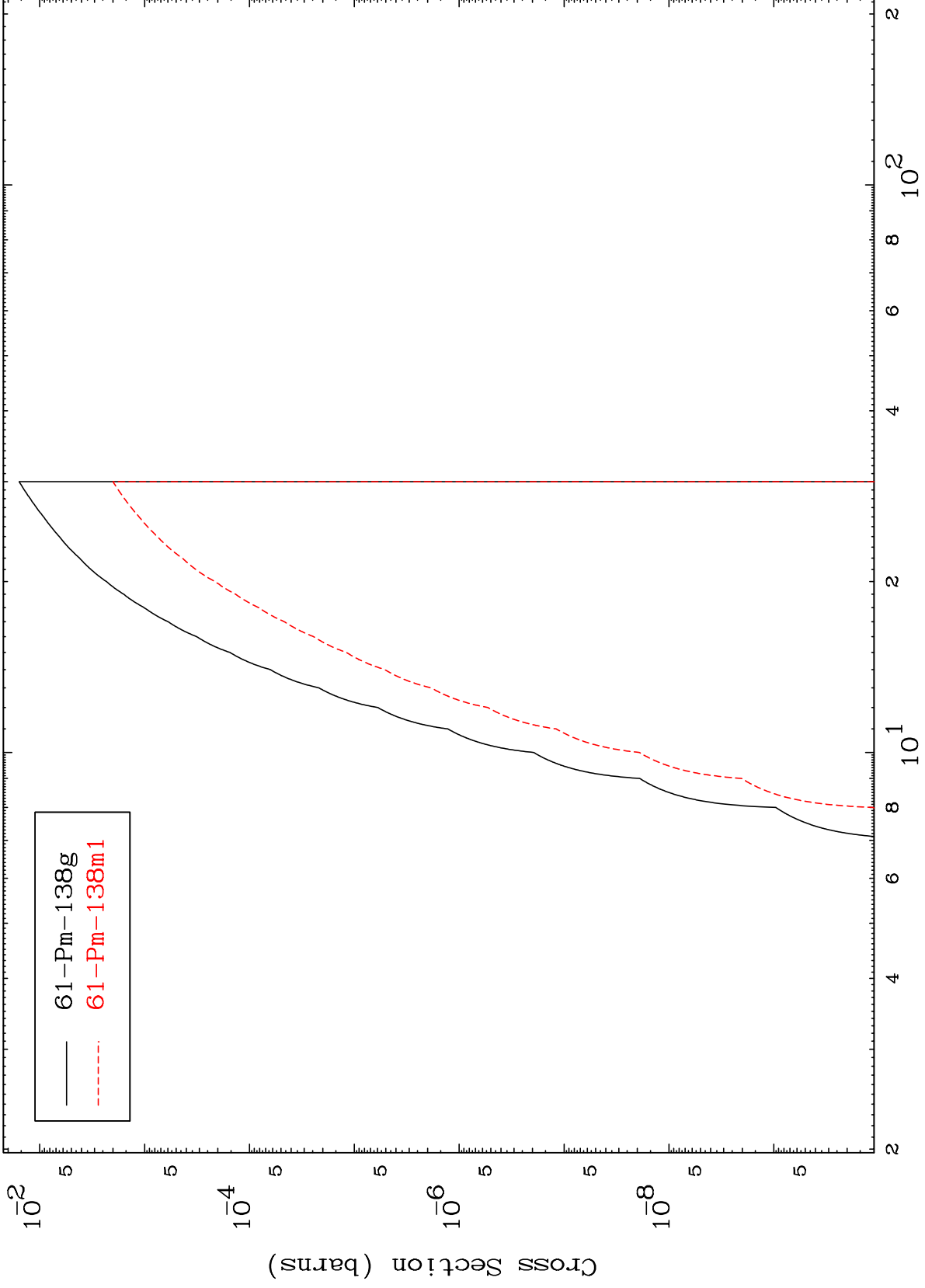
23

MAT 6207

(t,p) d

⁶²Sm-138

Radionuclide Production Cross Section



— 61-Pm-138g
- - - 61-Pm-138m1

24

Incident Energy (MeV)

⁶²Sm-138