

Program EVALPLOT
(Version 2021-1)

by

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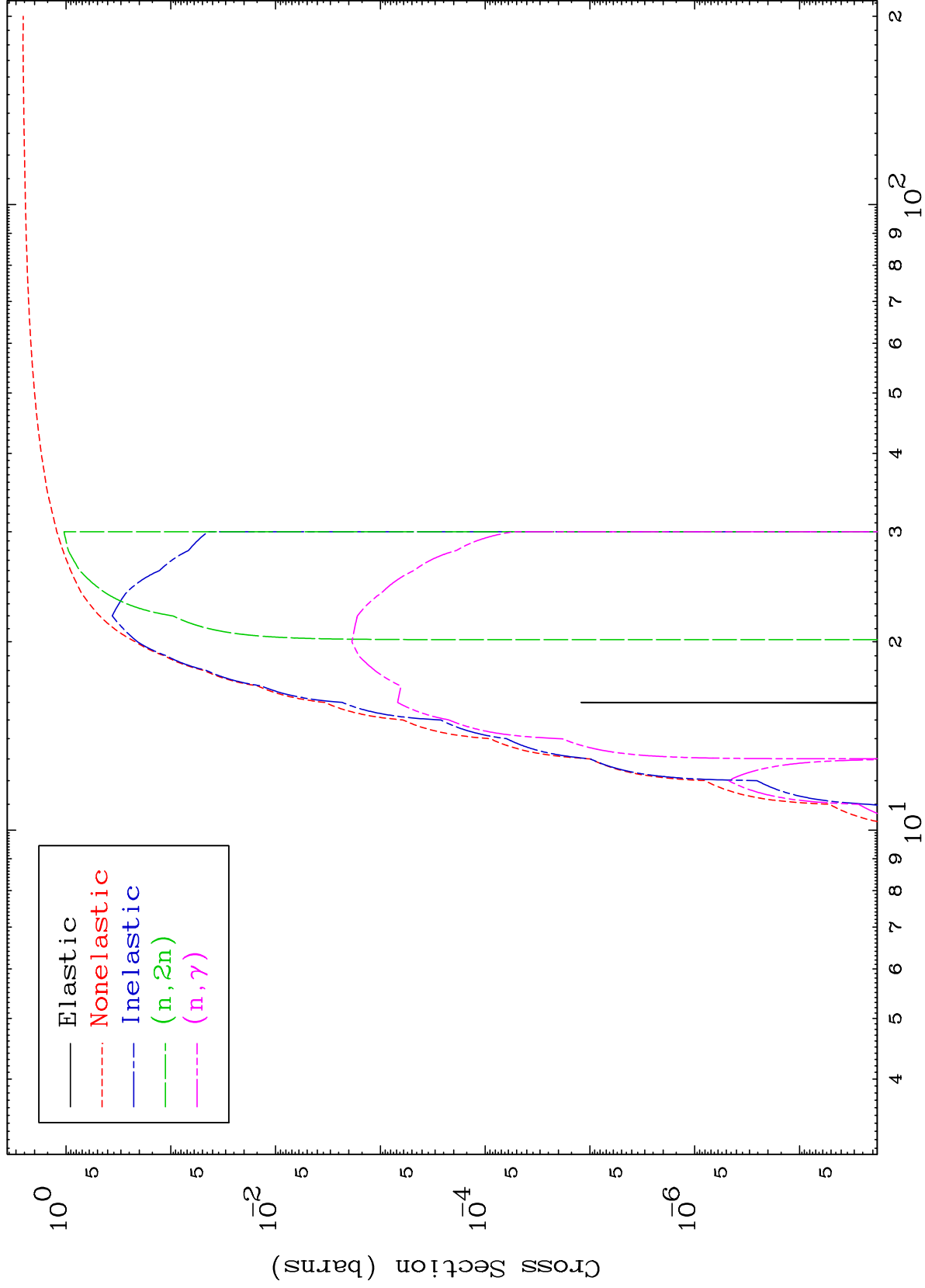
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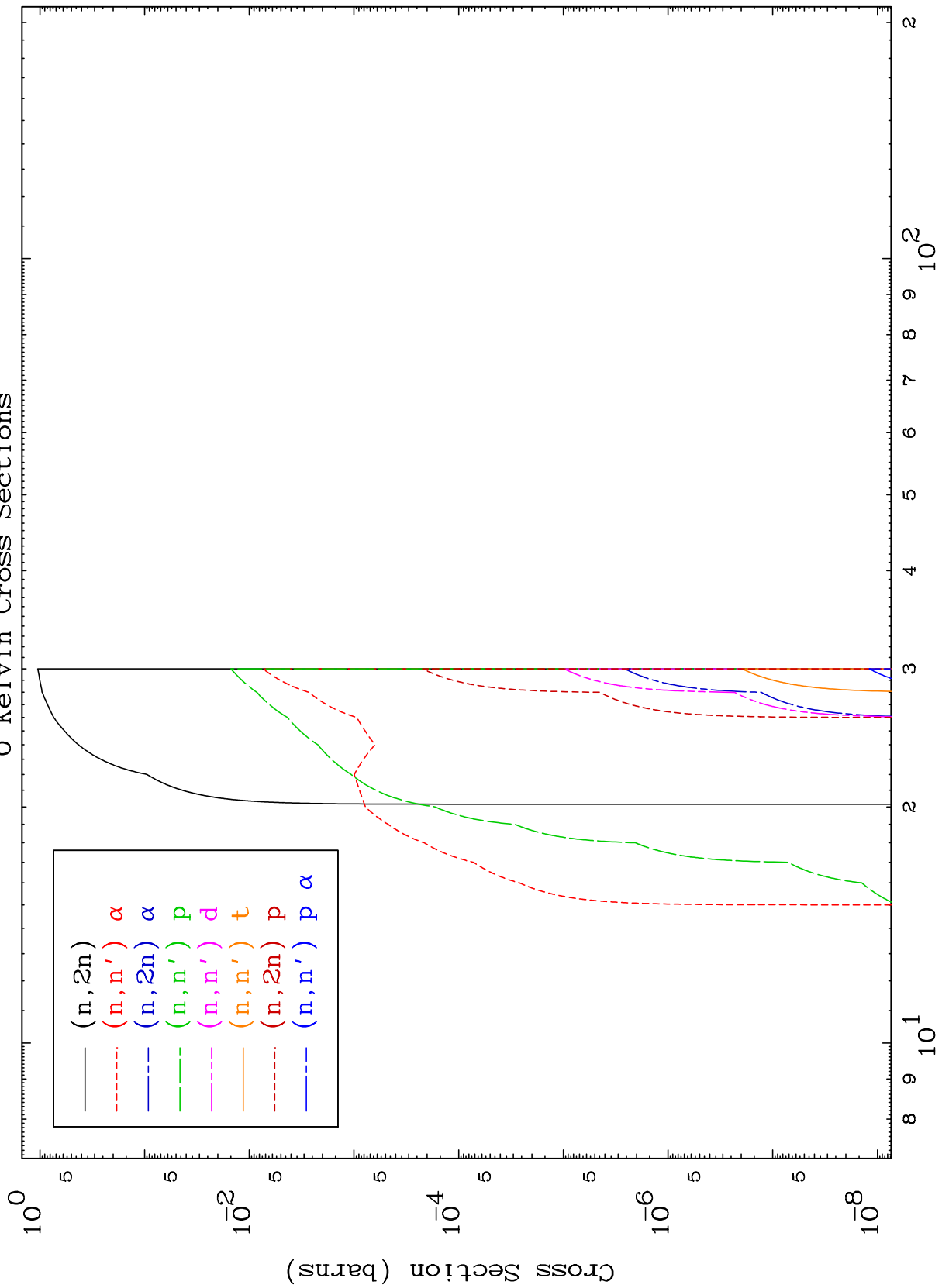
Press Mouse Button to Start

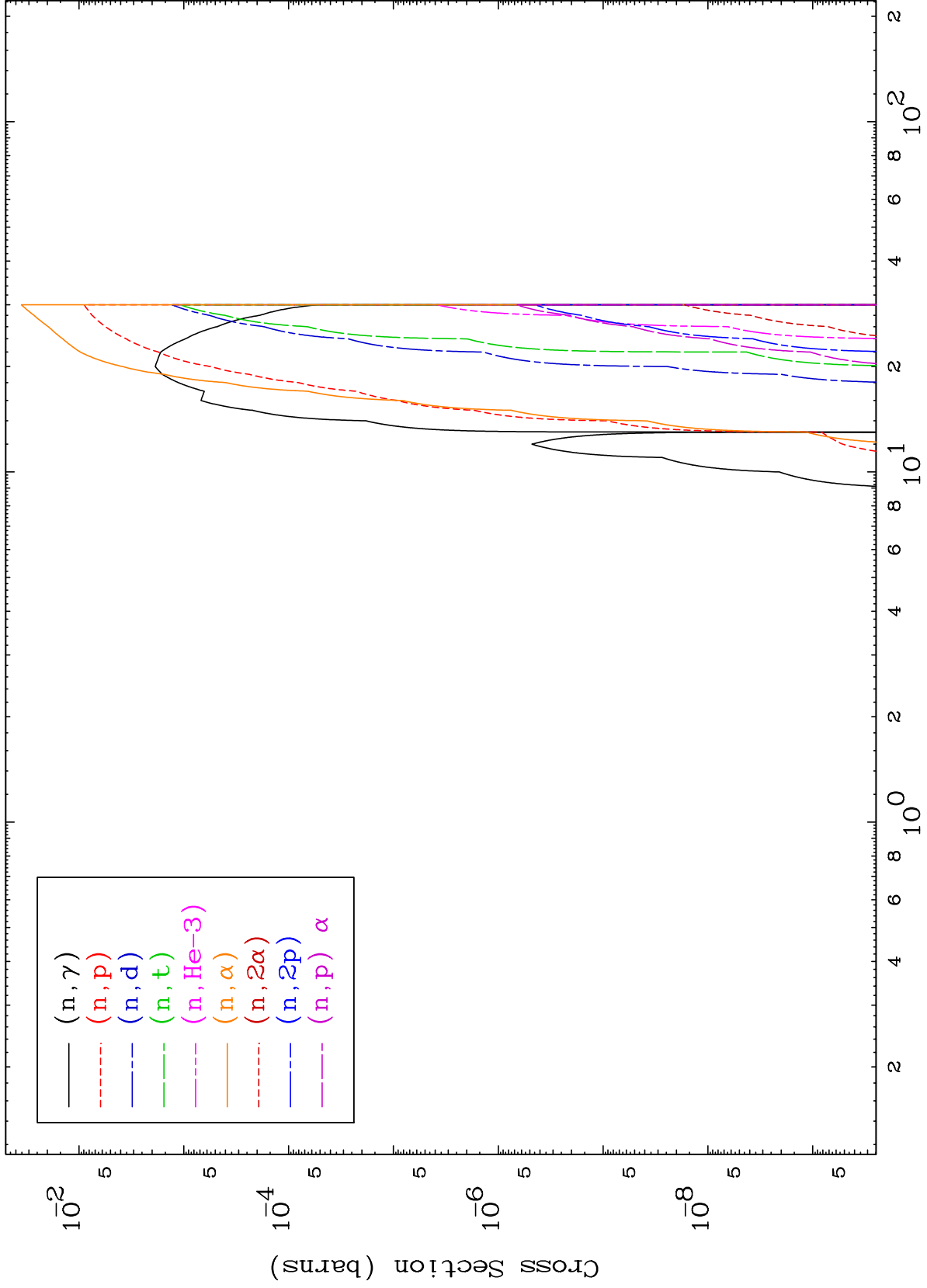
MAT 7110

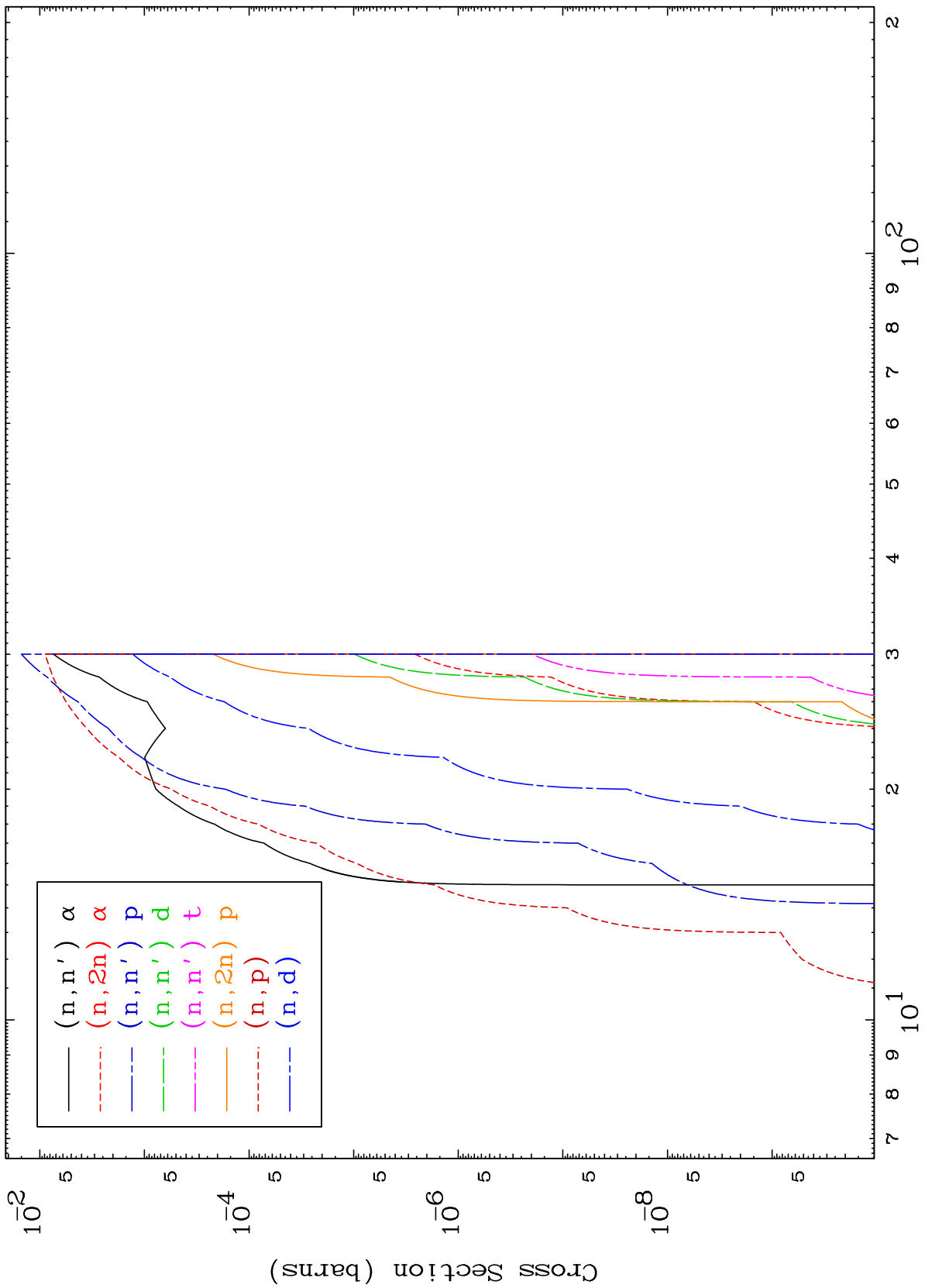
0 Kelvin Cross Sections

71-Lu-170





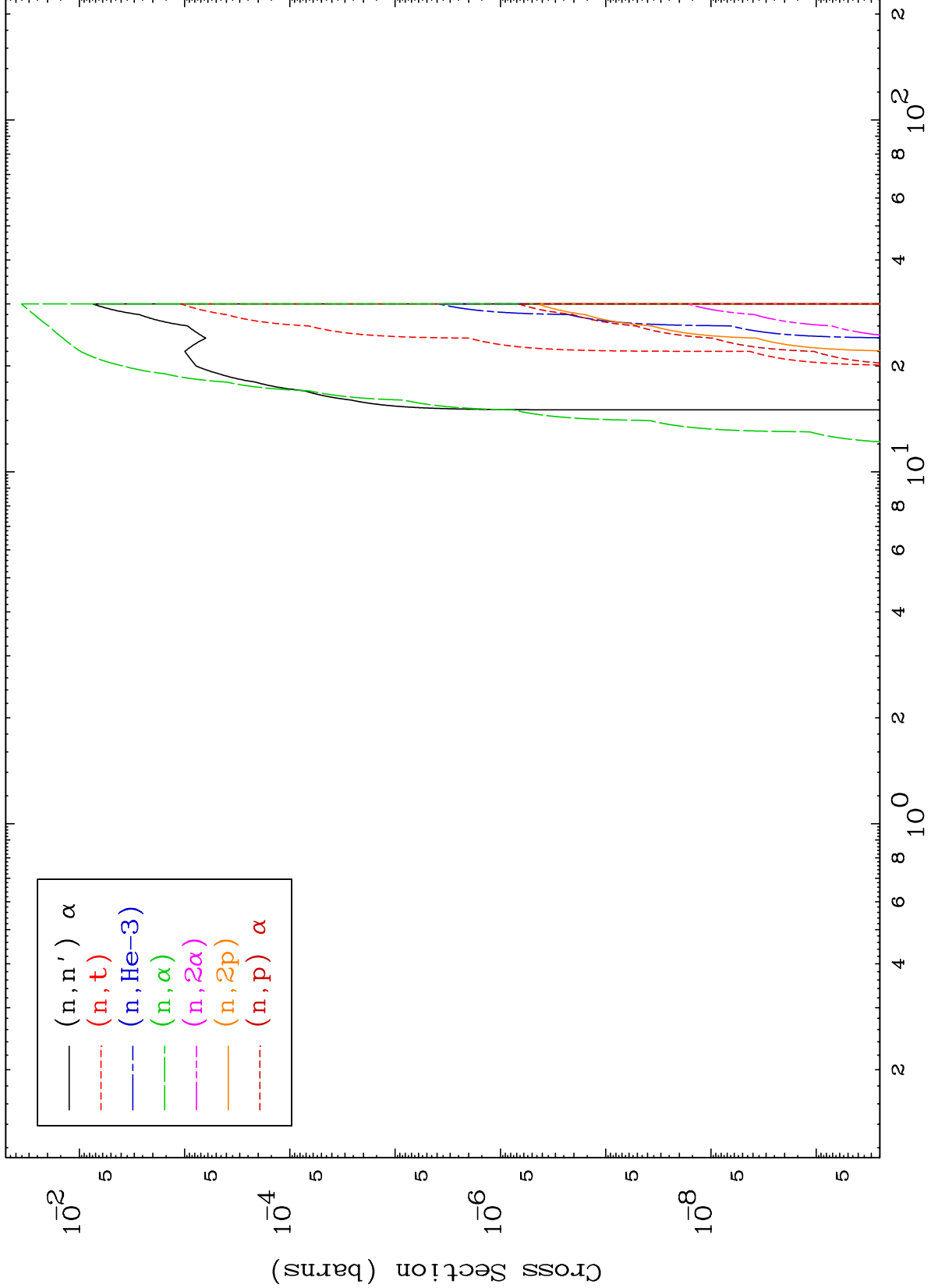




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α Charged Particle
0 Kelvin Cross Sections

71-Lu-170

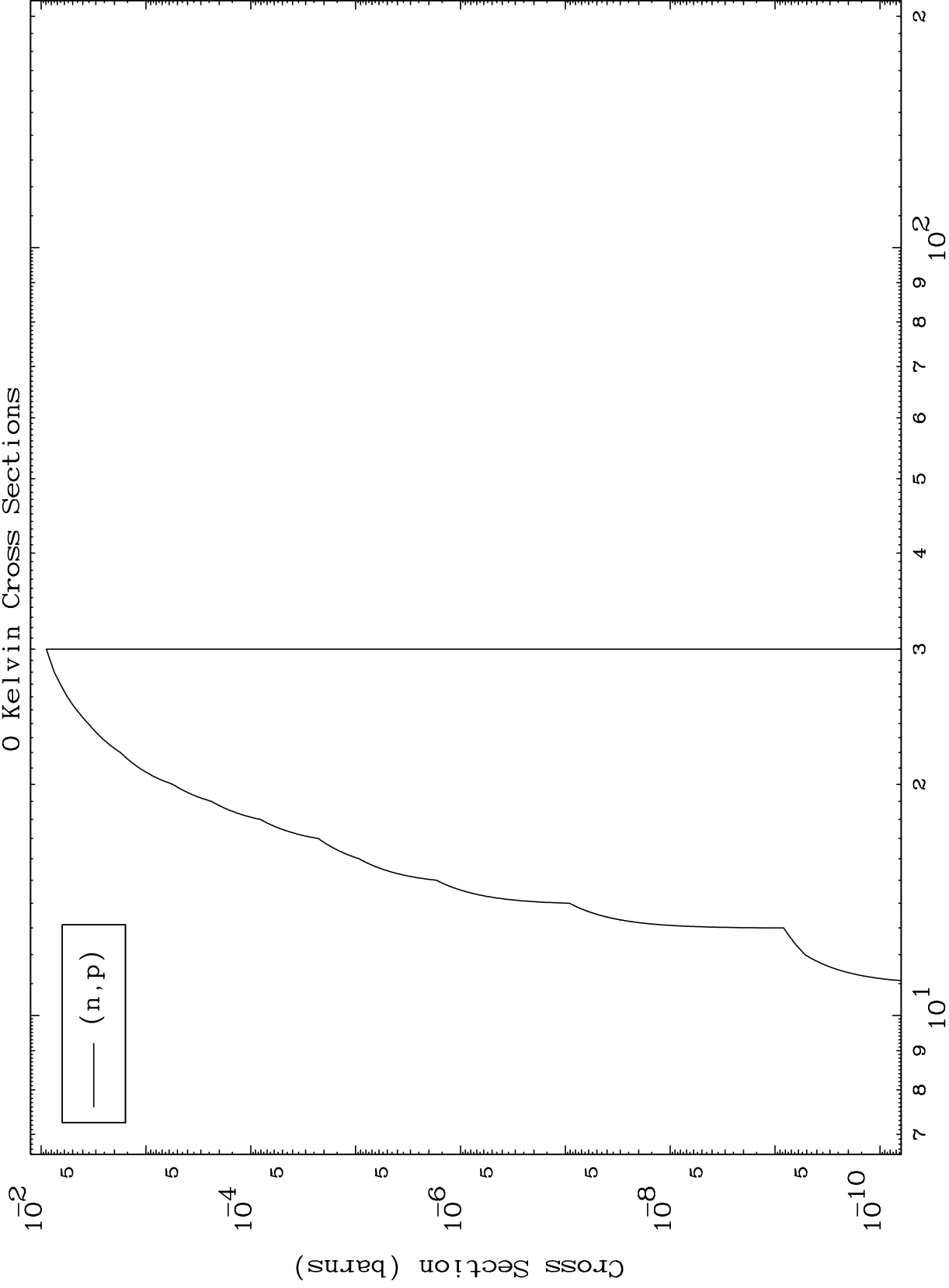


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(α, p) Levels

71-Lu-170

0 Kelvin Cross Sections



Incident Energy (MeV)

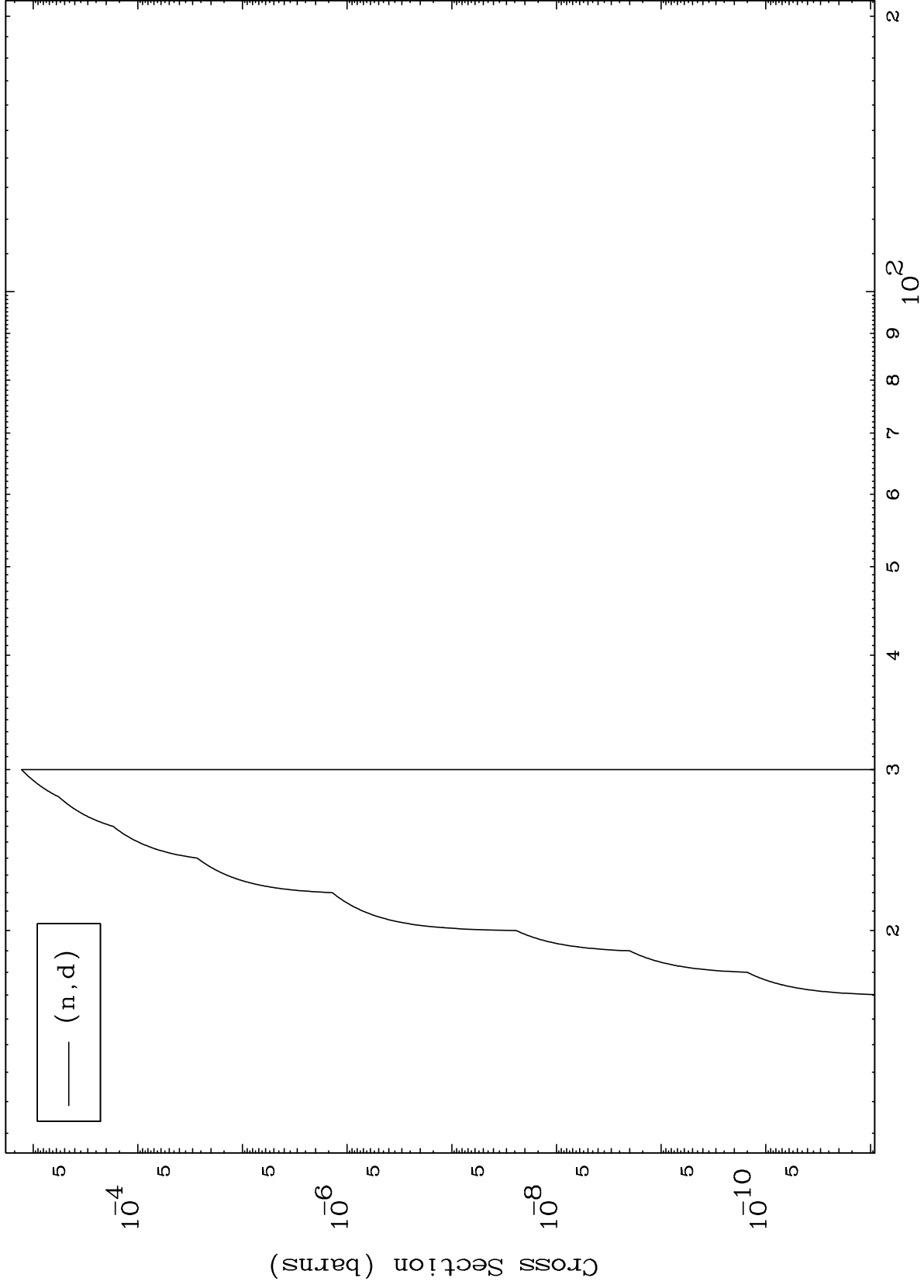
71-Lu-170

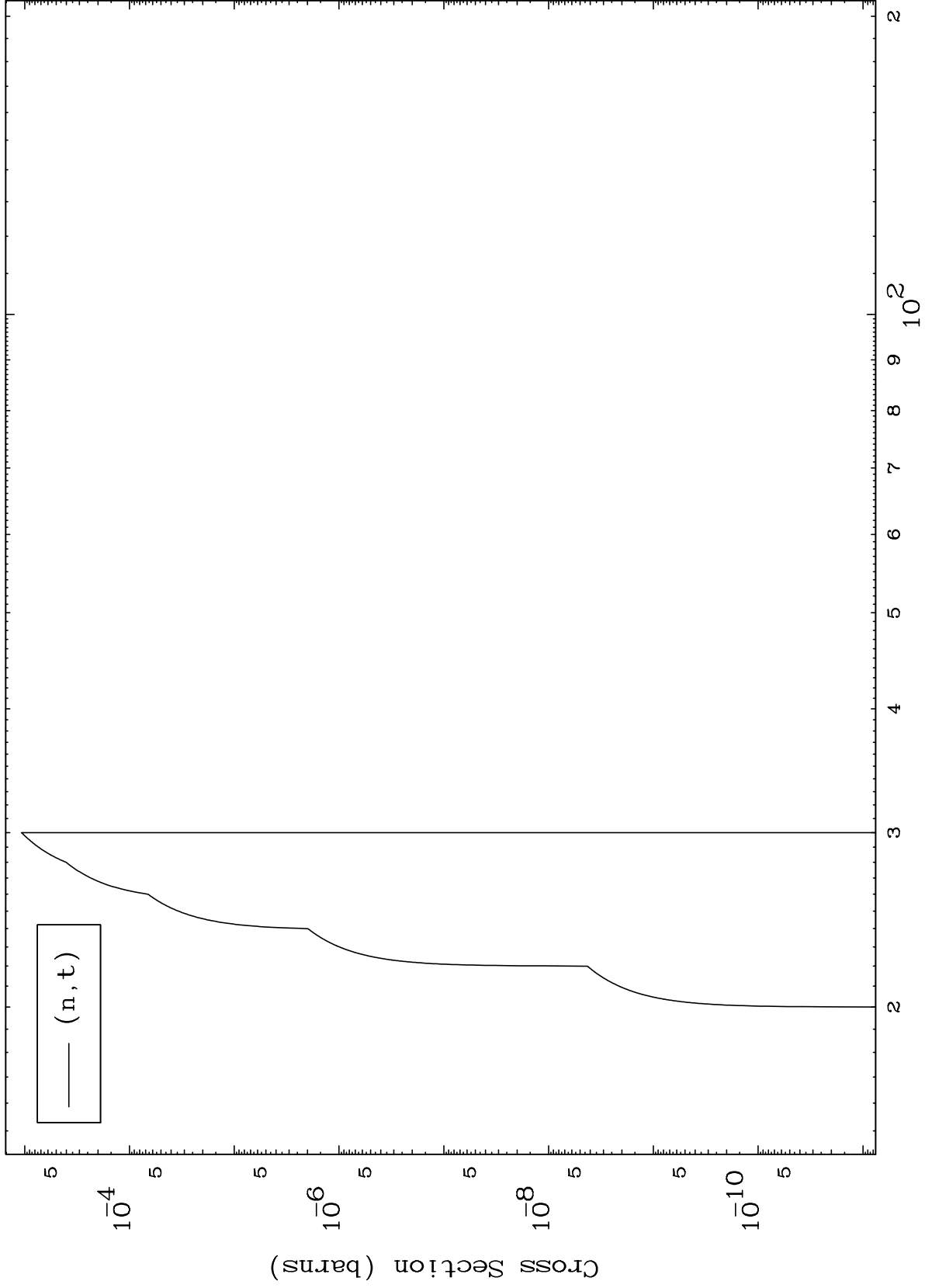
6

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(α, d) Levels
0 Kelvin Cross Sections

71-Lu-170

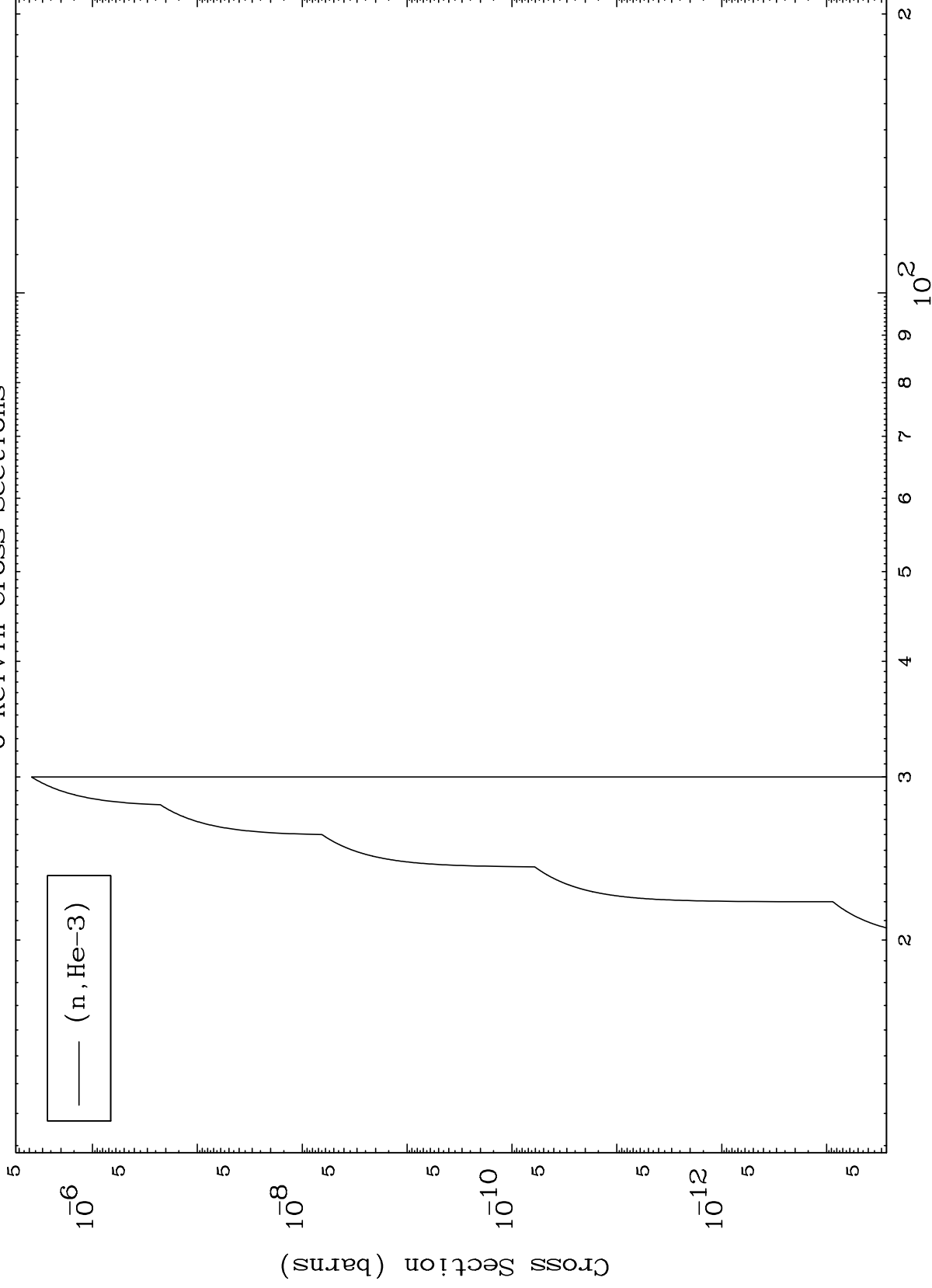




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(α , He3) Levels
0 Kelvin Cross Sections

71-Lu-170



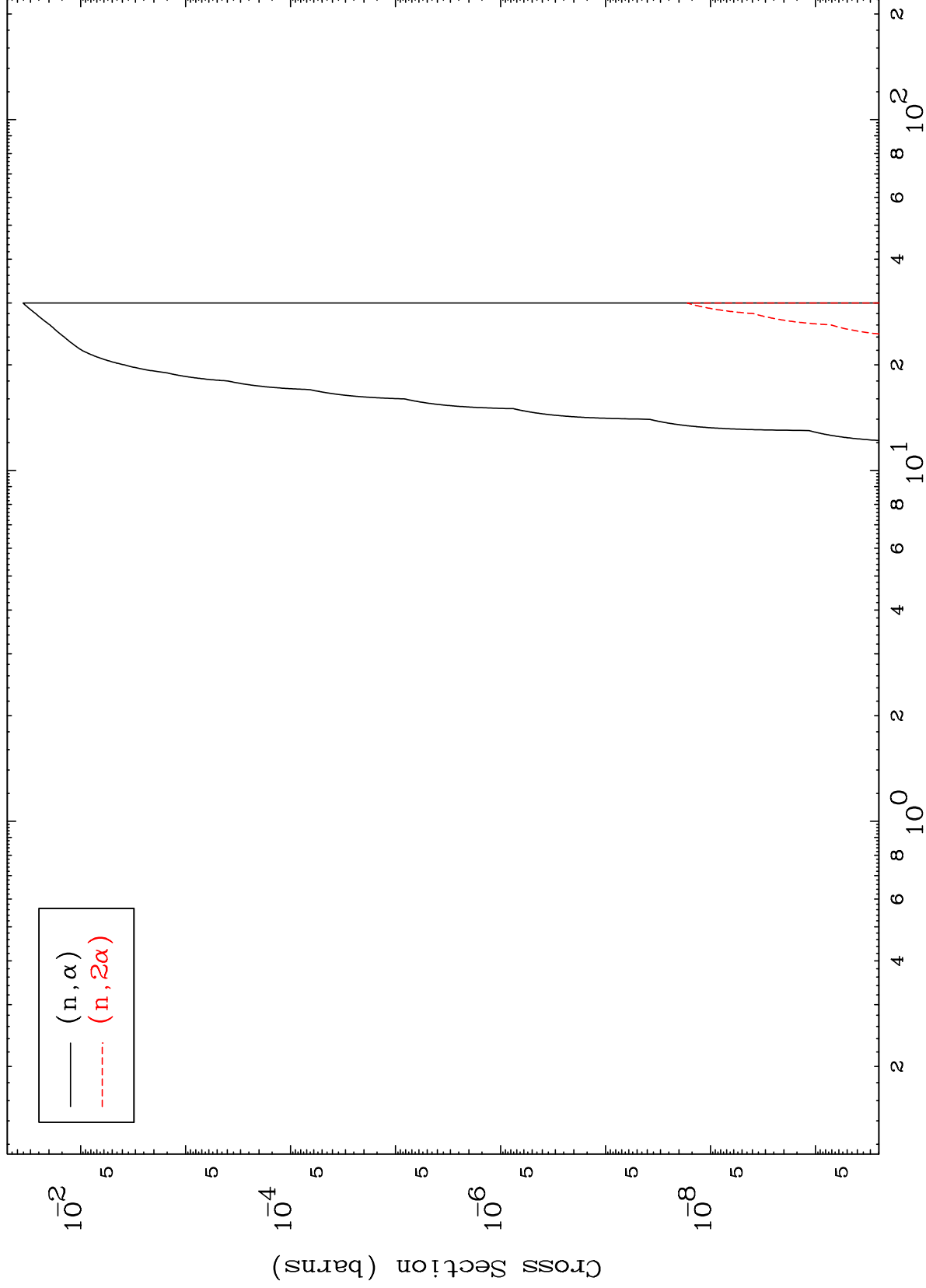
(n, He-3)

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(α, α) Levels

71-Lu-170

0 Kelvin Cross Sections



10

Incident Energy (MeV)

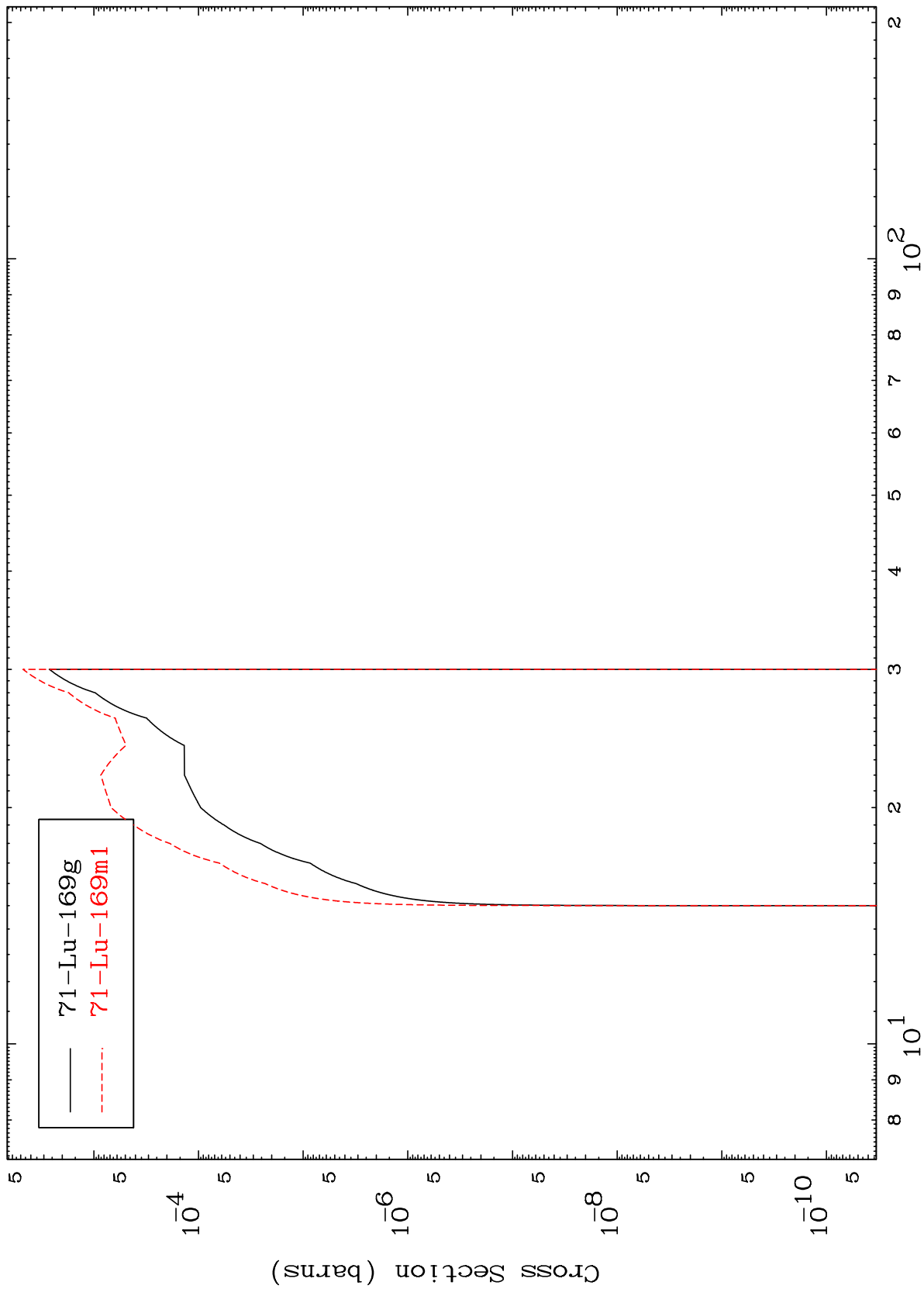
71-Lu-170

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$(n, n') \alpha$

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section

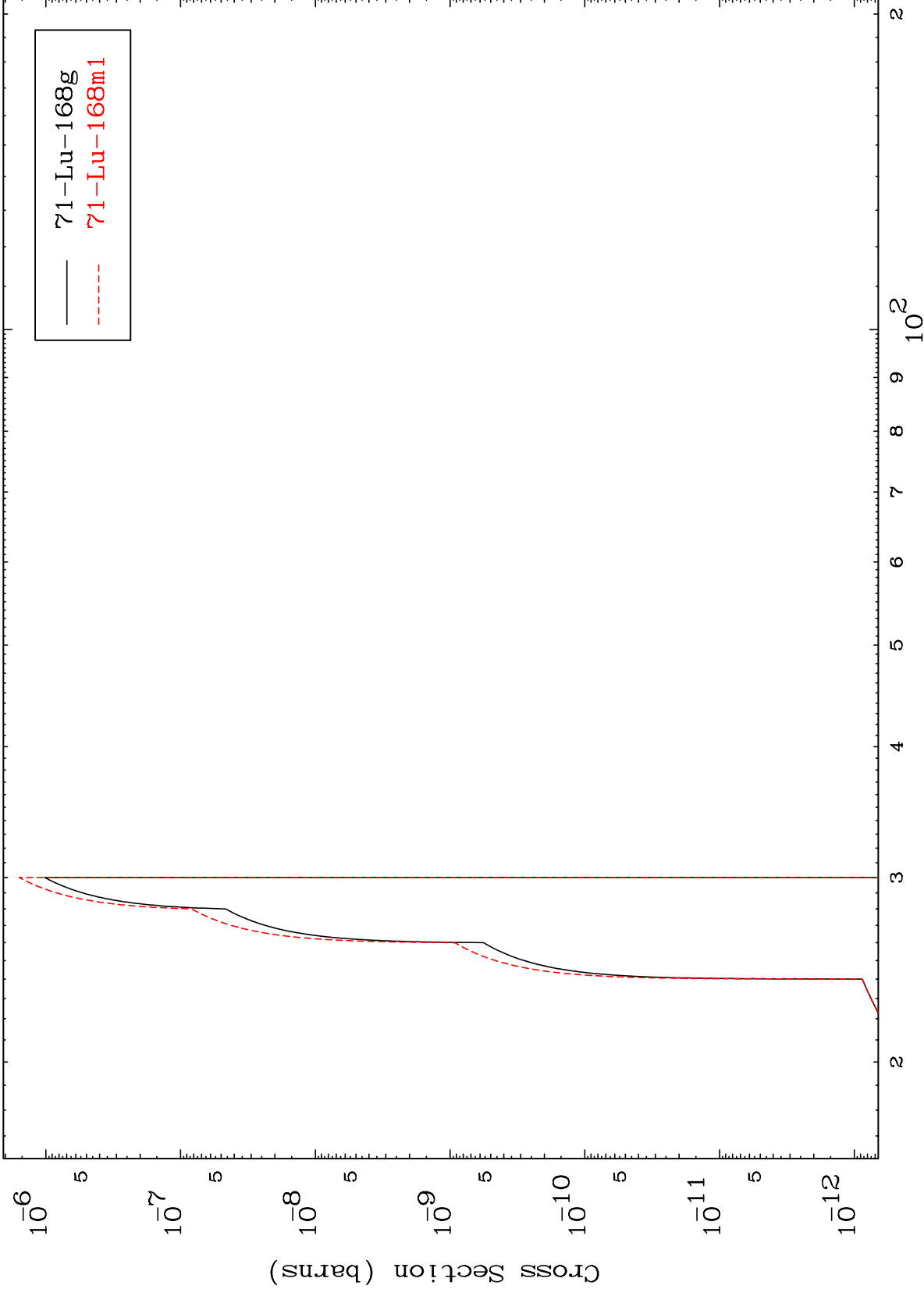


11

Incident Energy (MeV)

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section

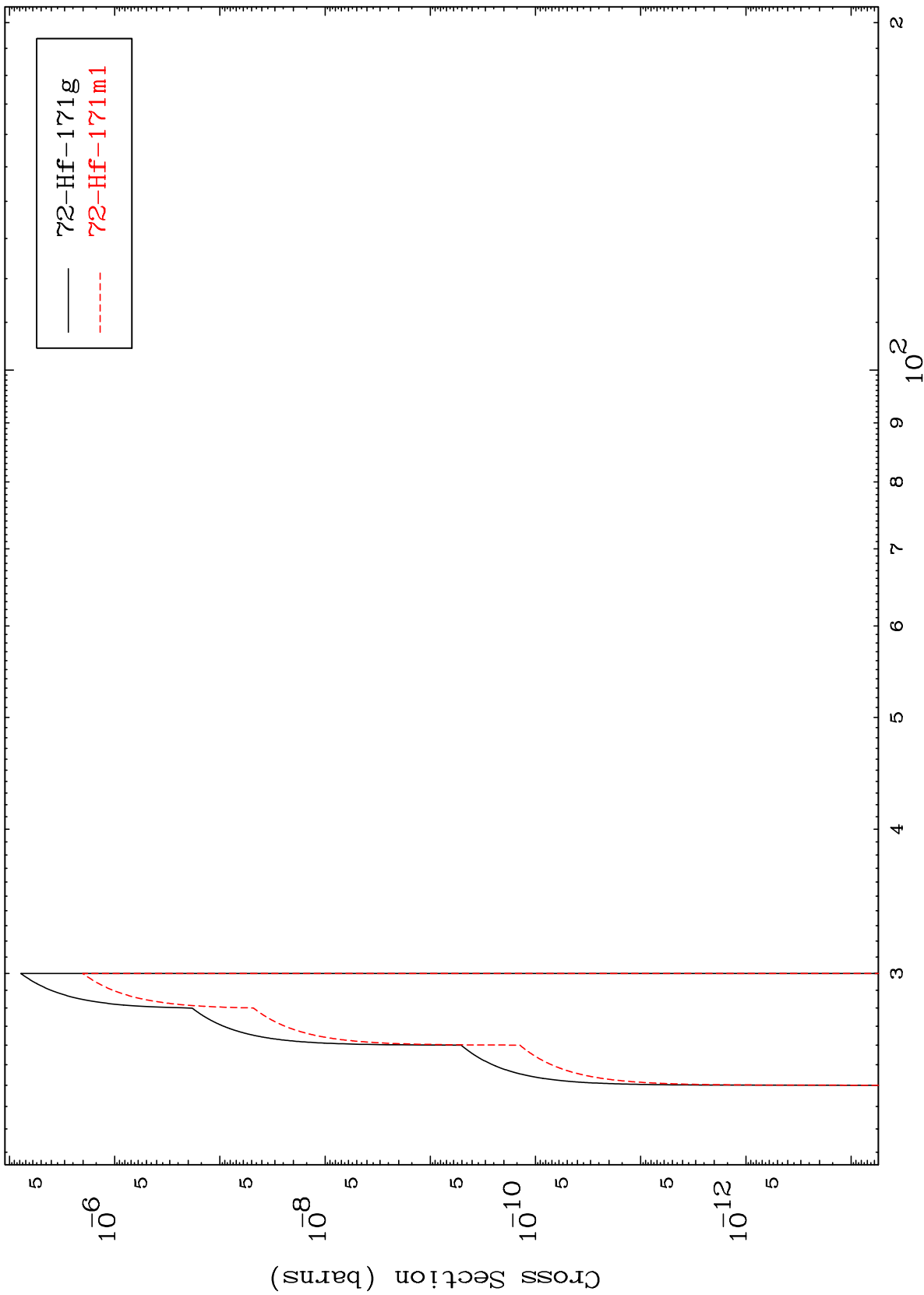


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(n,n') d

71-Lu-170

Radionuclide Production Cross Section



13

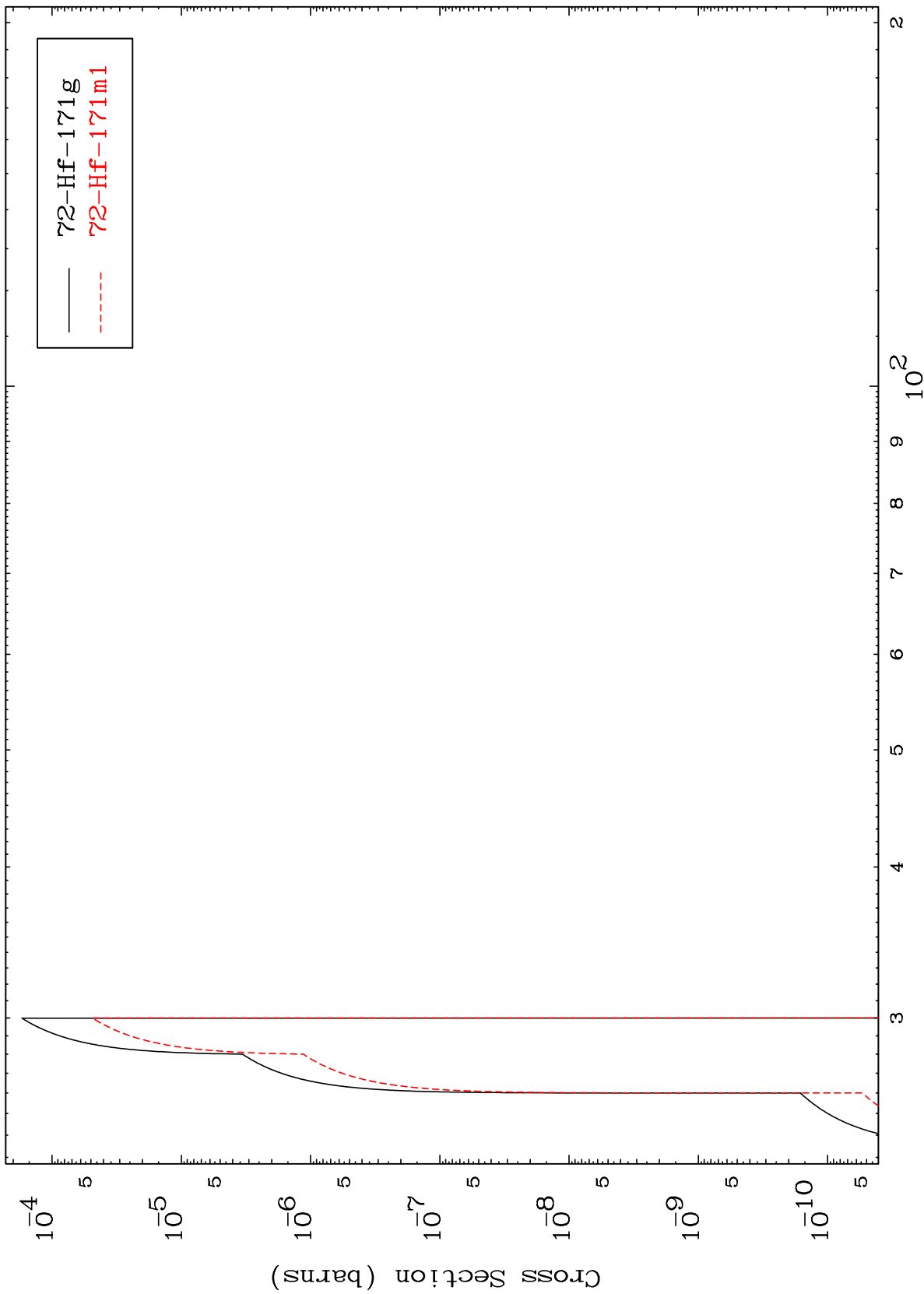
Incident Energy (MeV)

71-Lu-170

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71-Lu-170

(n,2n) p
Radionuclide Production Cross Section



14

71-Lu-170

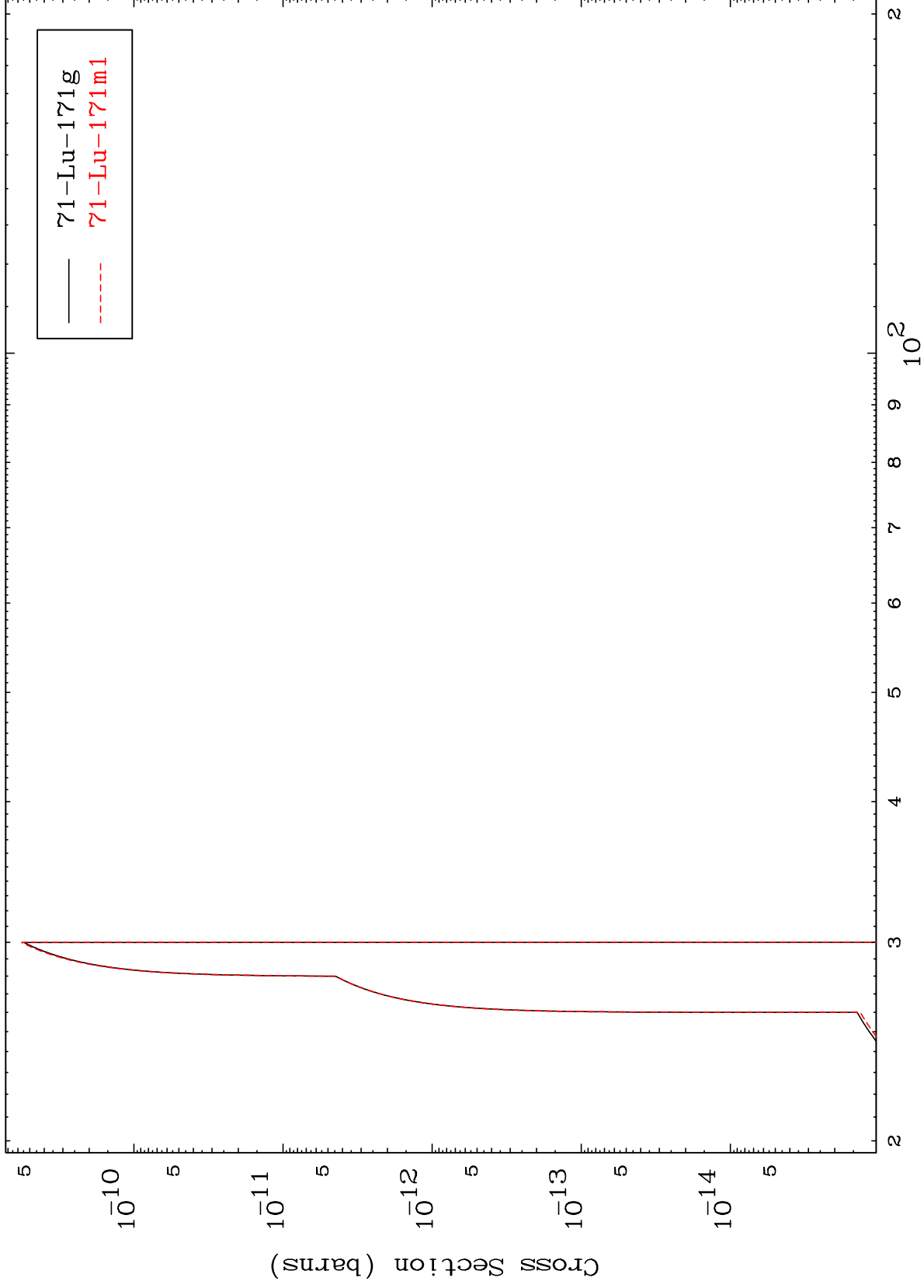
Incident Energy (MeV)

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(n,2n) p

71-Lu-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

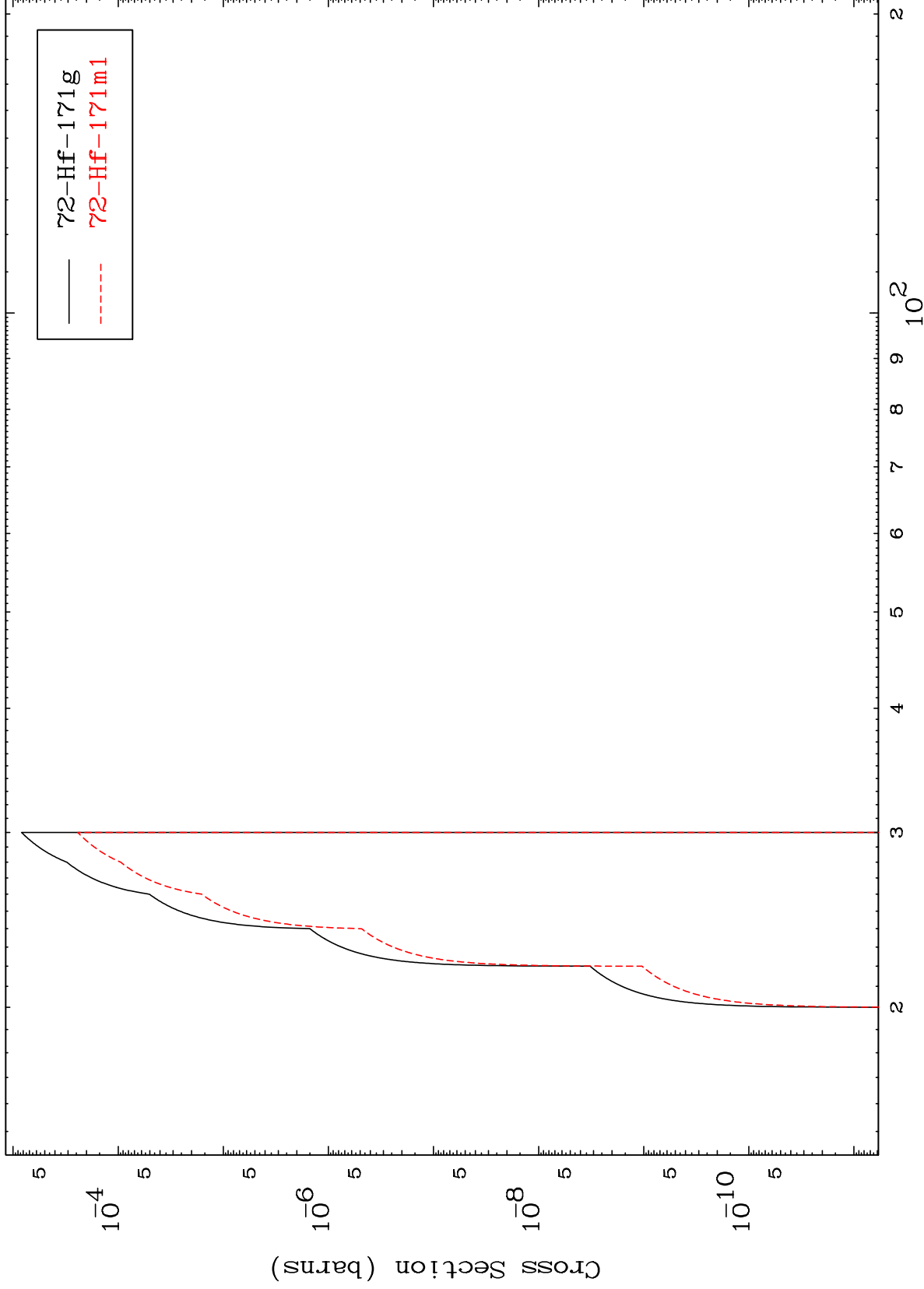
71-Lu-170

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(n, t)

71-Lu-170

Radionuclide Production Cross Section



16

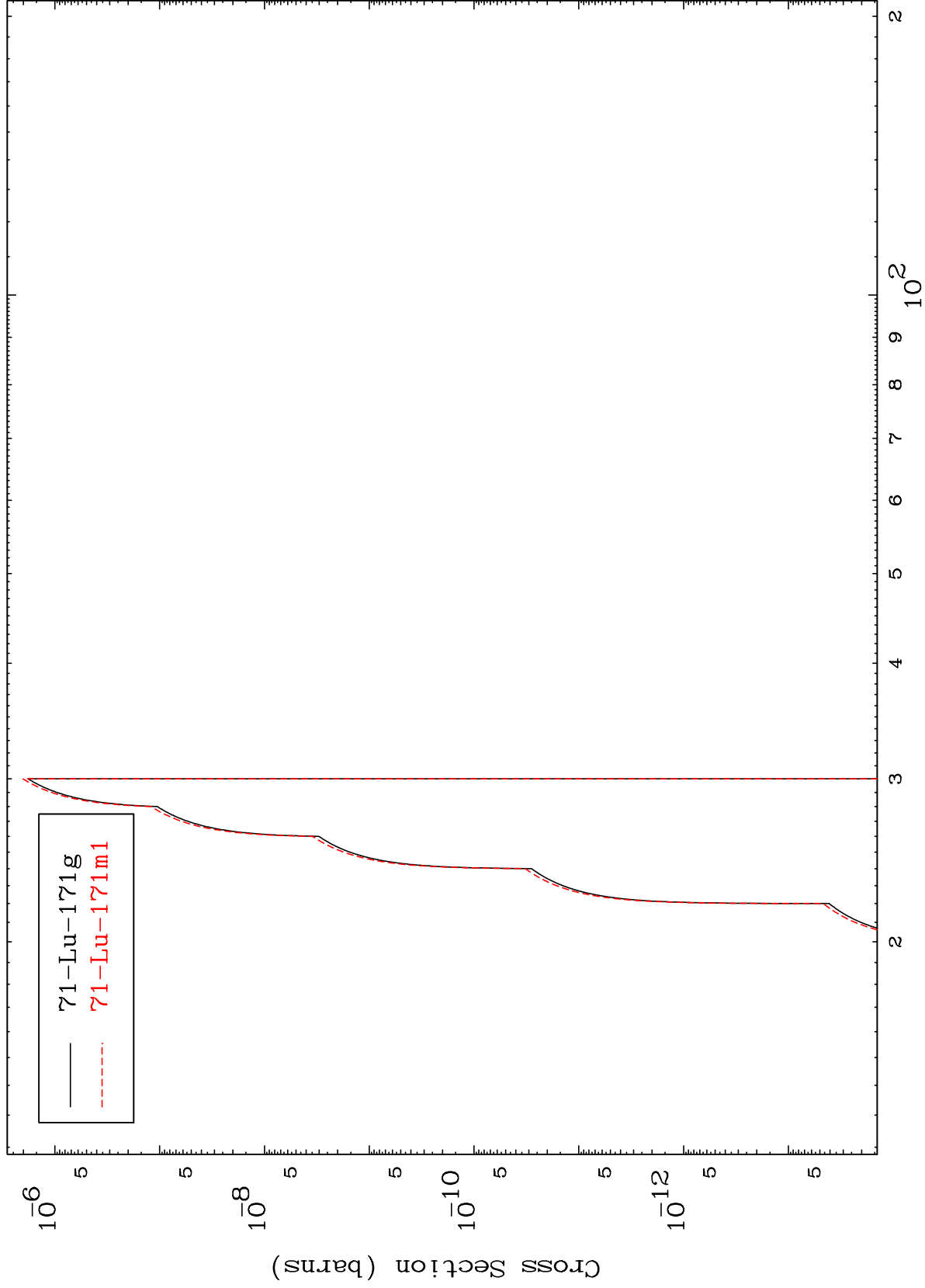
Incident Energy (MeV)

71-Lu-170

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71-Lu-170

Radionuclide Production Cross Section
(n,He-3)



71-Lu-170

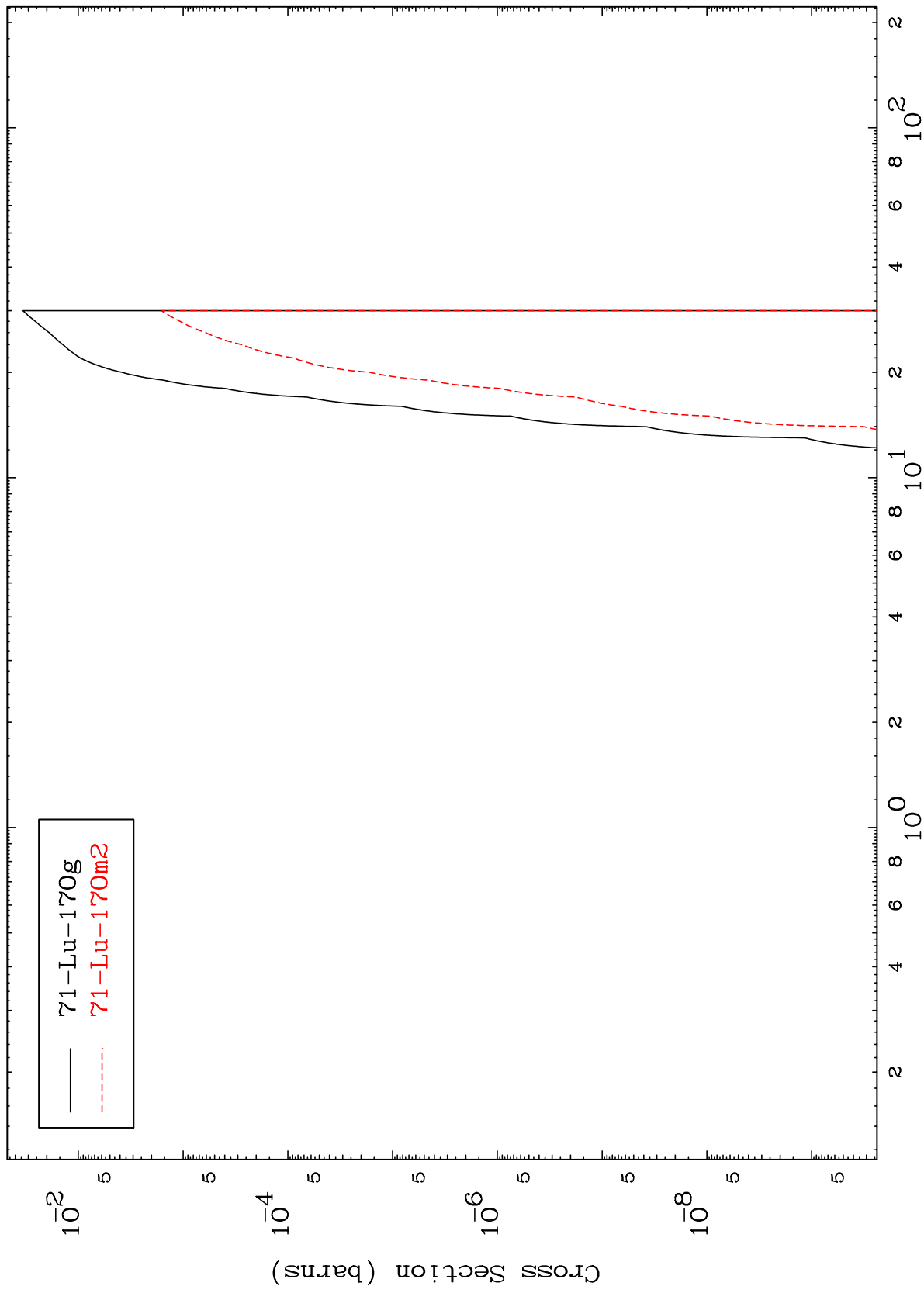
Incident Energy (MeV)

17

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71-Lu-170

Radionuclide Production Cross Section
(n, α)



18

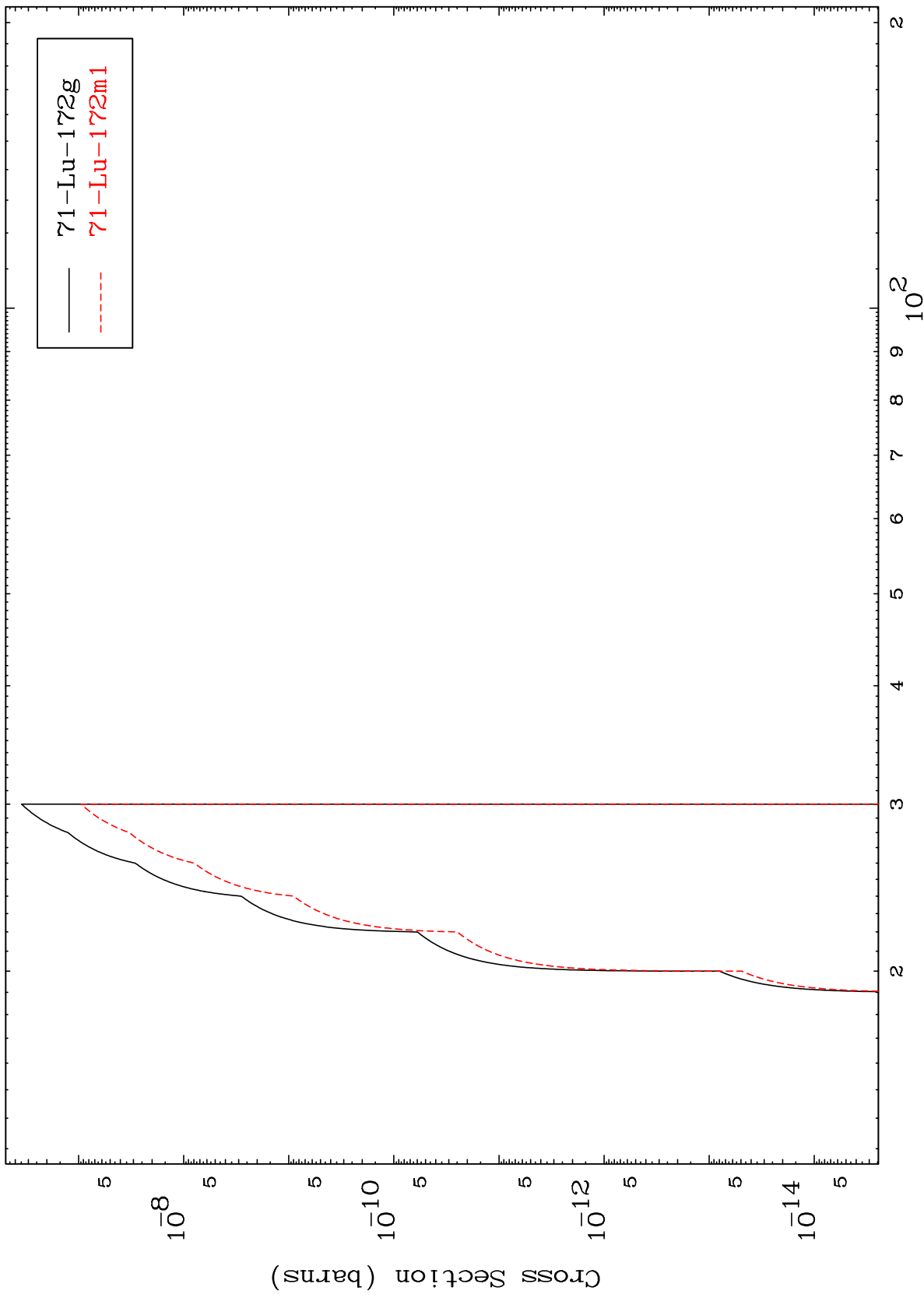
Incident Energy (MeV)

71-Lu-170

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71-Lu-170

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

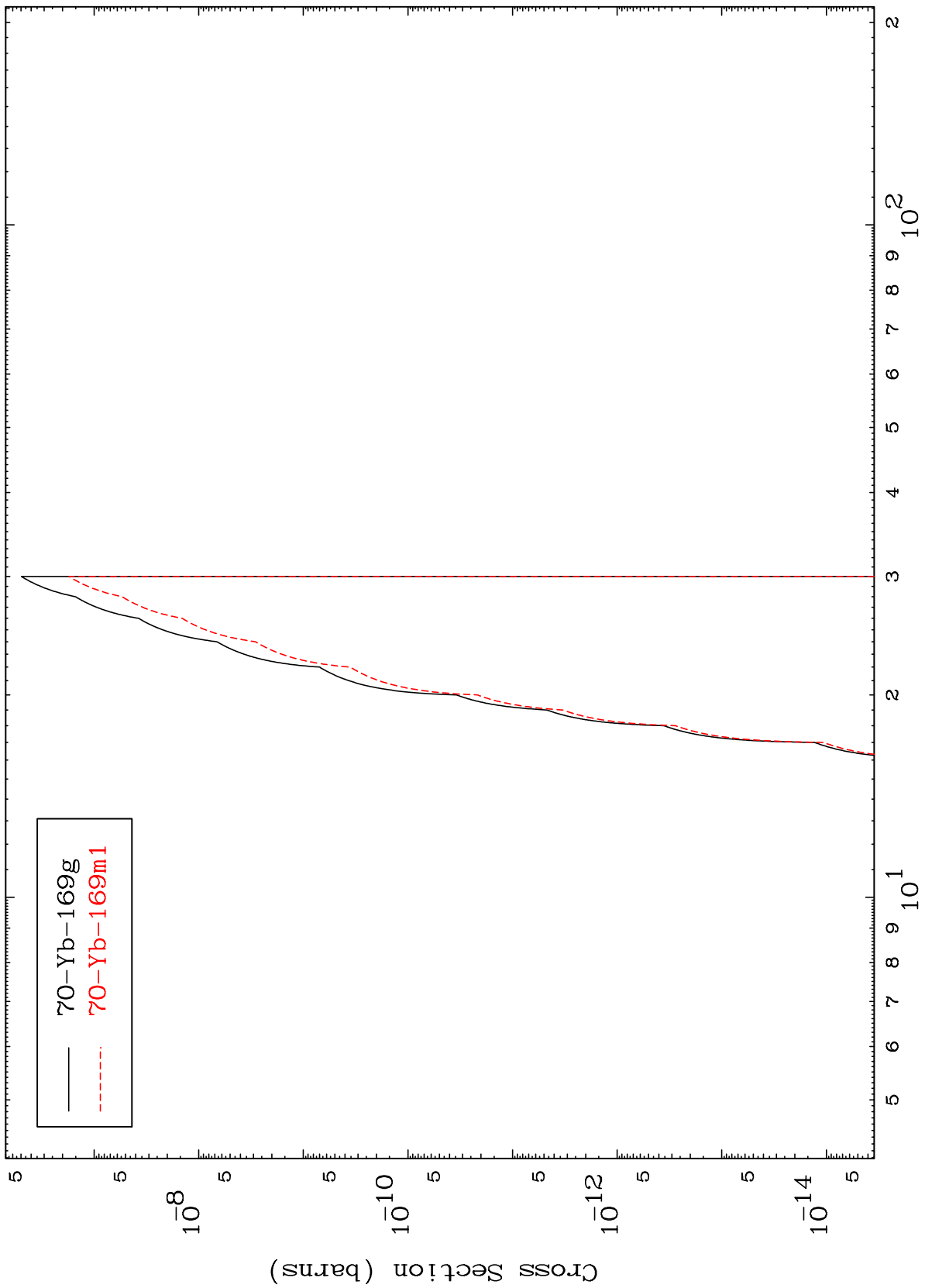
71-Lu-170

MAT 7110

(n,p) α

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section



— 70-Yb-169g
- - - 70-Yb-169m1

20

Incident Energy (MeV)

$^{71}\text{Lu-170}$