

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

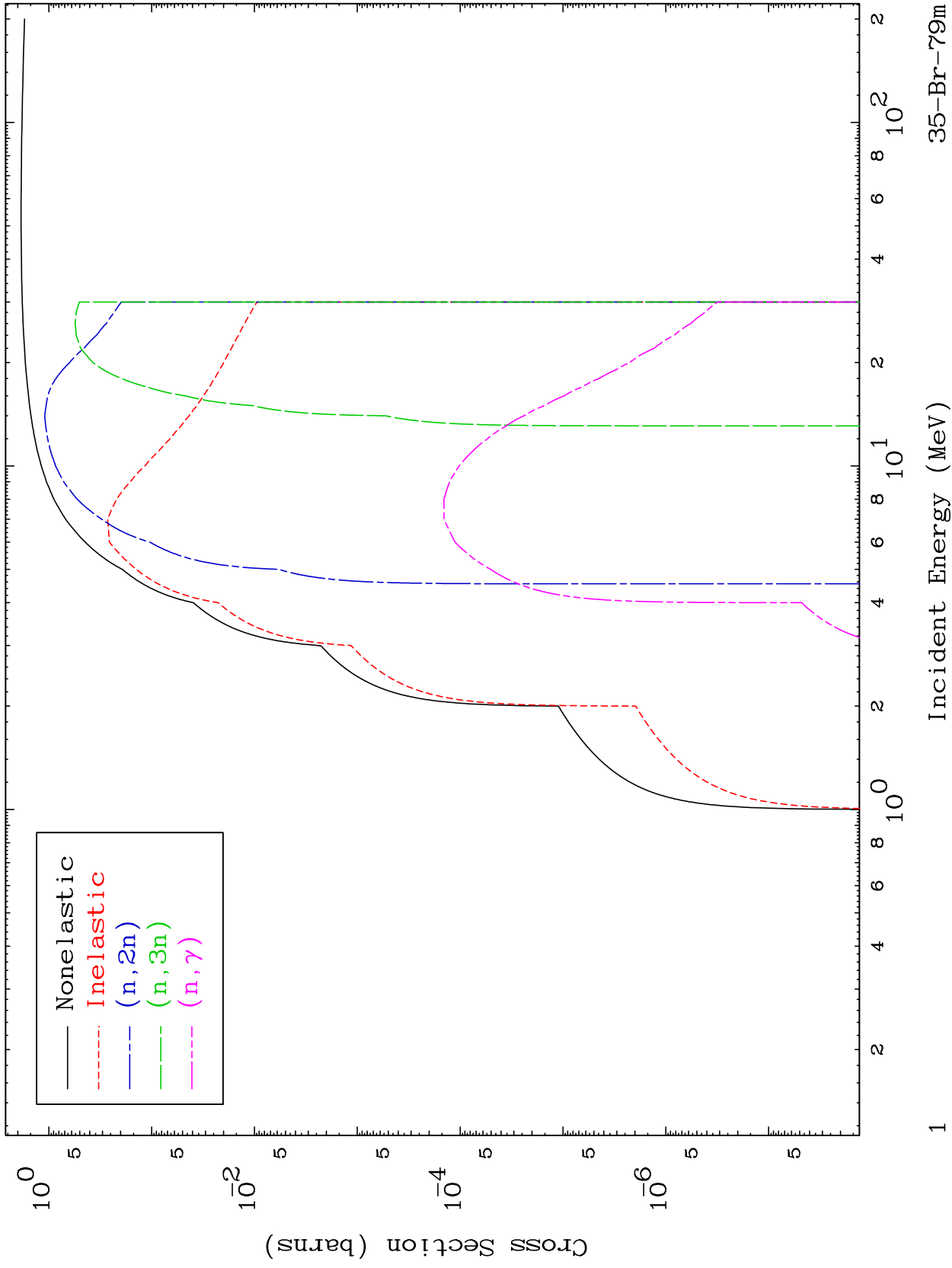
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Web: redcullen1.net/HOMEPAGE.NEW

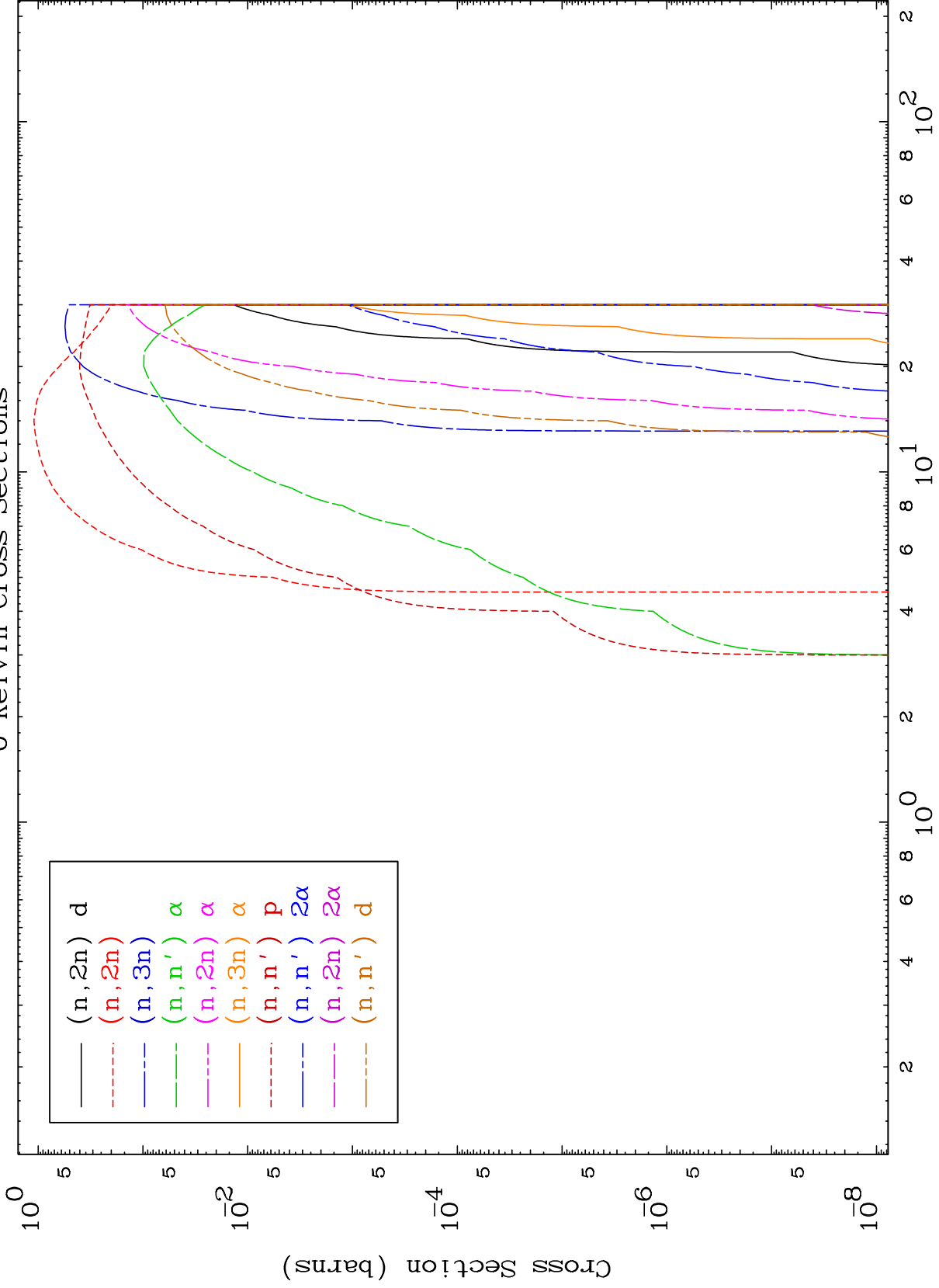
Press Mouse Button to Start

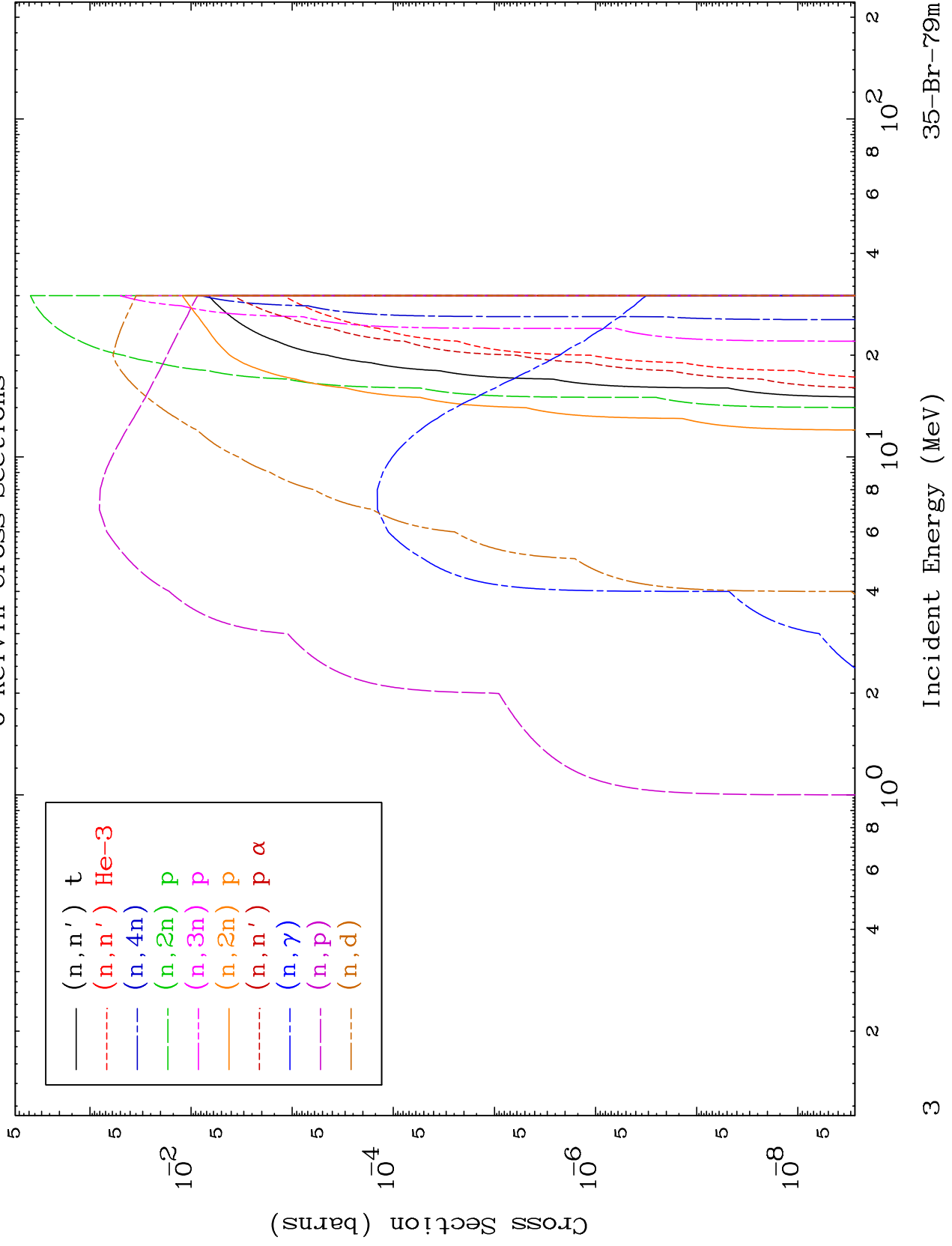


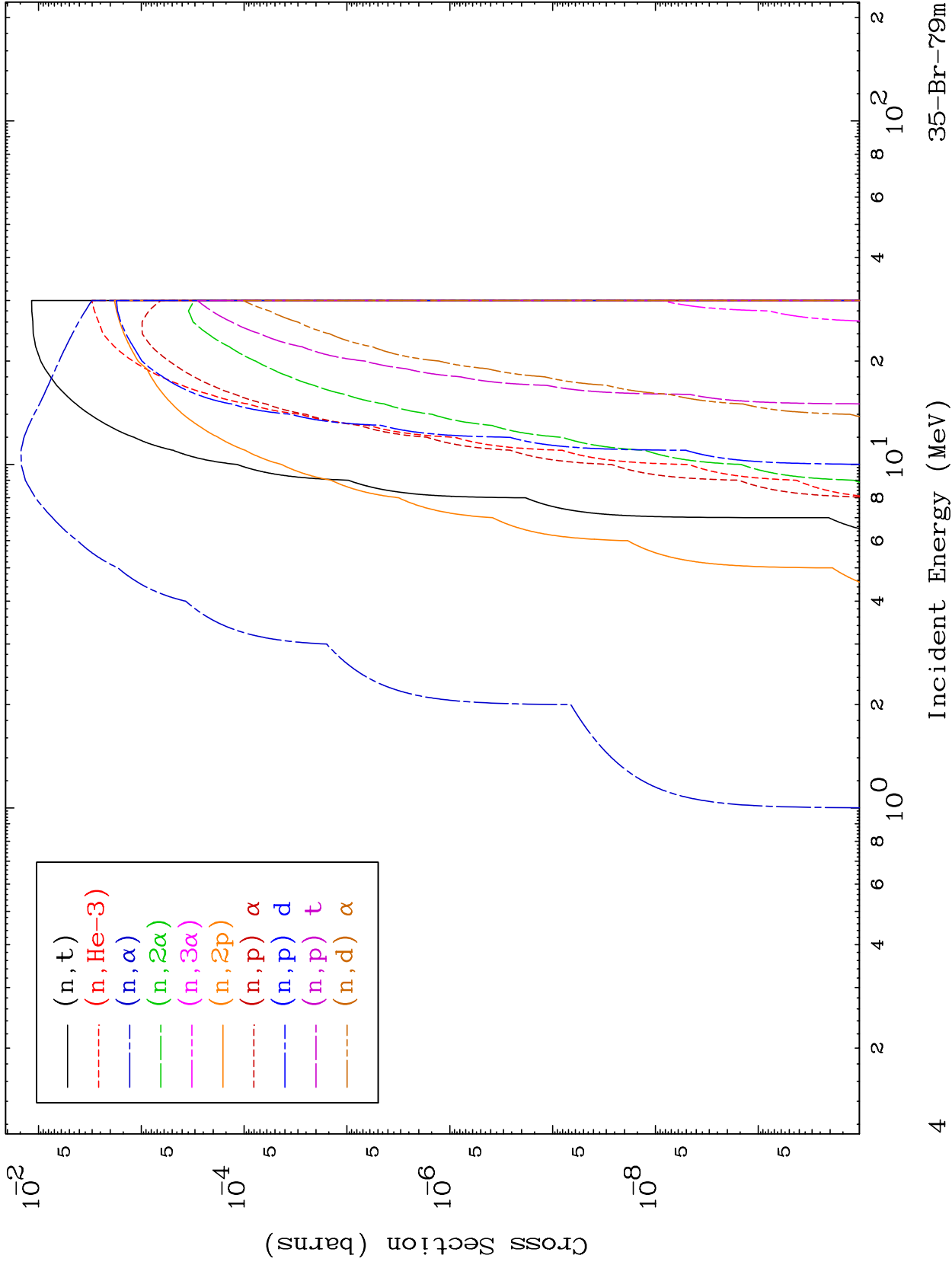
MAT 3526

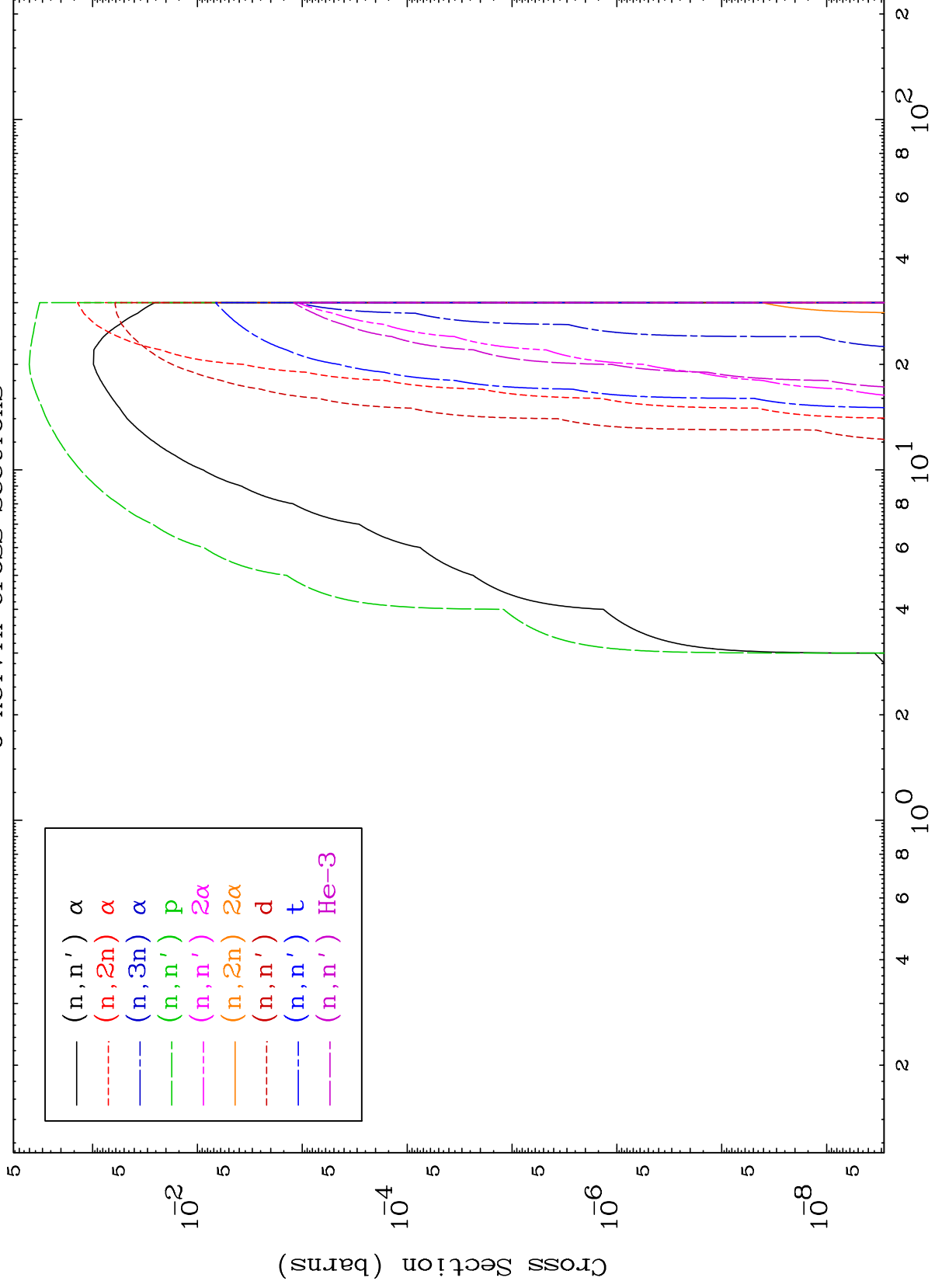
Deuteron Neutron Absorption
0 Kelvin Cross Sections

³⁵Br-79m





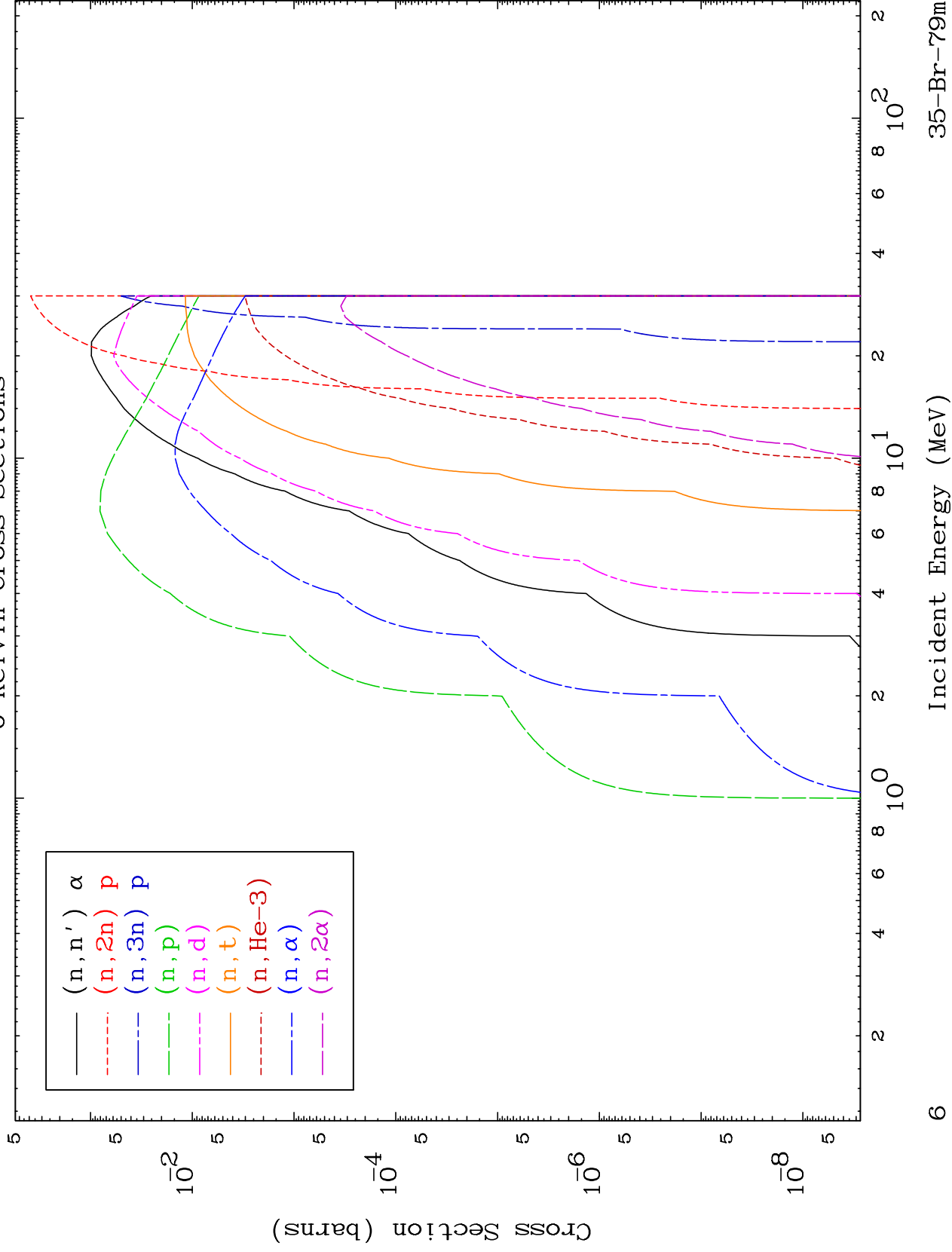




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Deuteron Charged Particle
0 Kelvin Cross Sections

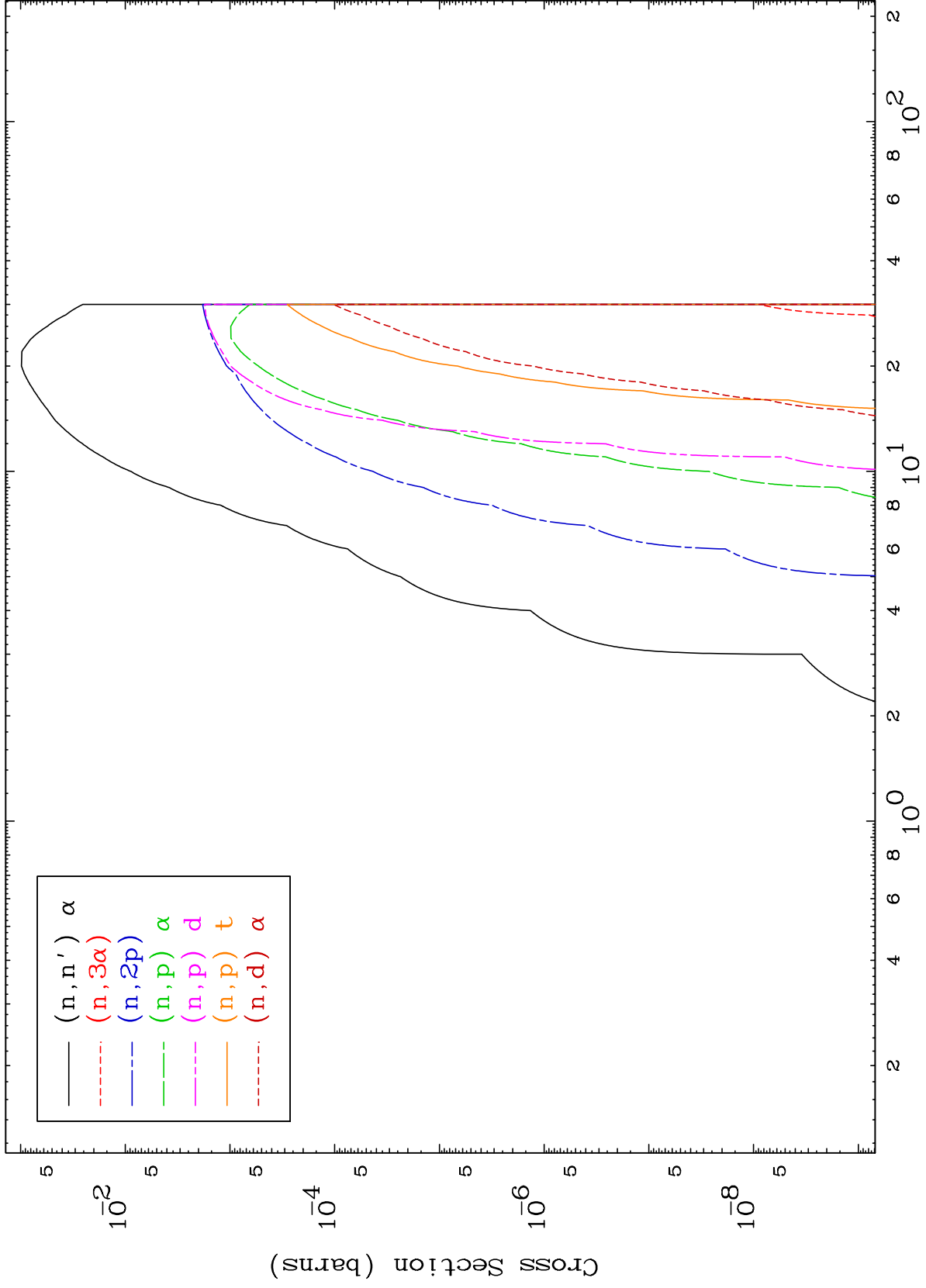
35-Br-79m



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Deuteron Charged Particle
0 Kelvin Cross Sections

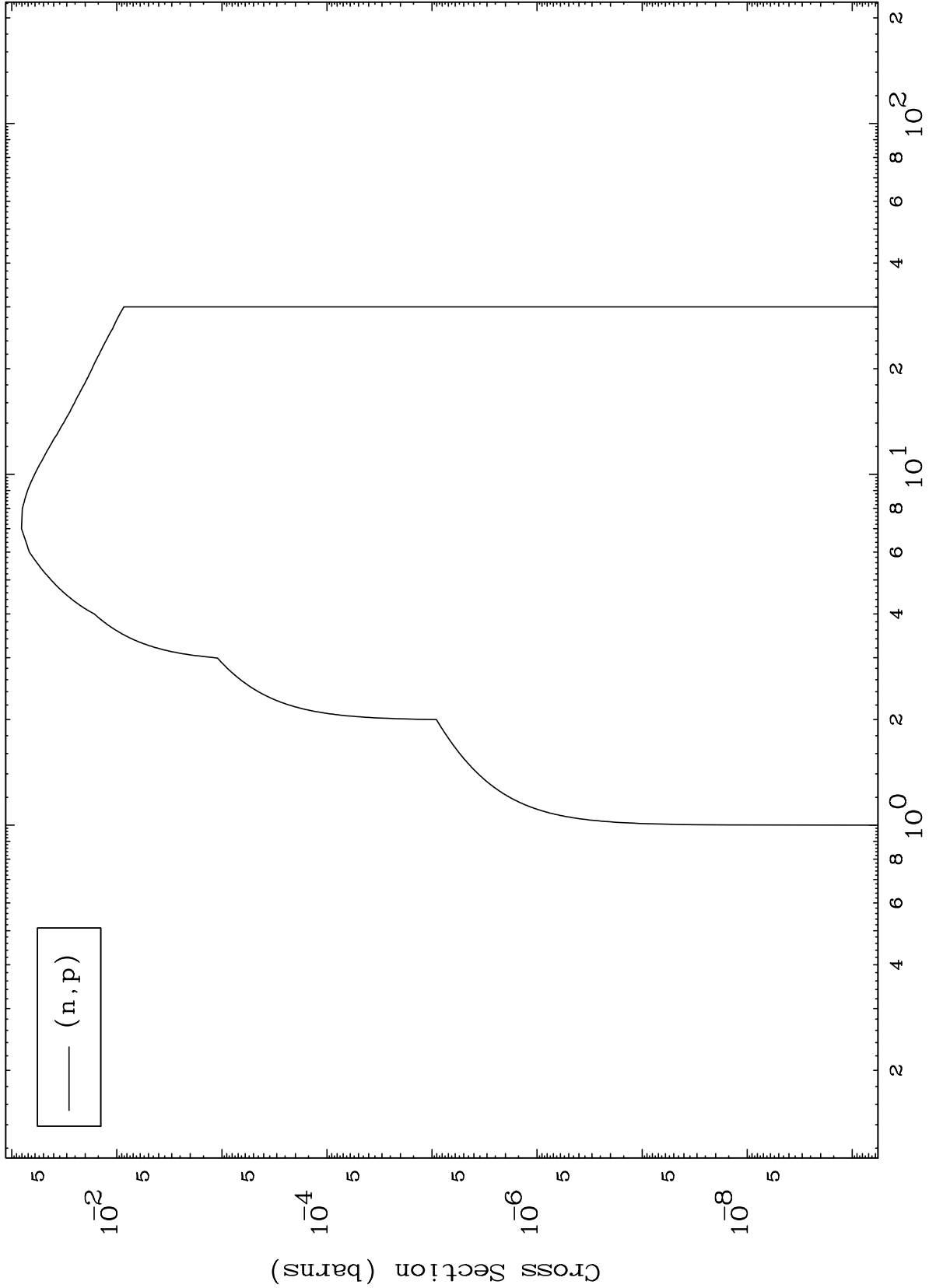
35-Br-79m



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35-Br-79m

(d,p) Levels
0 Kelvin Cross Sections

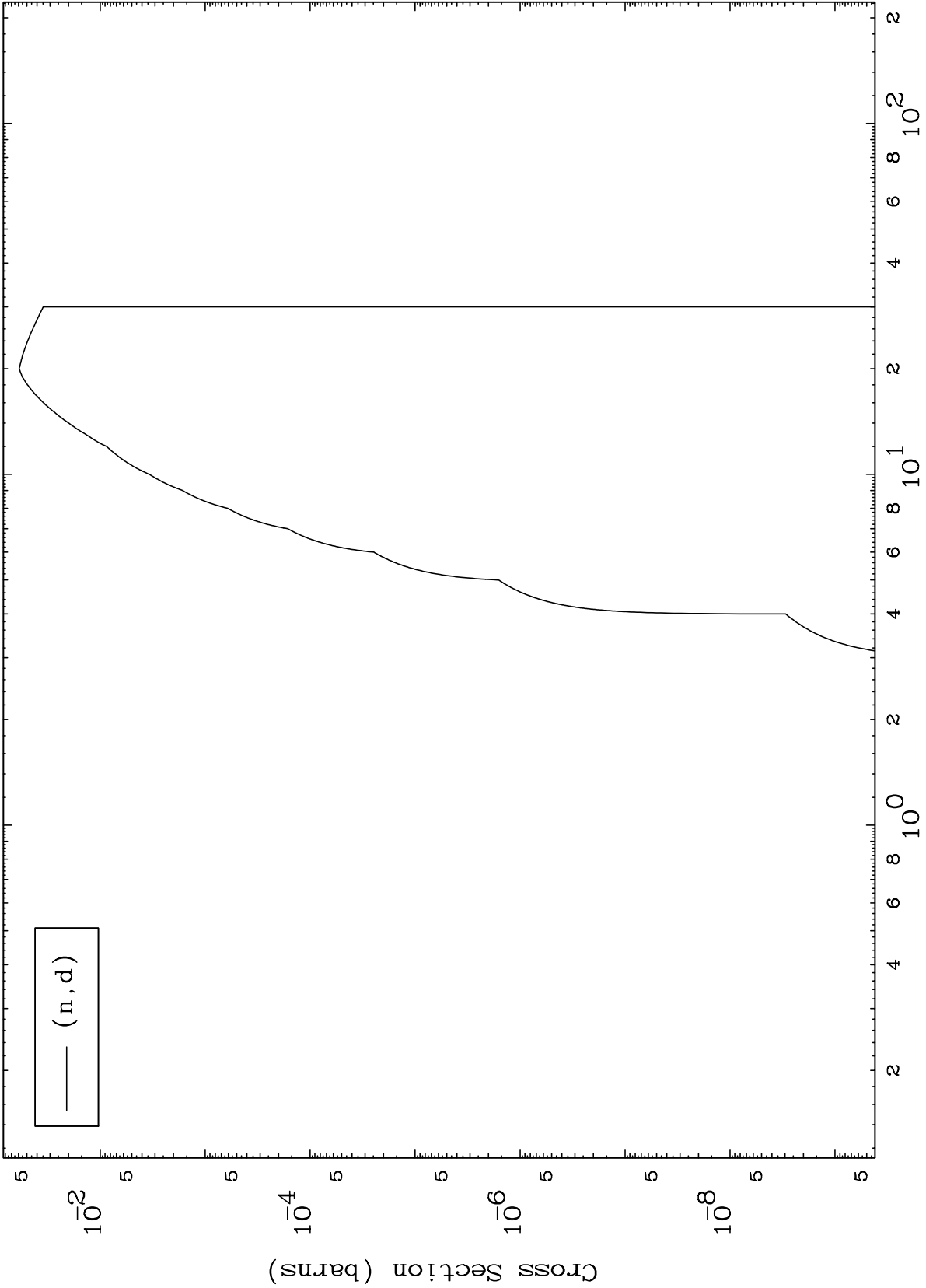


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(d,d) Levels

35-Br-79m

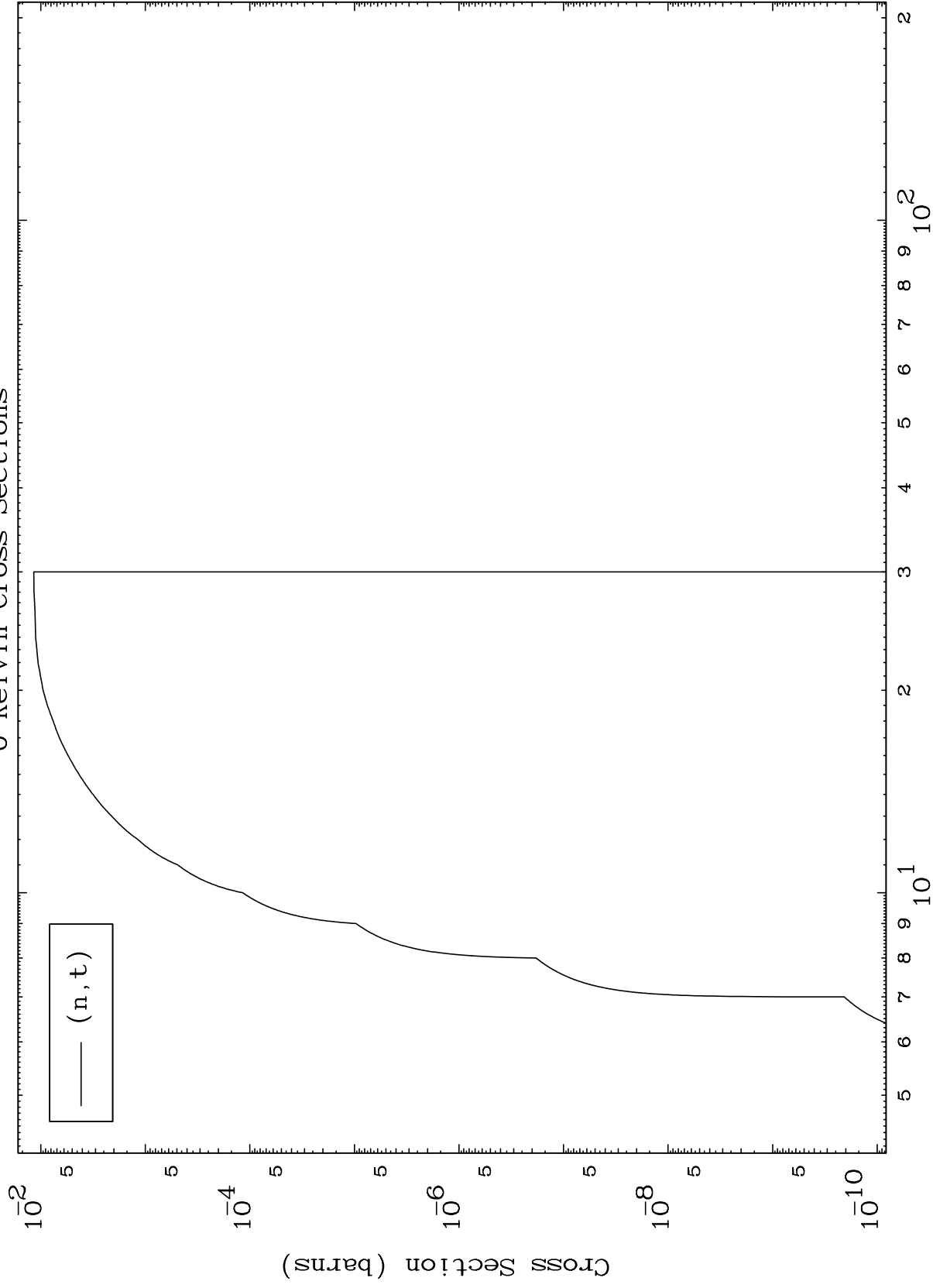
0 Kelvin Cross Sections



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(d,t) Levels
0 Kelvin Cross Sections

35-Br-79m



10

Incident Energy (MeV)

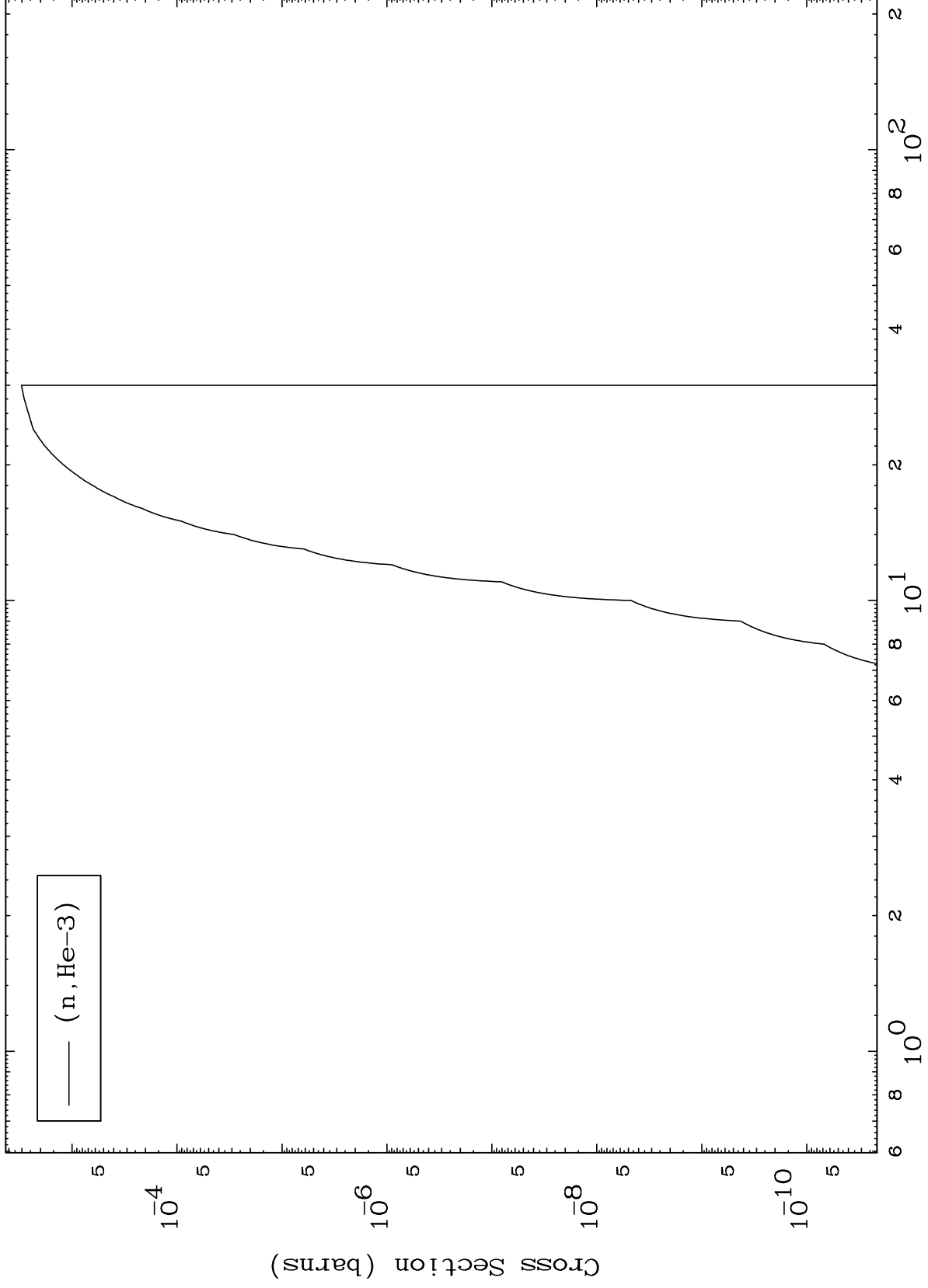
35-Br-79m

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(d,He3) Levels

35-Br-79m

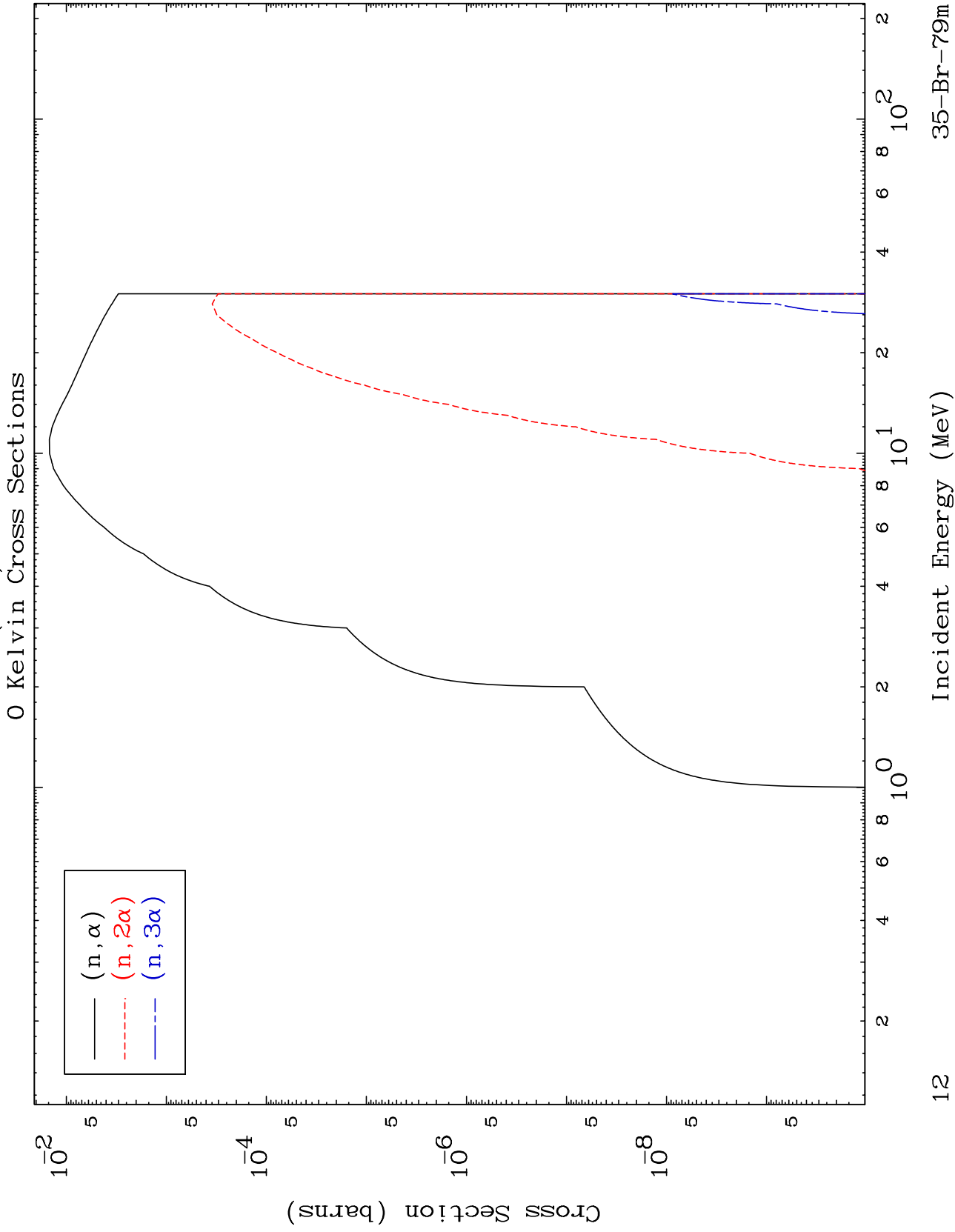
0 Kelvin Cross Sections

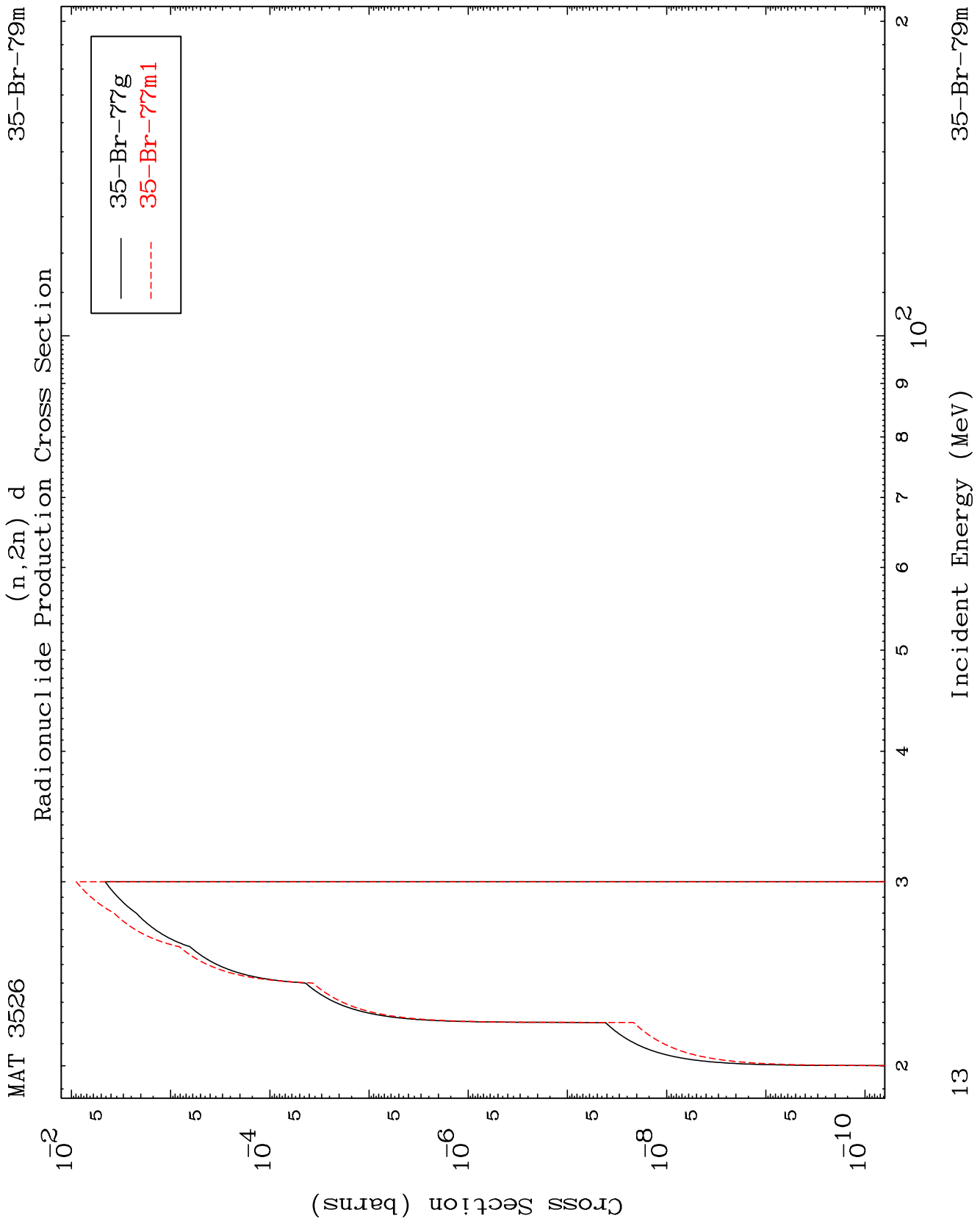


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(d, α) Levels

35-Br-79m



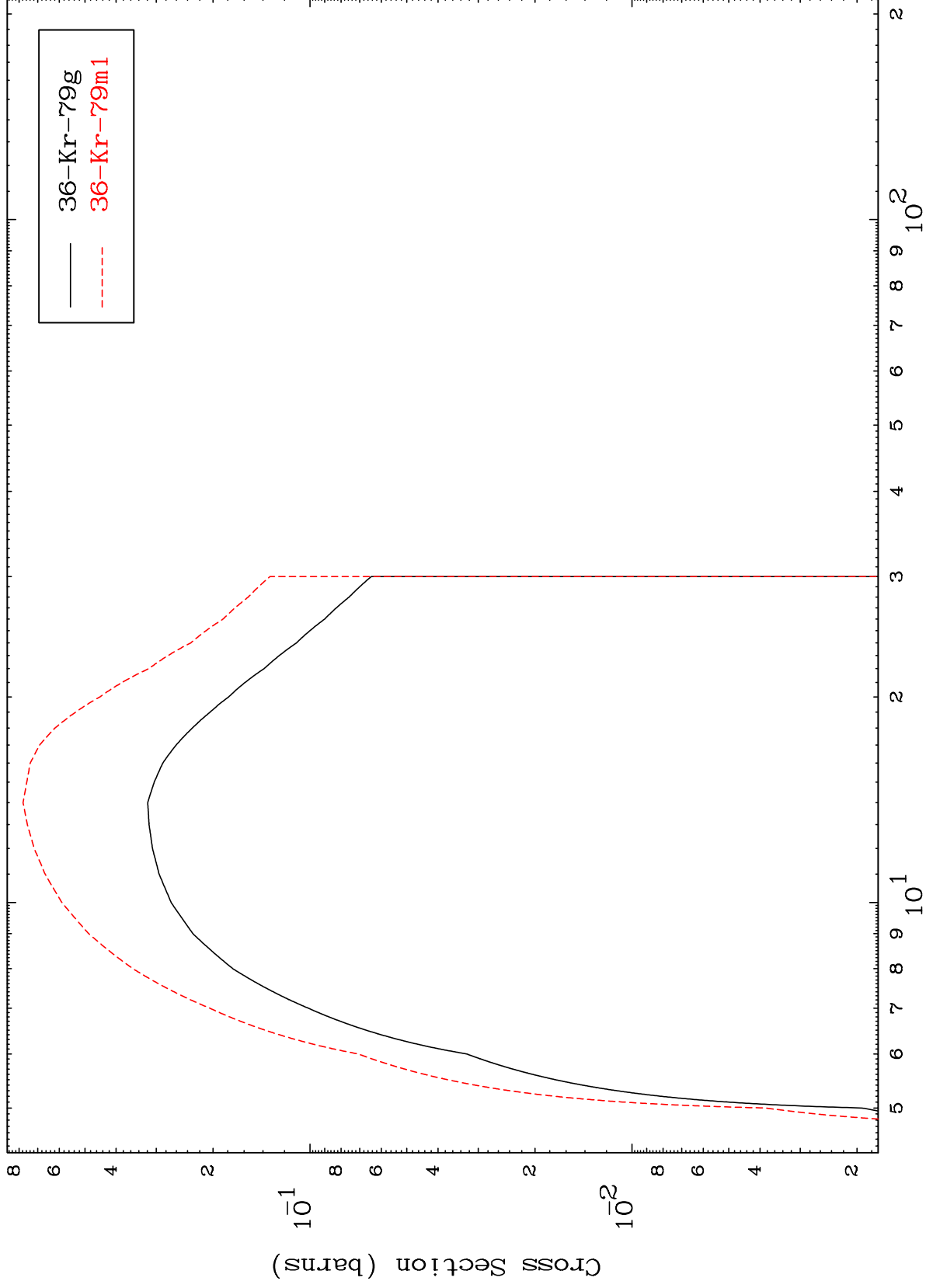


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(n,2n)

35-Br-79m

Radionuclide Production Cross Section



14

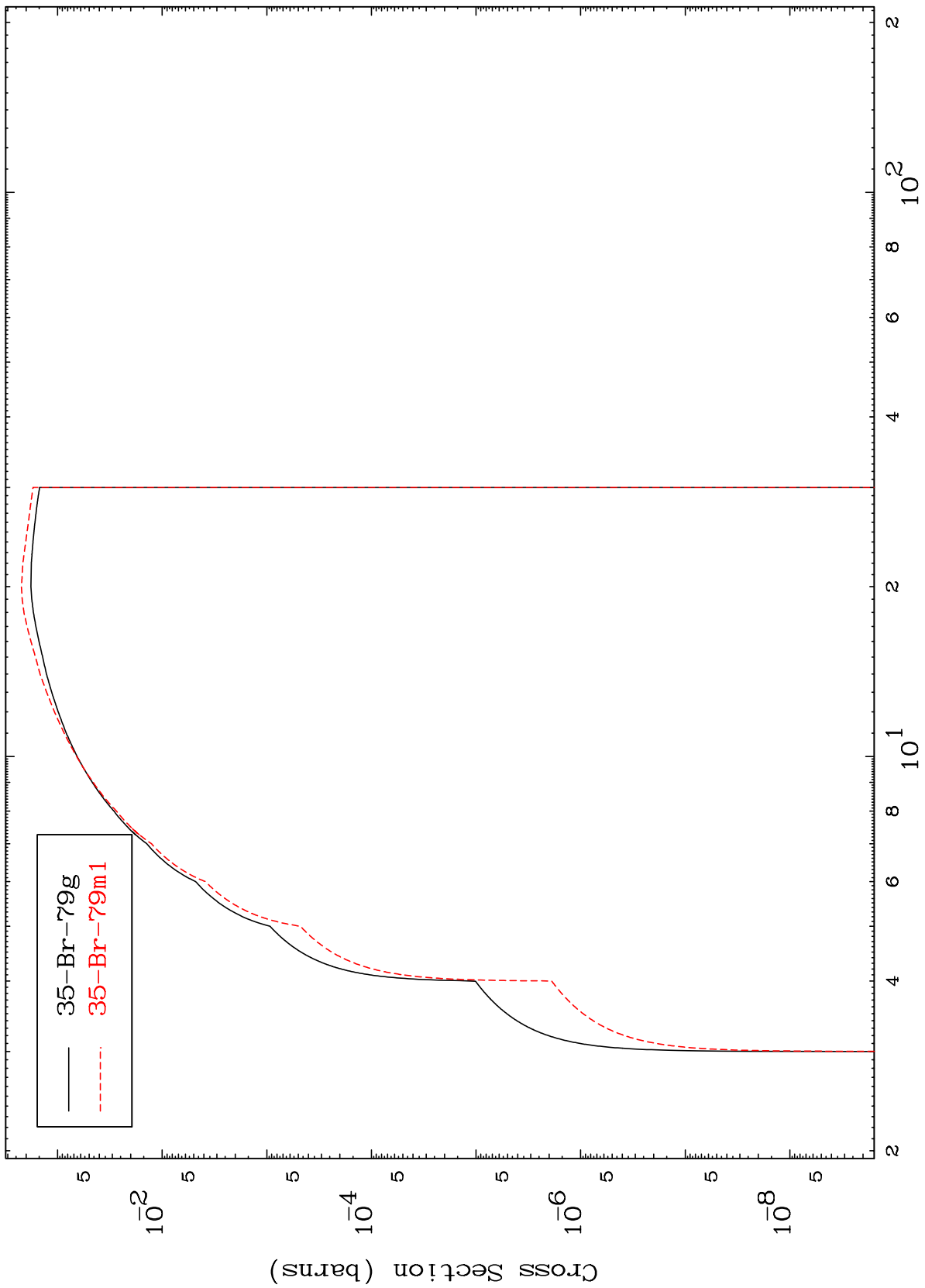
Incident Energy (MeV)

35-Br-79m

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³⁵Br-79m

Radionuclide Production Cross Section



³⁵Br-79m

Incident Energy (MeV)

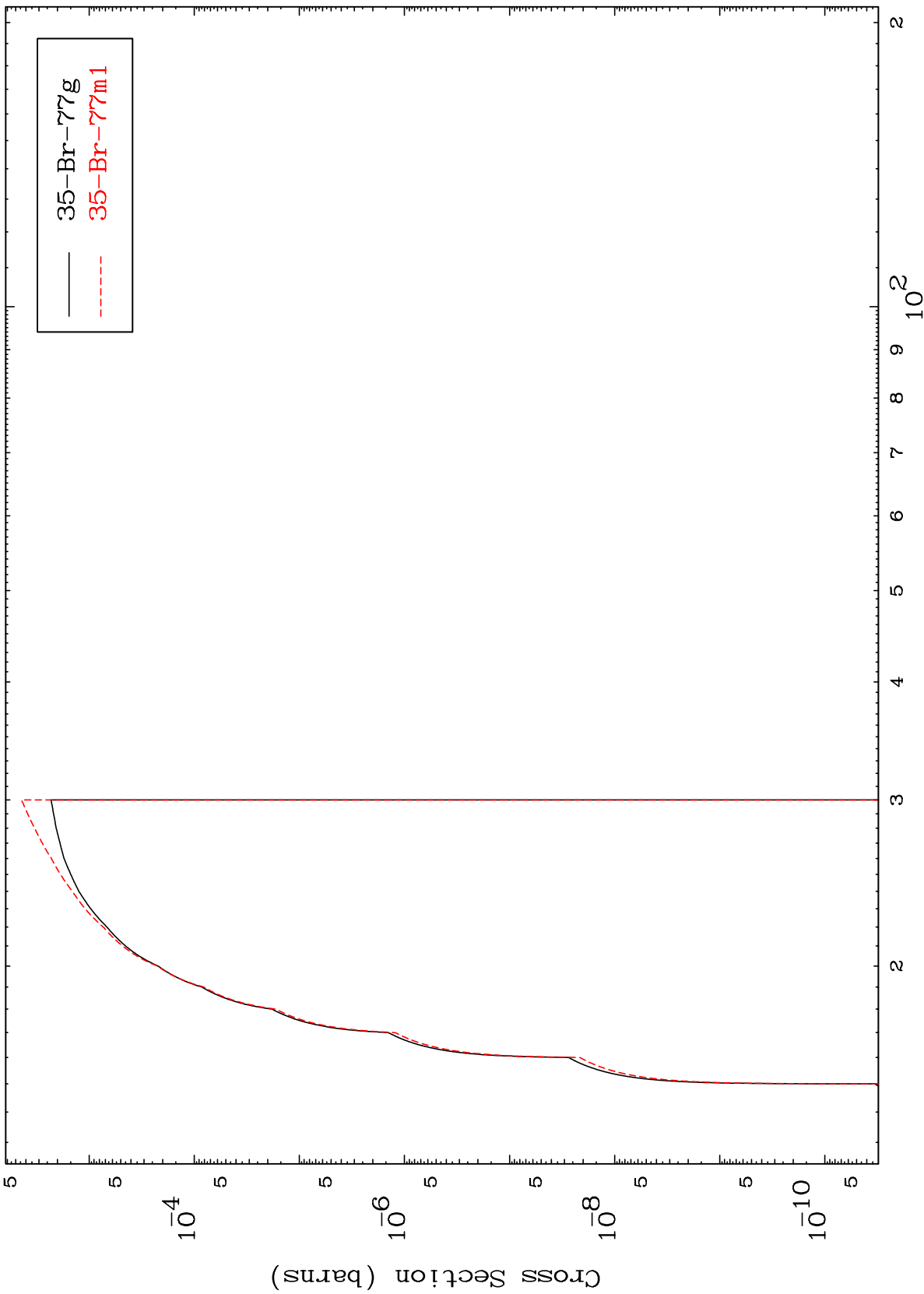
15

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(n,n') t

35-Br-79m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

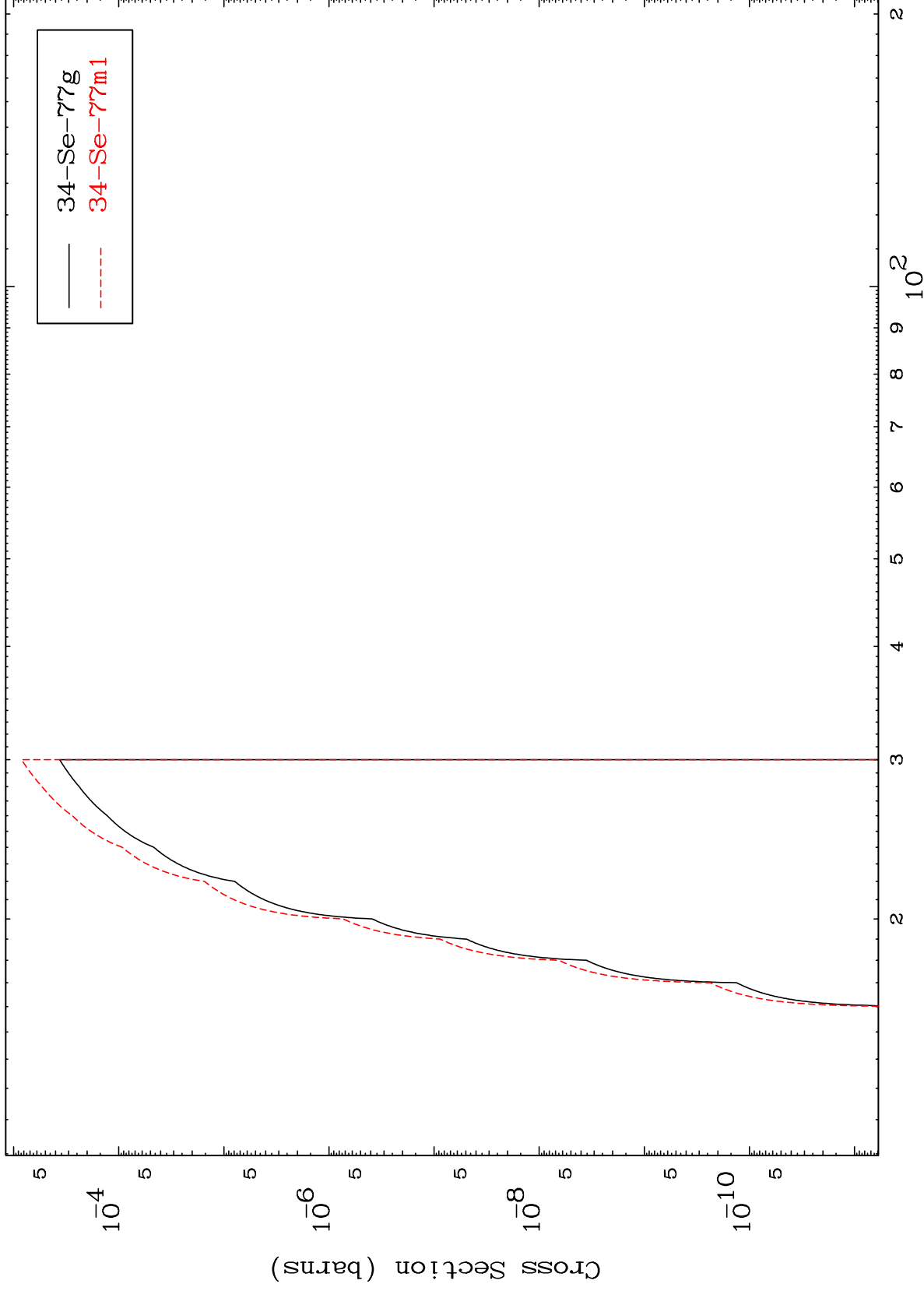
35-Br-79m

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(n,n') He-3

35-Br-79m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

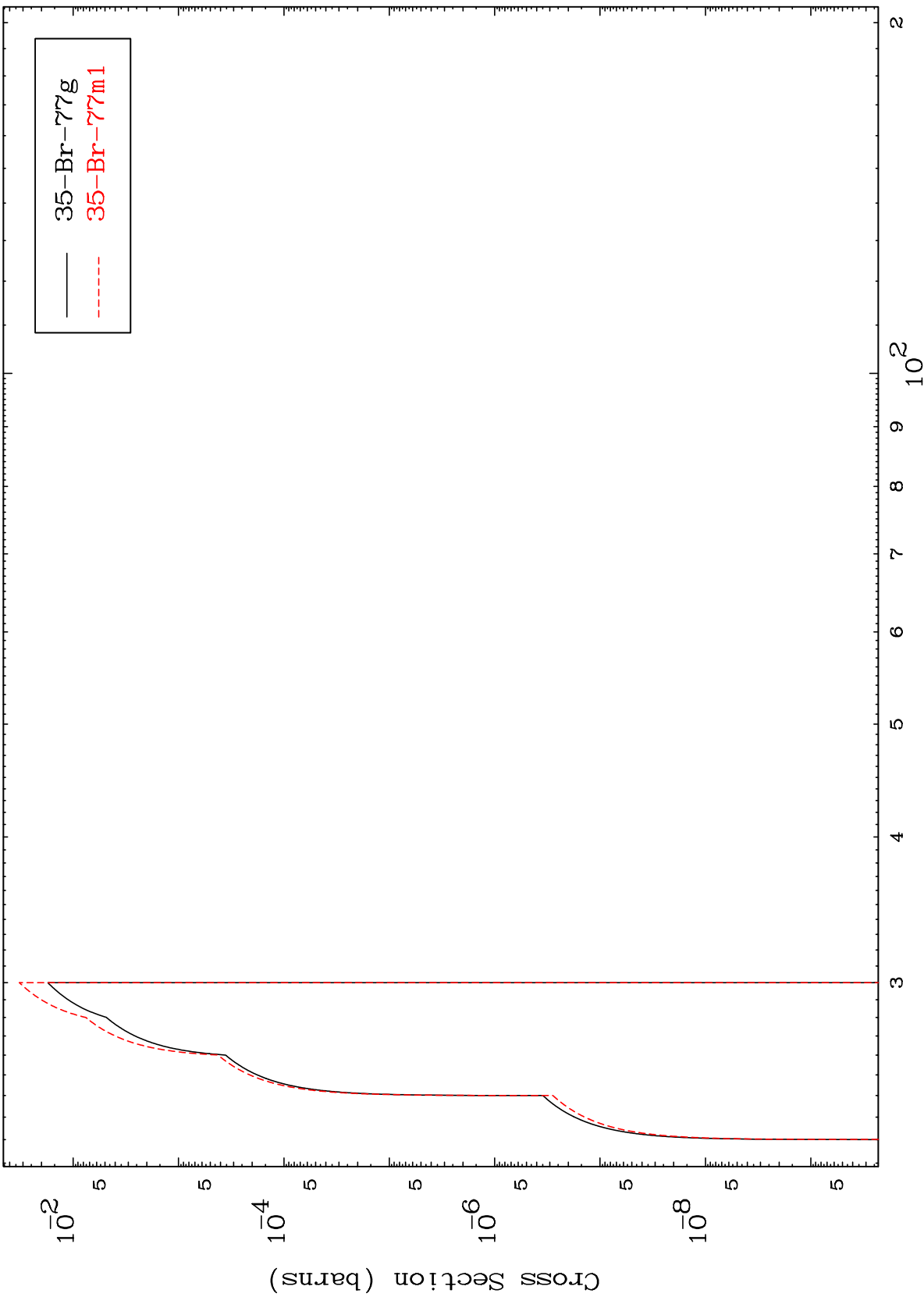
35-Br-79m

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(n,3n) p

35-Br-79m

Radionuclide Production Cross Section



18

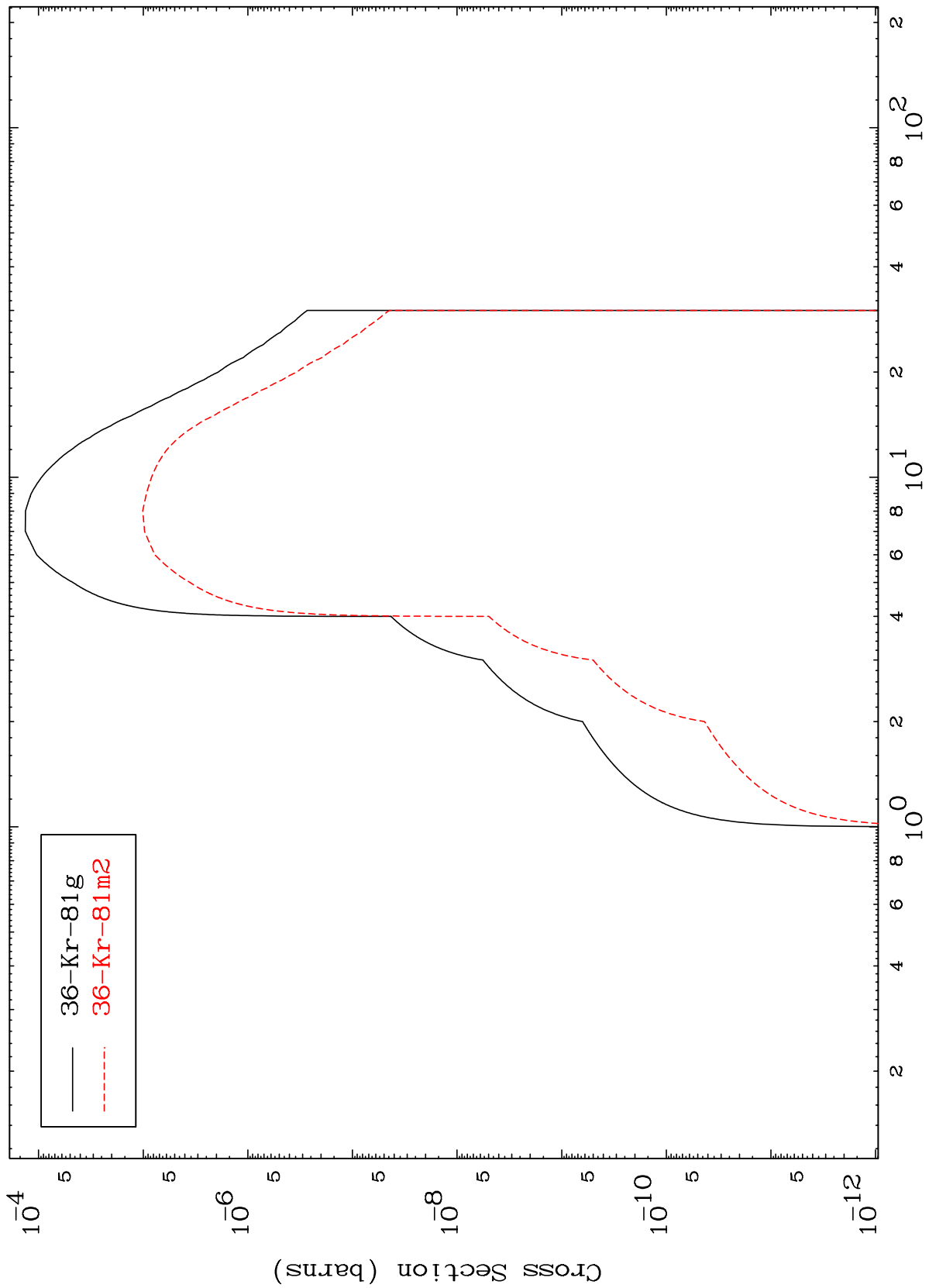
Incident Energy (MeV)

35-Br-79m

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35-Br-79m

(n, γ)
Radionuclide Production Cross Section



— 36-Kr-81g
- - - 36-Kr-81m2

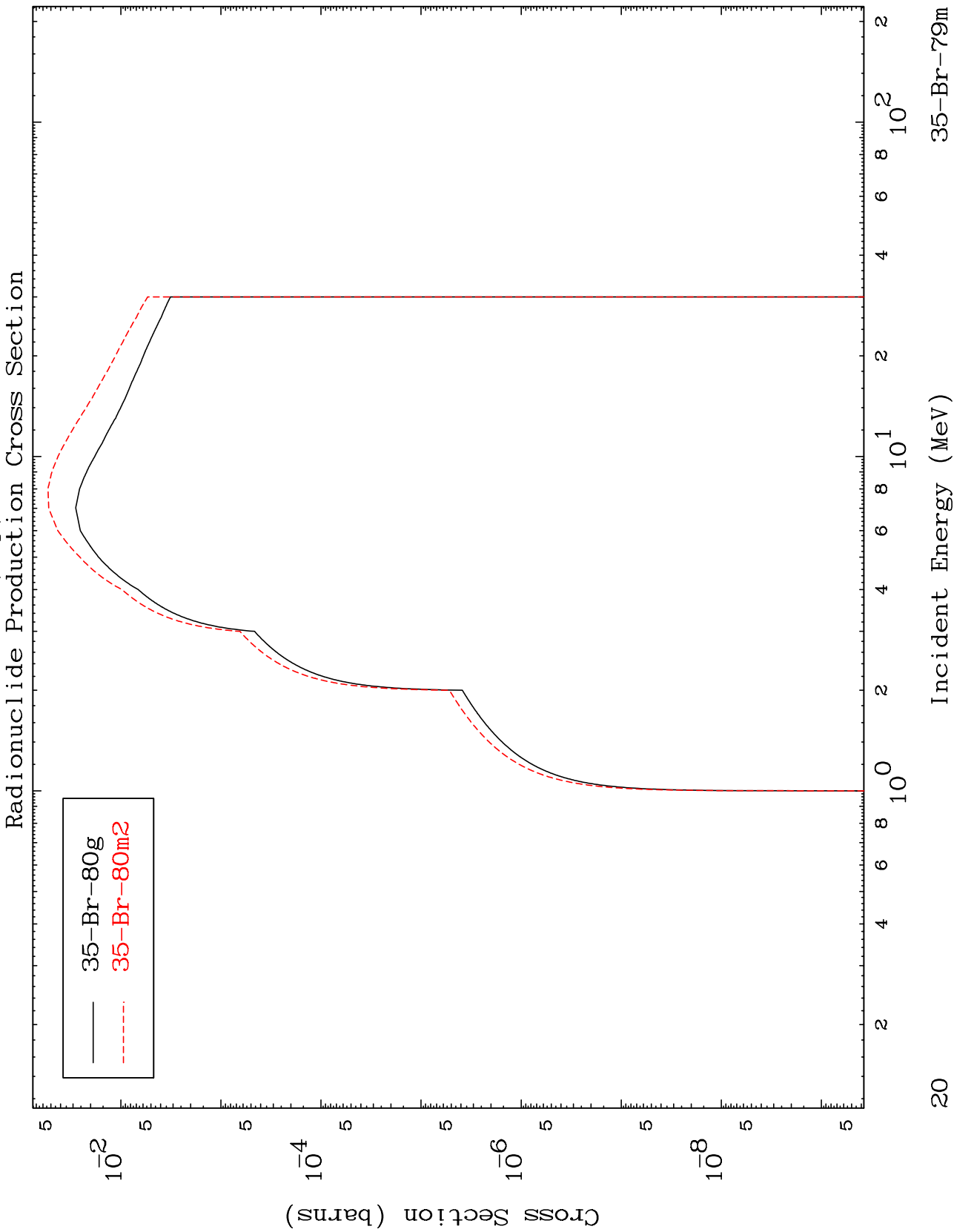
35-Br-79m

Incident Energy (MeV)

19

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$^{35}\text{Br-79m}$



20

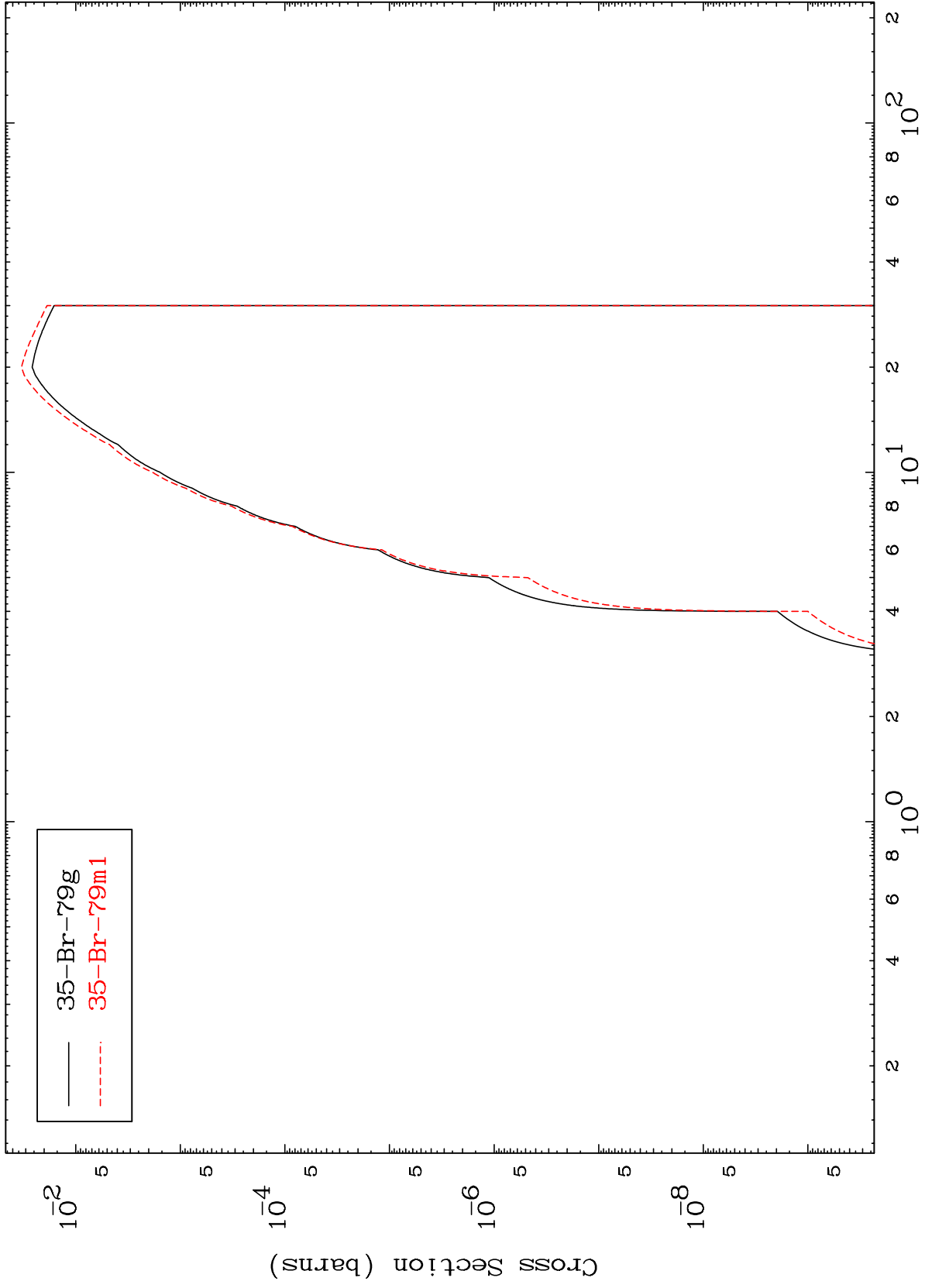
$^{35}\text{Br-79m}$

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(n,d)

35-Br-79m

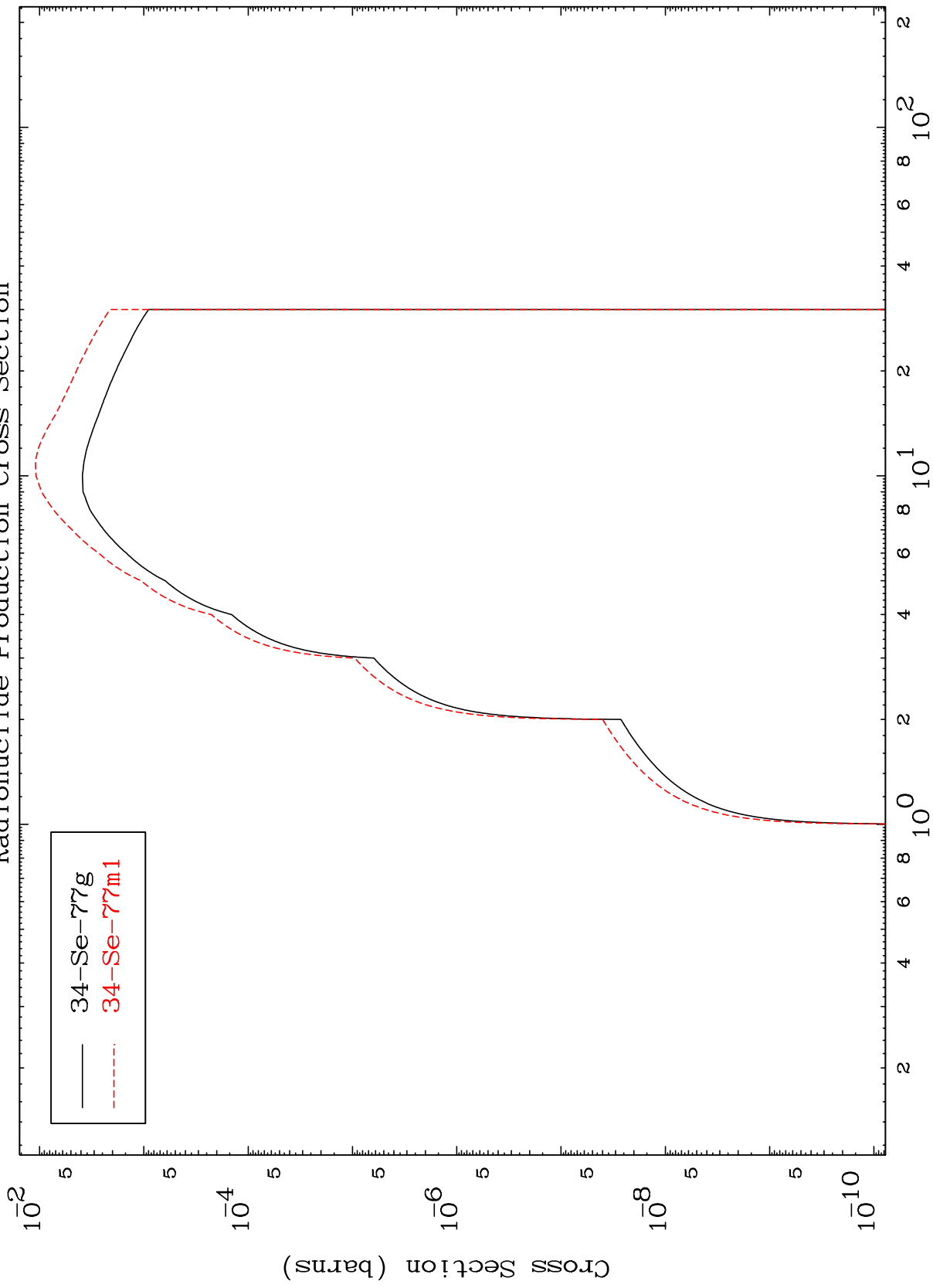
Radionuclide Production Cross Section



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35-Br-79m

Radionuclide Production Cross Section



Incident Energy (MeV)

35-Br-79m

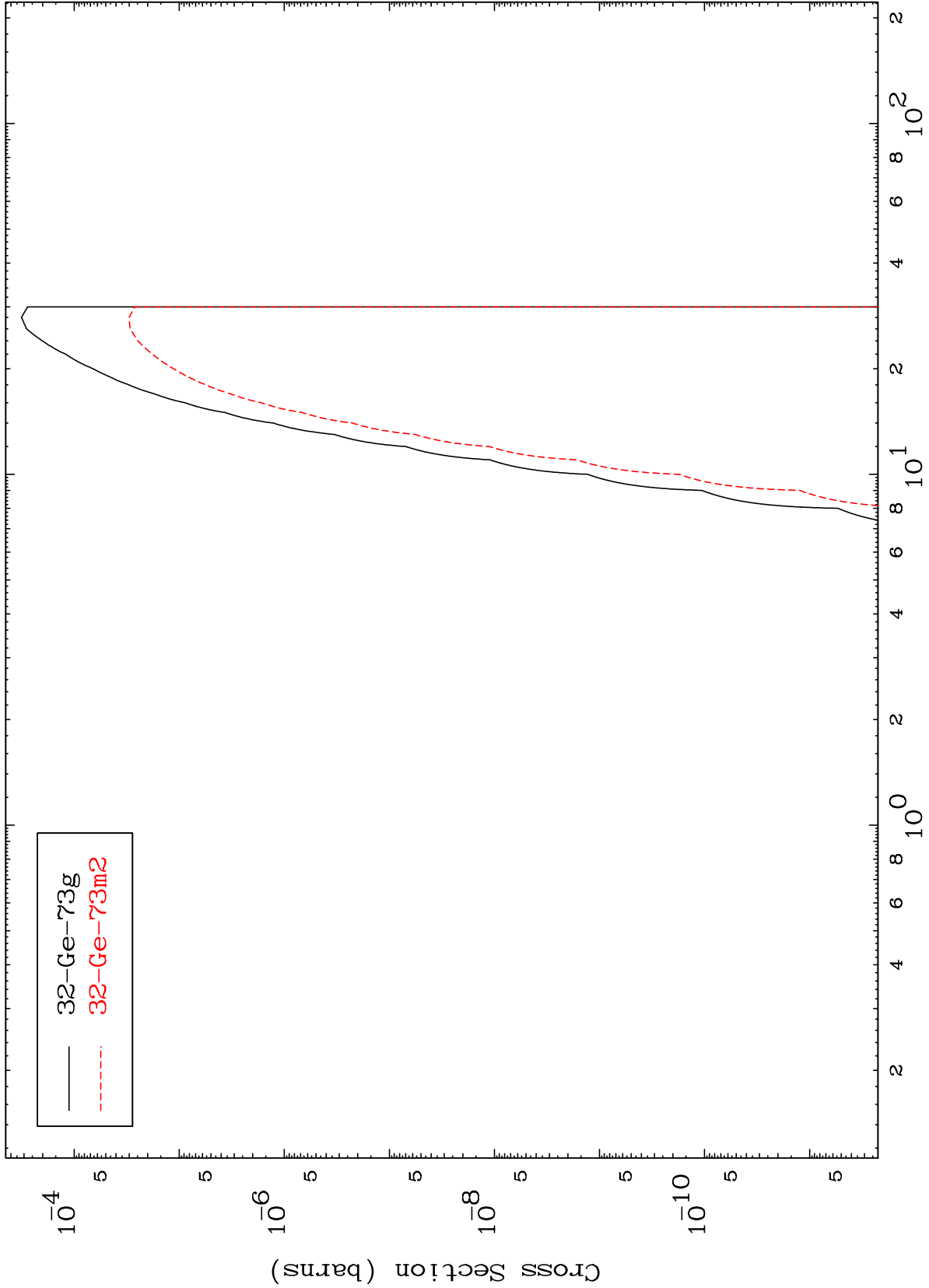
22

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(n,2α)

35-Br-79m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

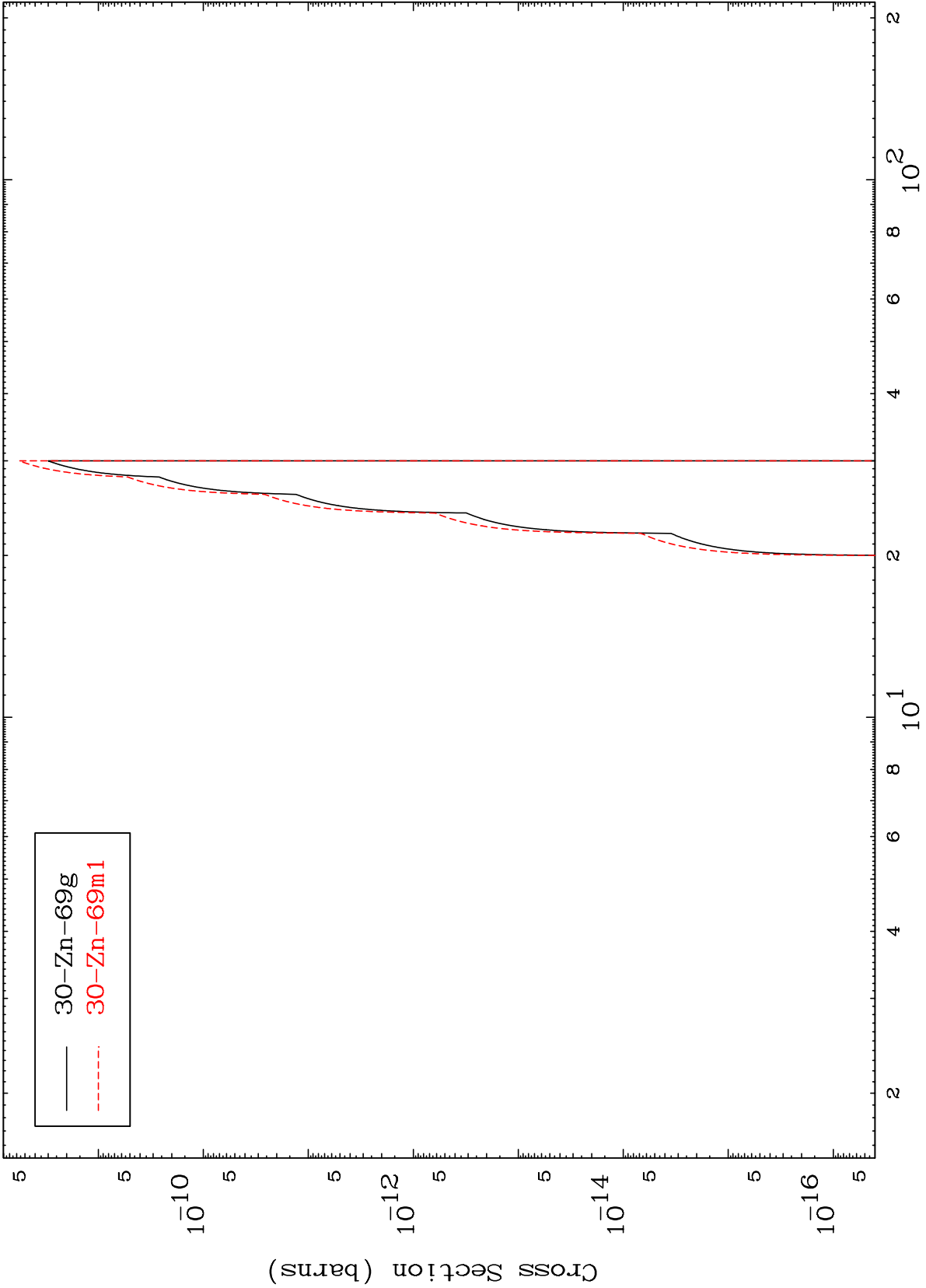
35-Br-79m

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$(n, 3\alpha)$

$^{35}\text{Br}-79\text{m}$

Radionuclide Production Cross Section



— 30-Zn-69g
- - - 30-Zn-69m1

24

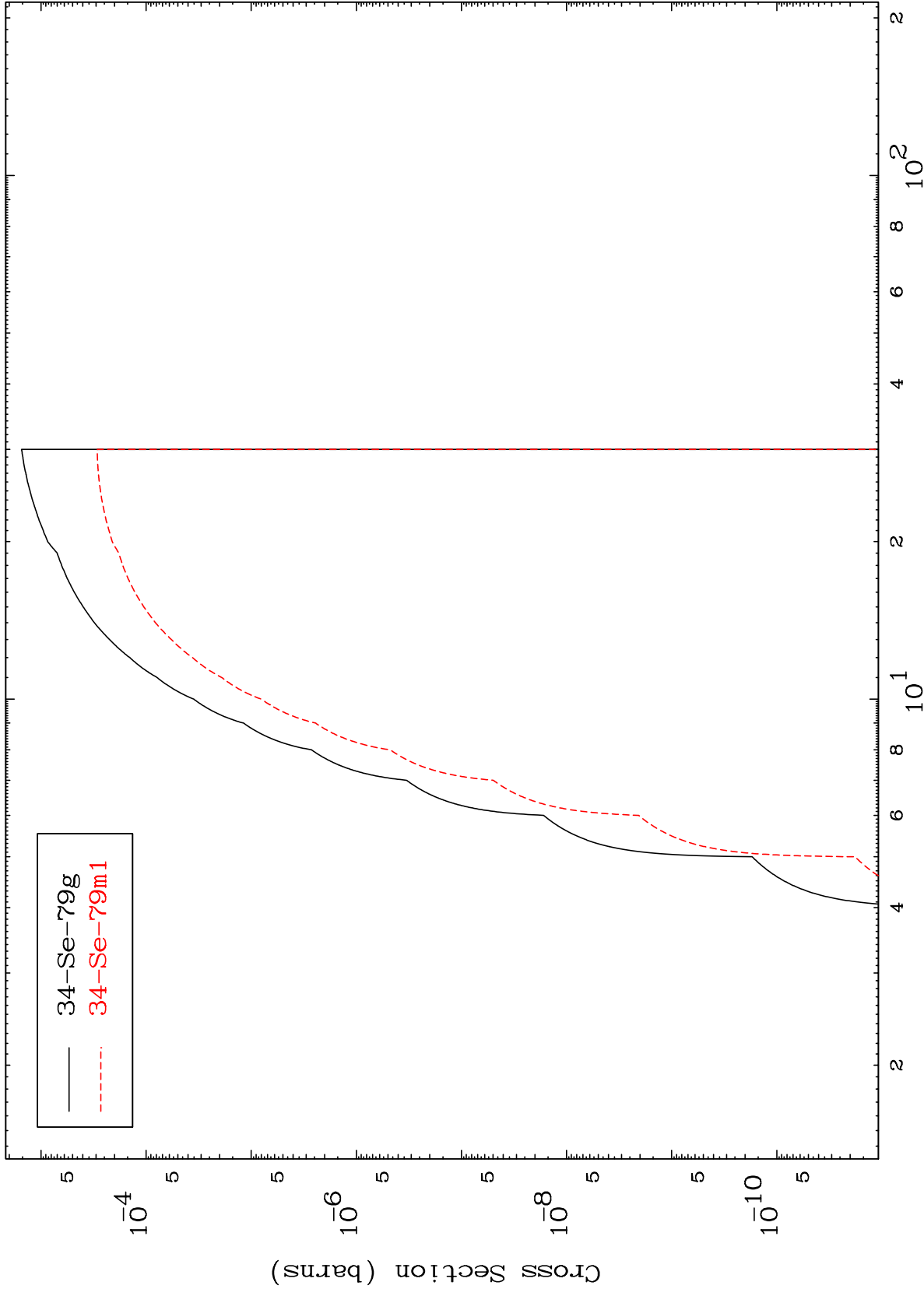
Incident Energy (MeV)

$^{35}\text{Br}-79\text{m}$

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³⁵Br-79m

(n,2p)
Radionuclide Production Cross Section



— 34-Se-79g
- - - 34-Se-79m1

25

Incident Energy (MeV)

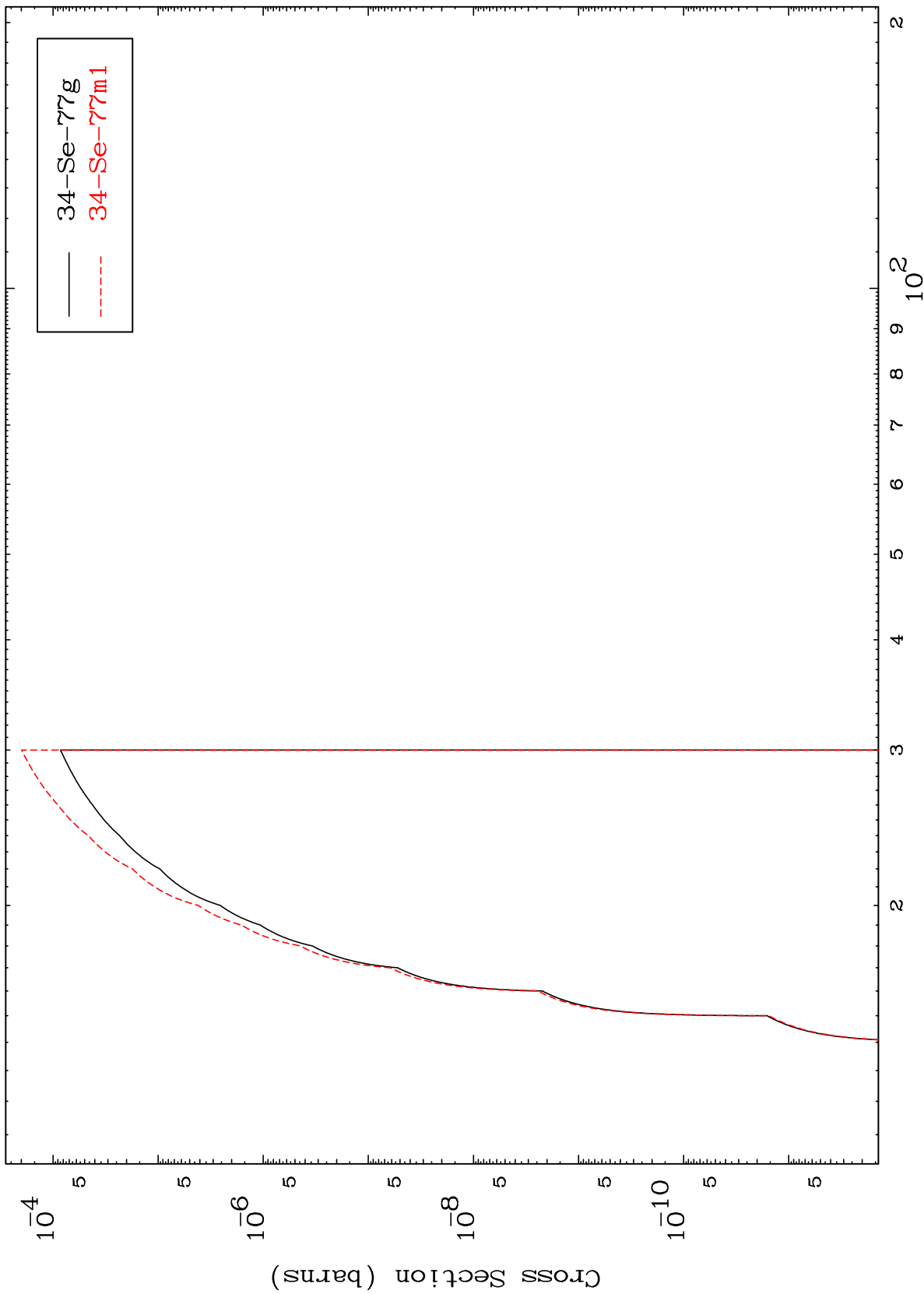
³⁵Br-79m

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(n,p) t

35-Br-79m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

35-Br-79m