

Program EVALPLOT  
(Version 2021-1)

by

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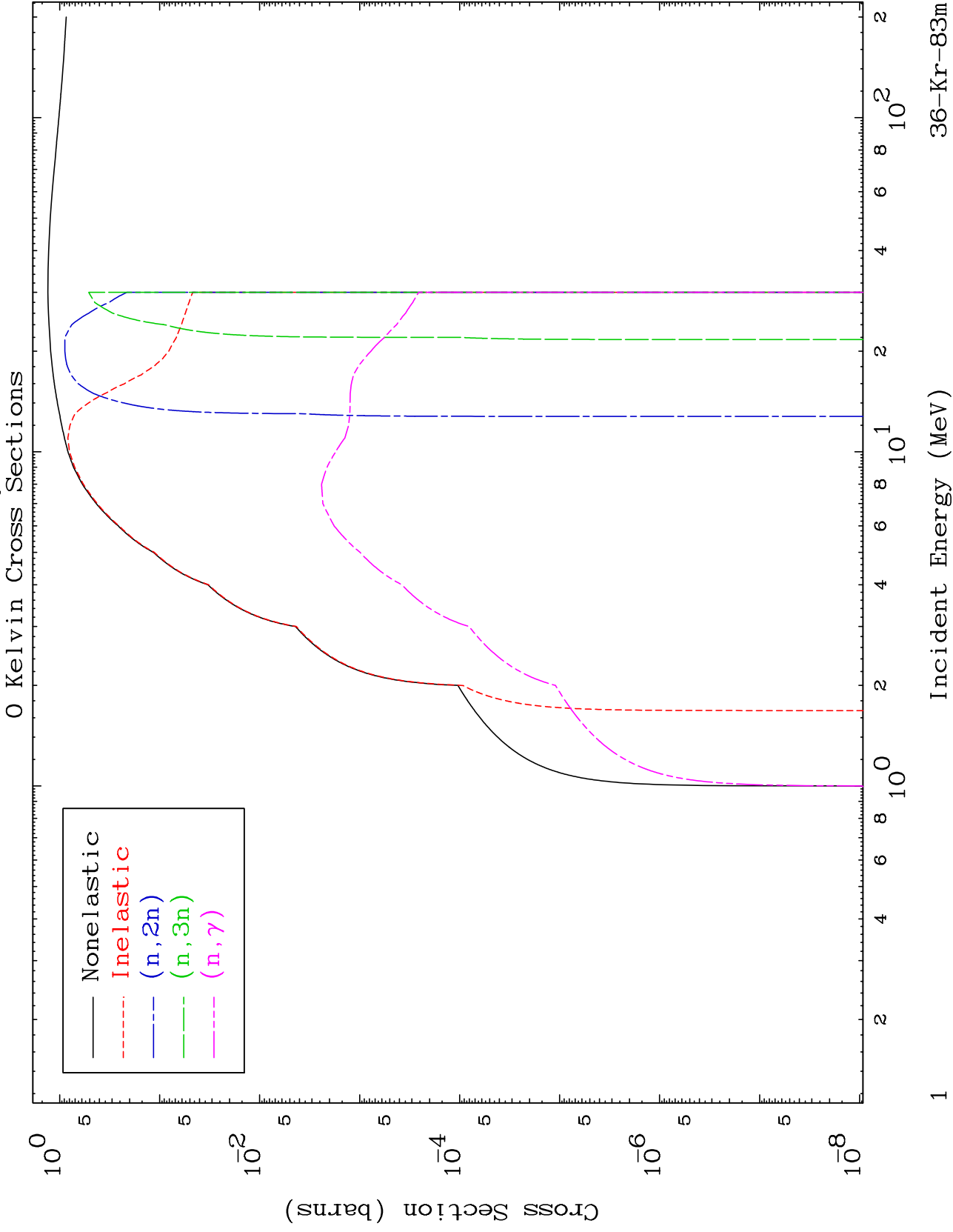
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3641

Proton Major

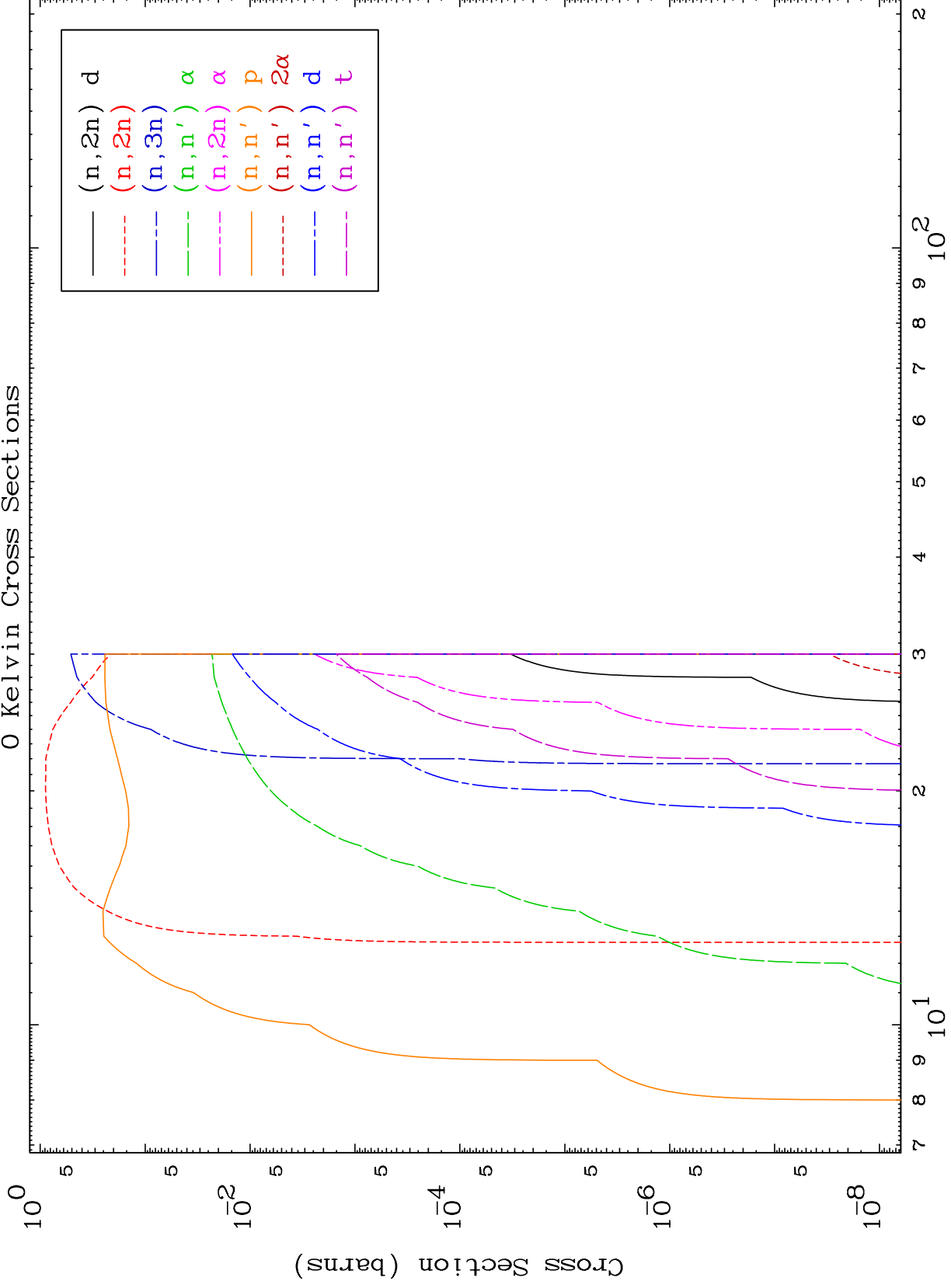
36-Kr-83m



MAT 3641

Proton Neutron Absorption  
0 Kelvin Cross Sections

36-Kr-83m



2

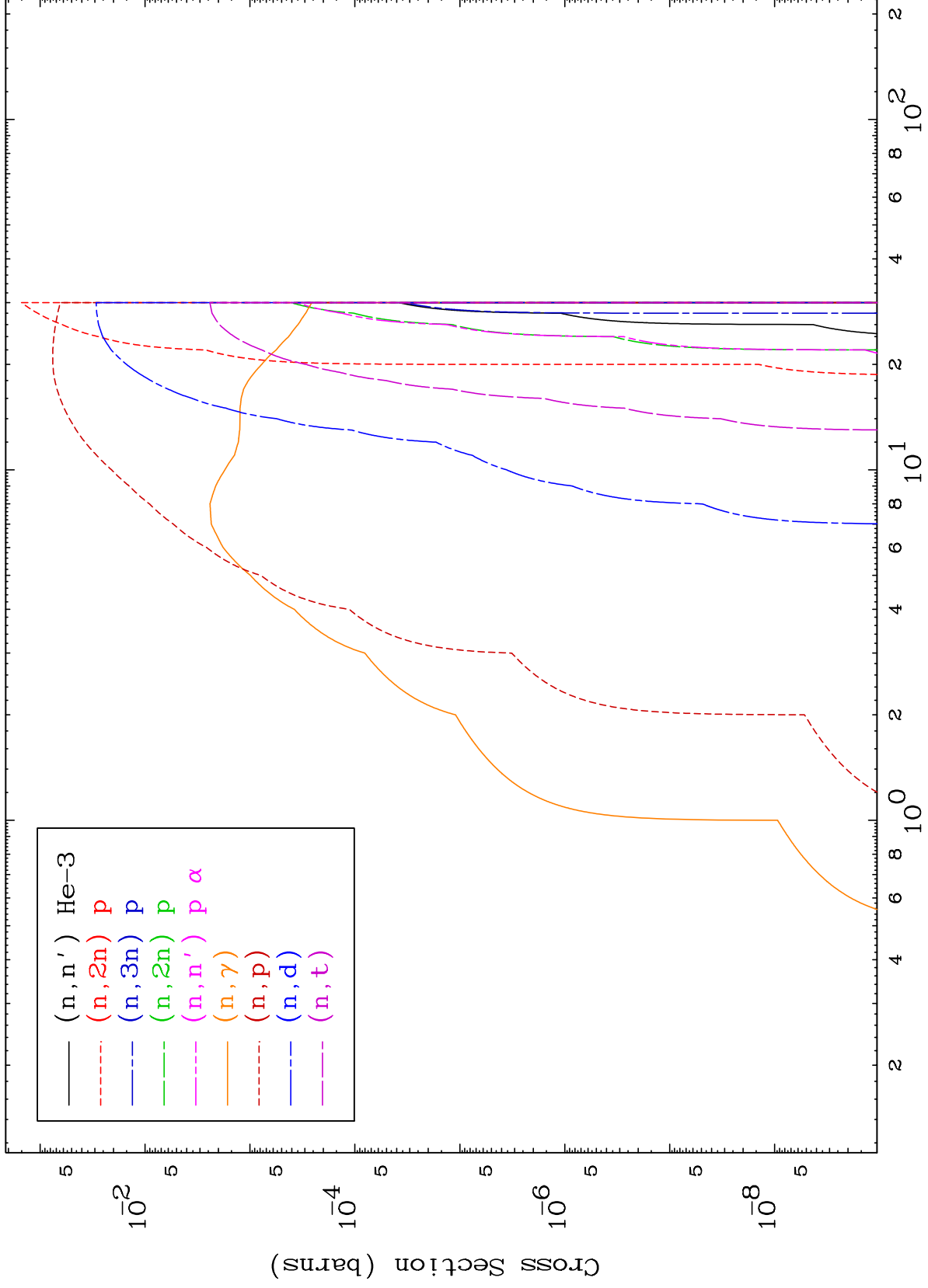
Incident Energy (MeV)

36-Kr-83m

MAT 3641

Proton Neutron Absorption  
0 Kelvin Cross Sections

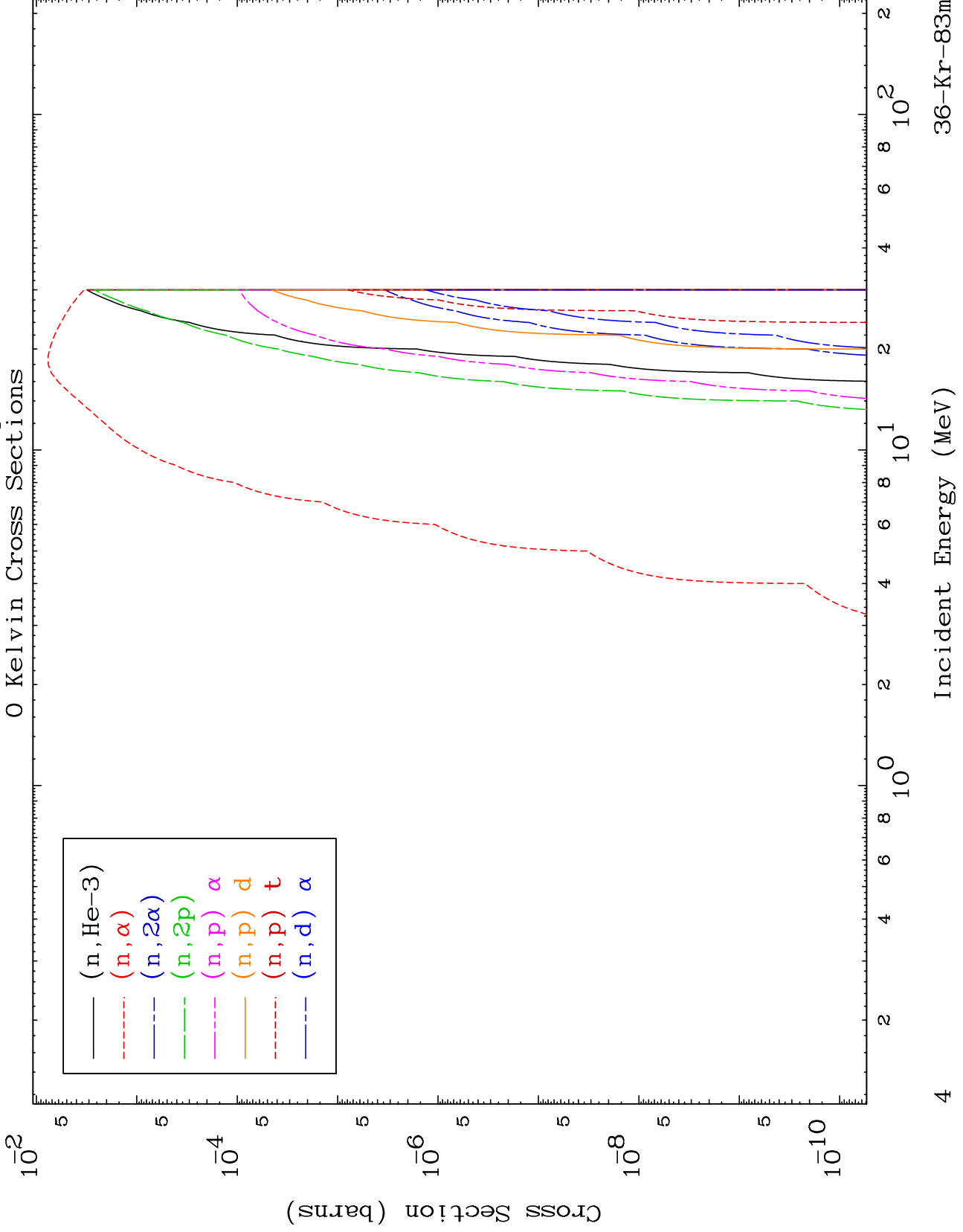
<sup>36</sup>Kr-83m



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Proton Neutron Absorption  
0 Kelvin Cross Sections

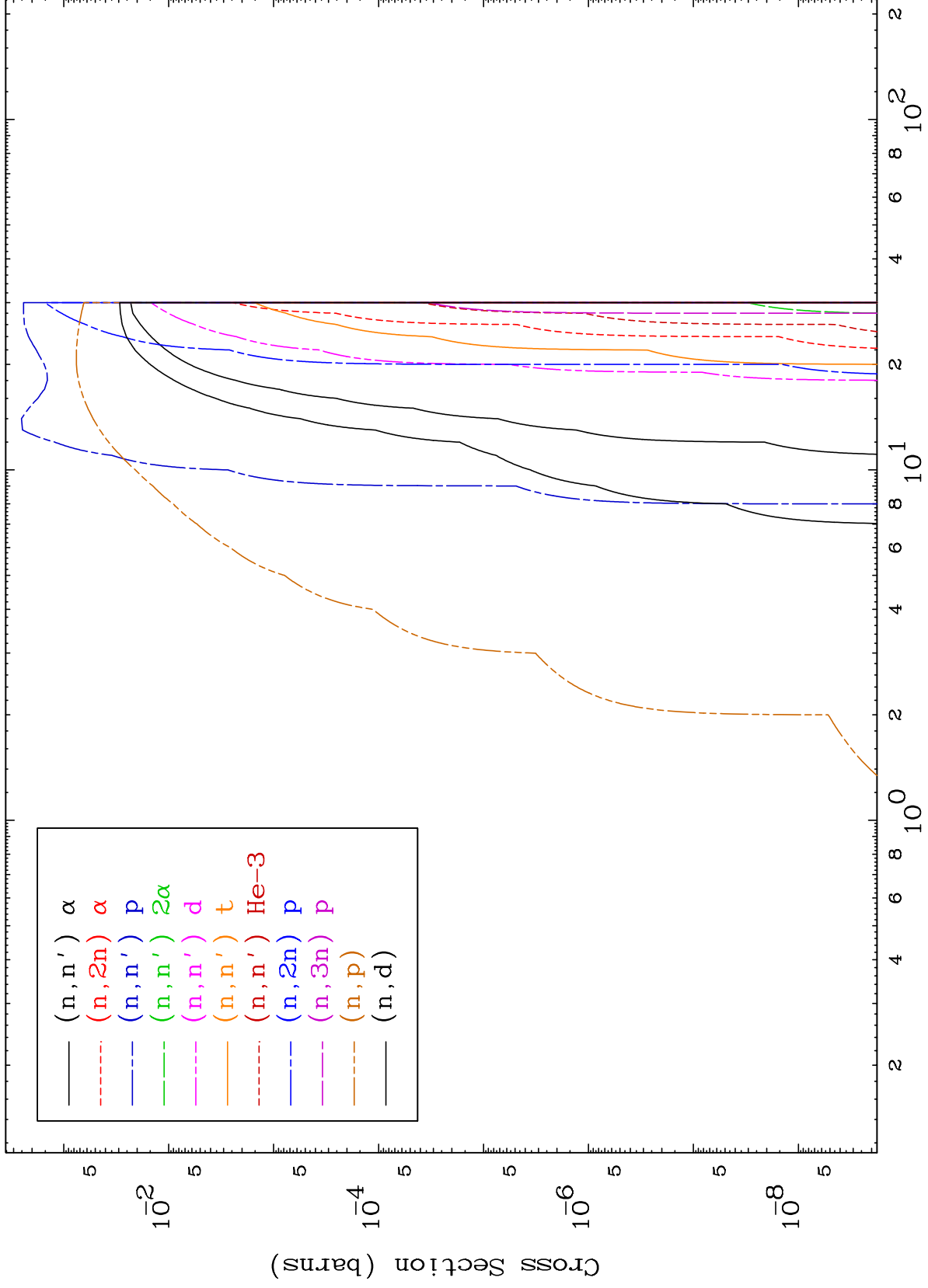
36-Kr-83m



MAT 3641

Proton Charged Particle  
0 Kelvin Cross Sections

<sup>36</sup>Kr-83m



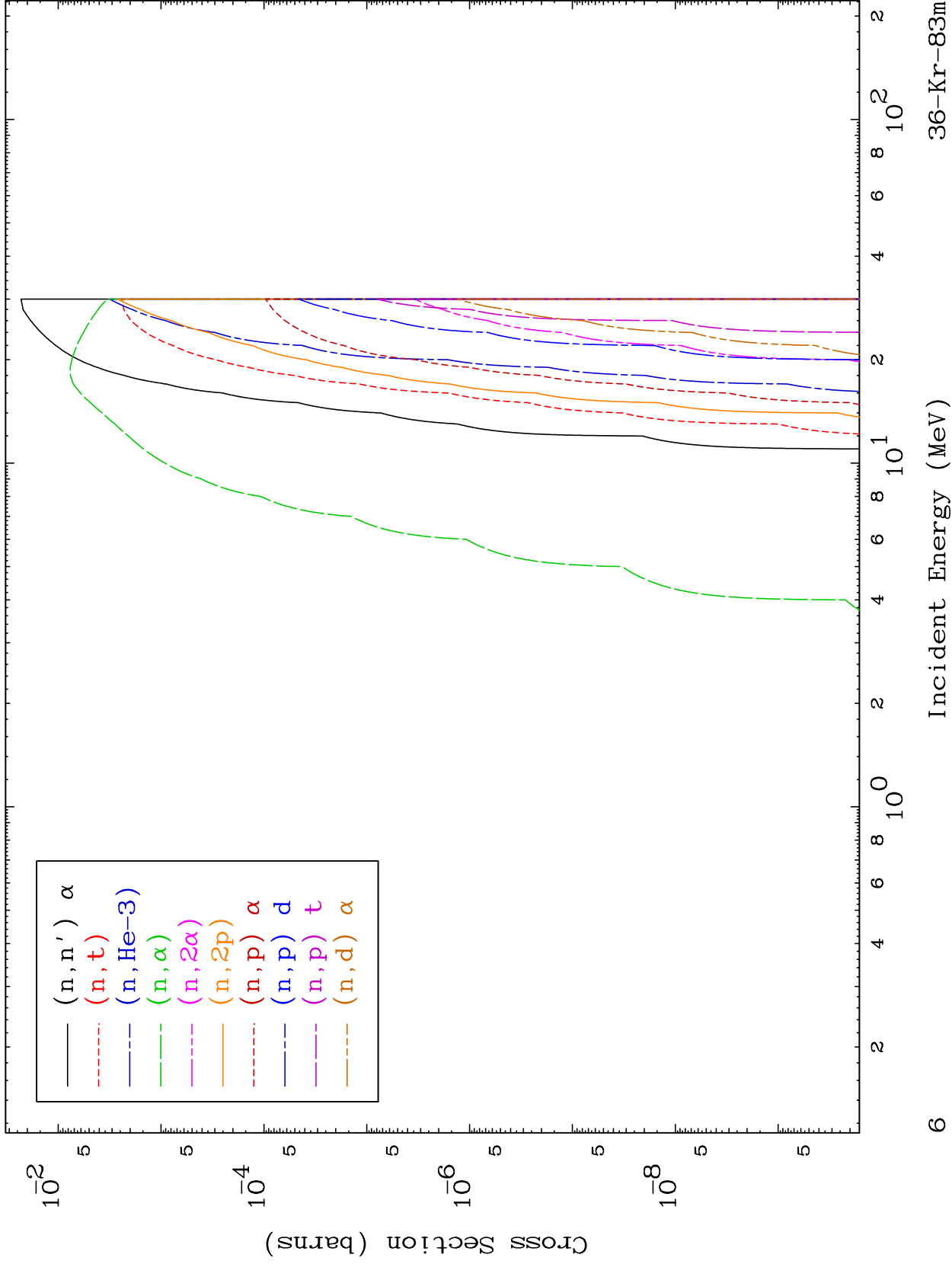
Incident Energy (MeV)

<sup>36</sup>Kr-83m

MAT 3641

Proton Charged Particle  
0 Kelvin Cross Sections

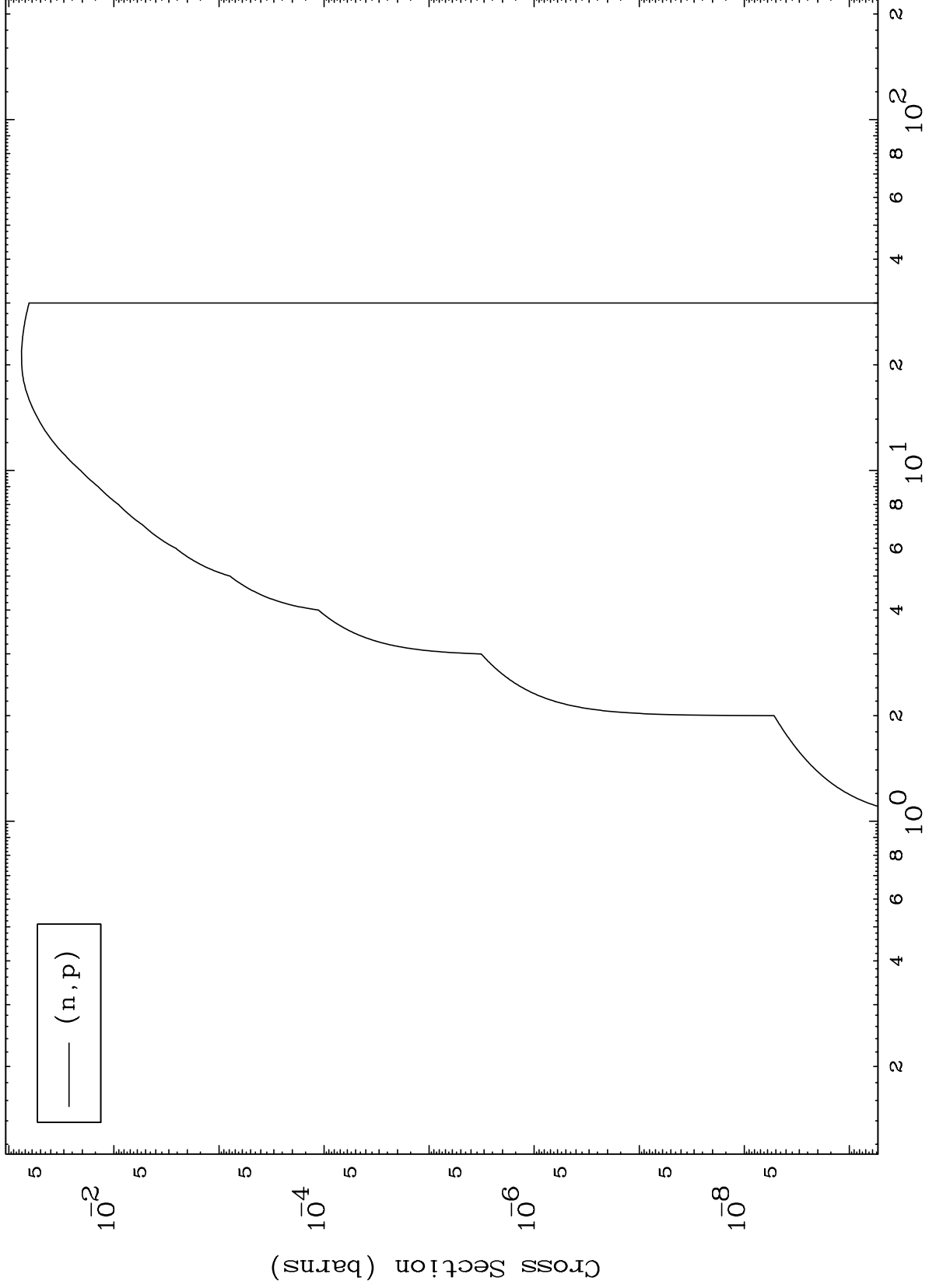
36-Kr-83m



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(p,p) Levels  
0 Kelvin Cross Sections

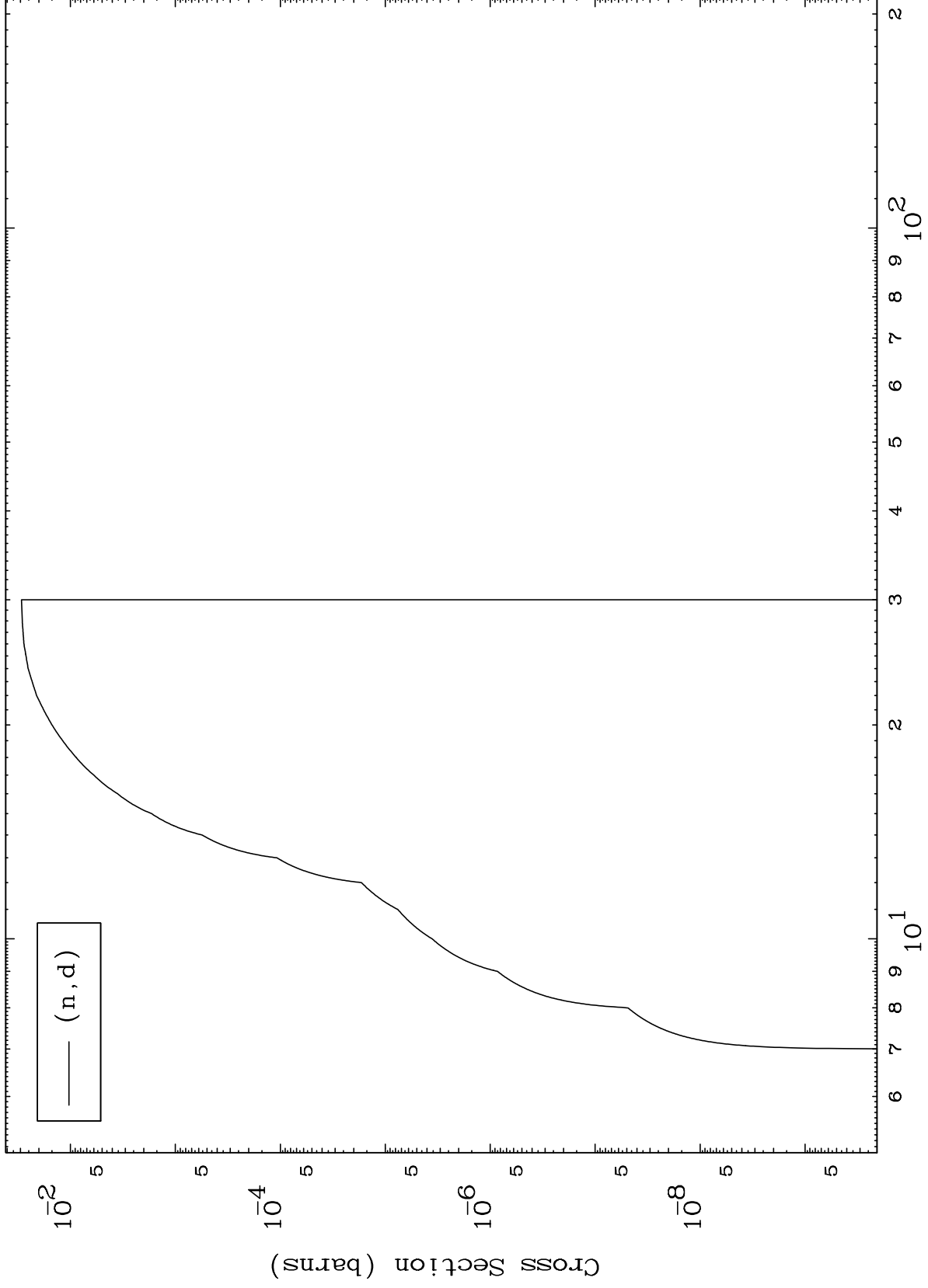
36-Kr-83m



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(p,d) Levels  
0 Kelvin Cross Sections

36-Kr-83m



8

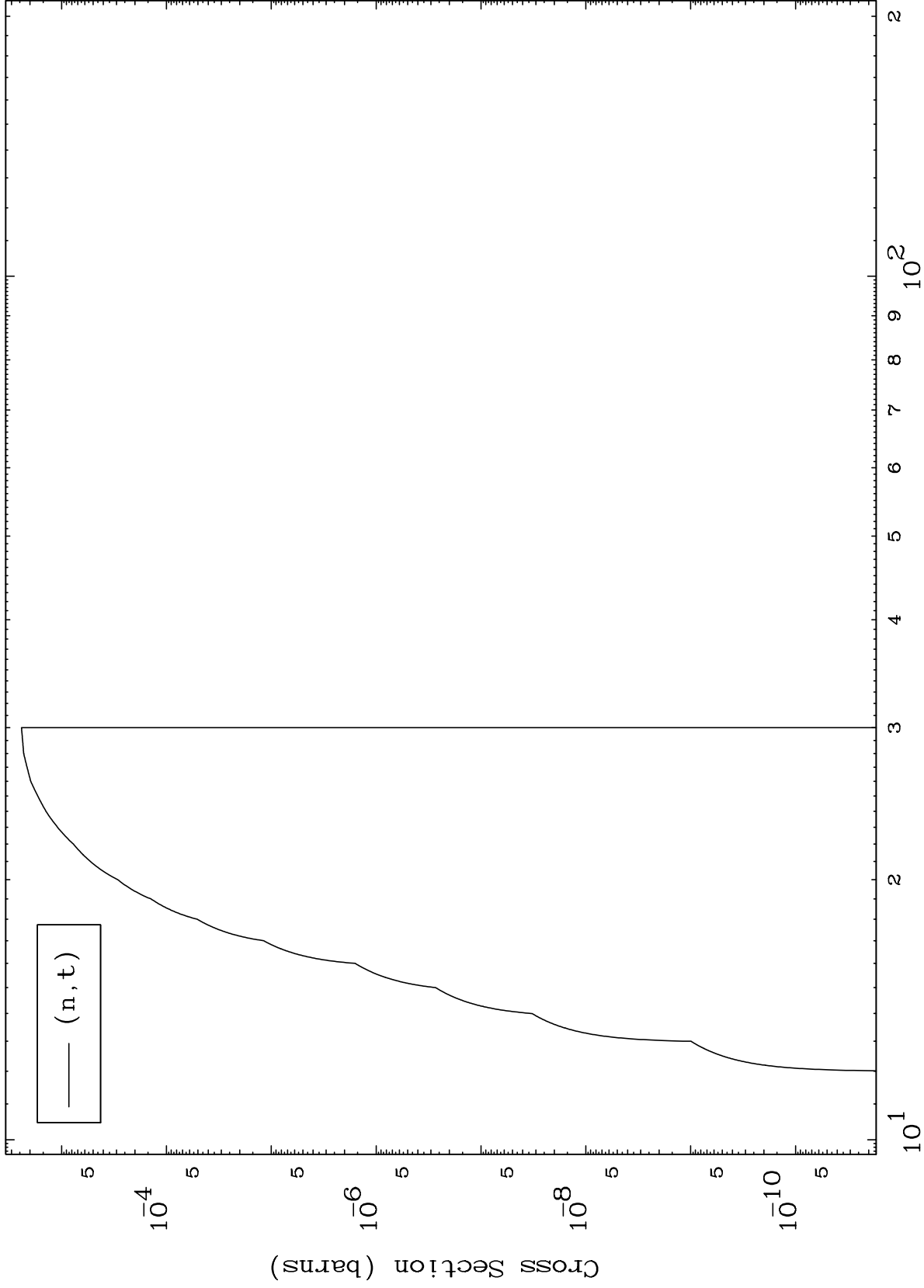
Incident Energy (MeV)

36-Kr-83m

MAT 3641

(p,t) Levels  
0 Kelvin Cross Sections

<sup>36</sup>Kr-83m



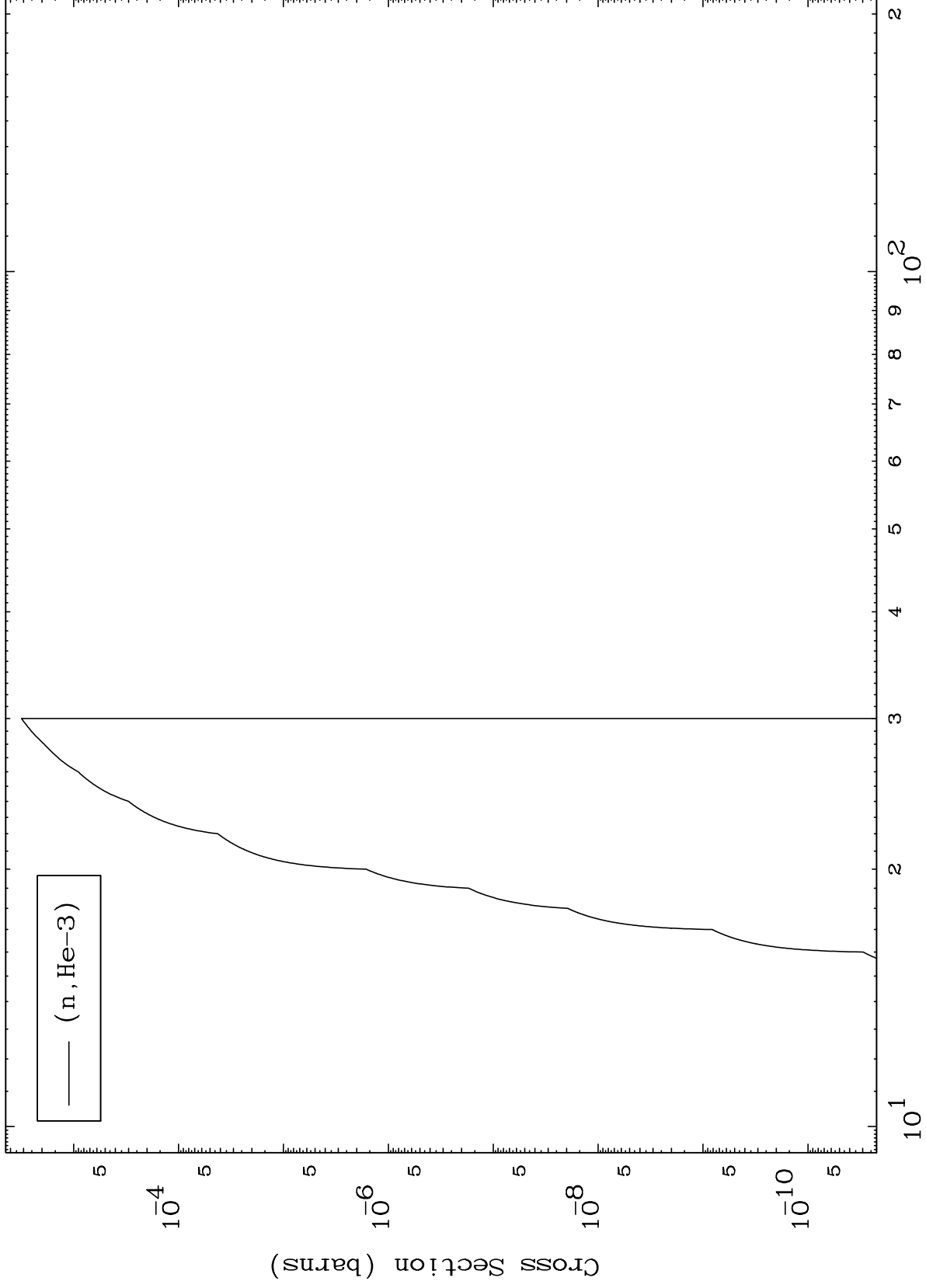
Incident Energy (MeV)

<sup>36</sup>Kr-83m

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(p,He3) Levels  
0 Kelvin Cross Sections

36-Kr-83m



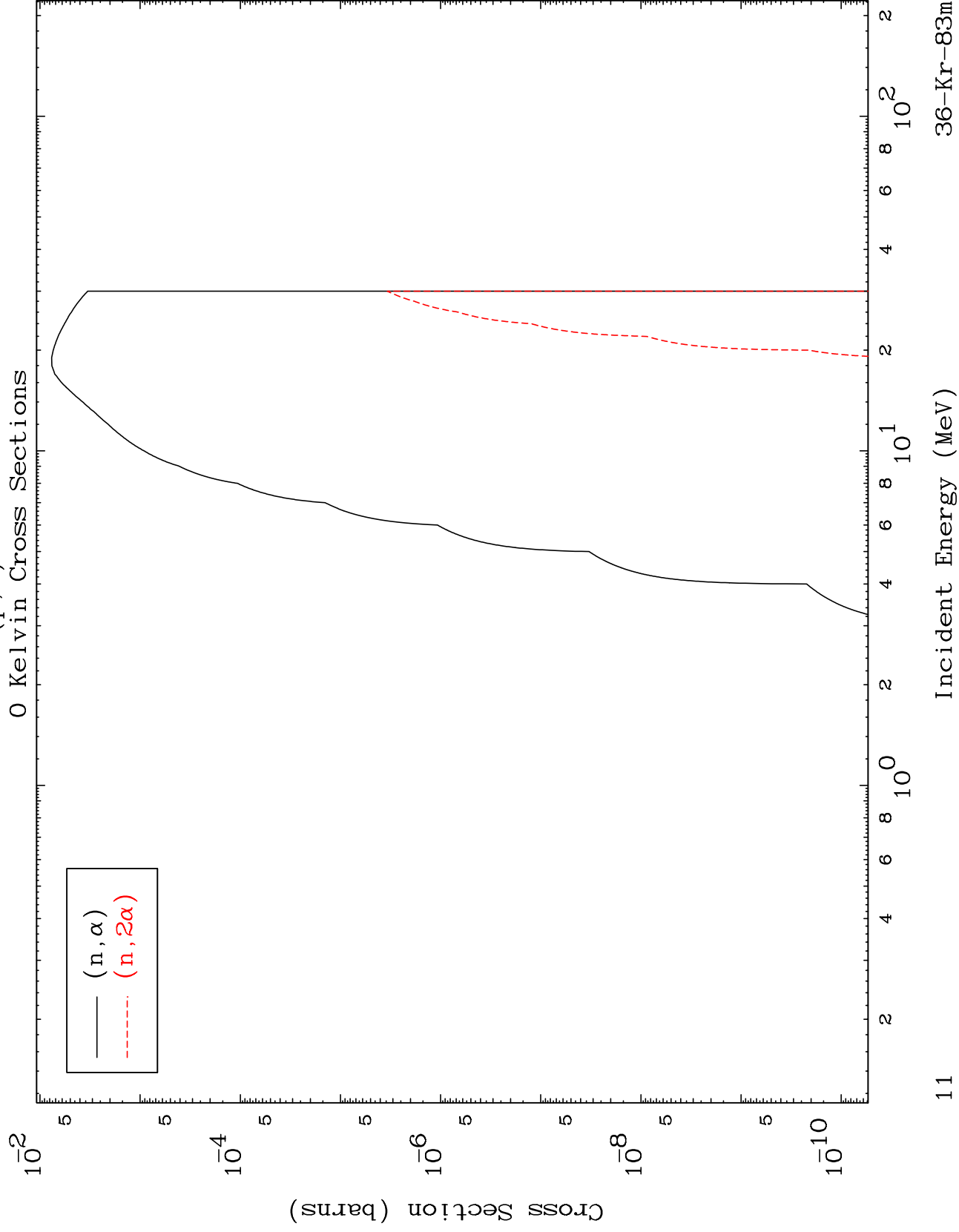
Incident Energy (MeV)

36-Kr-83m

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(p,  $\alpha$ ) Levels

36-Kr-83m

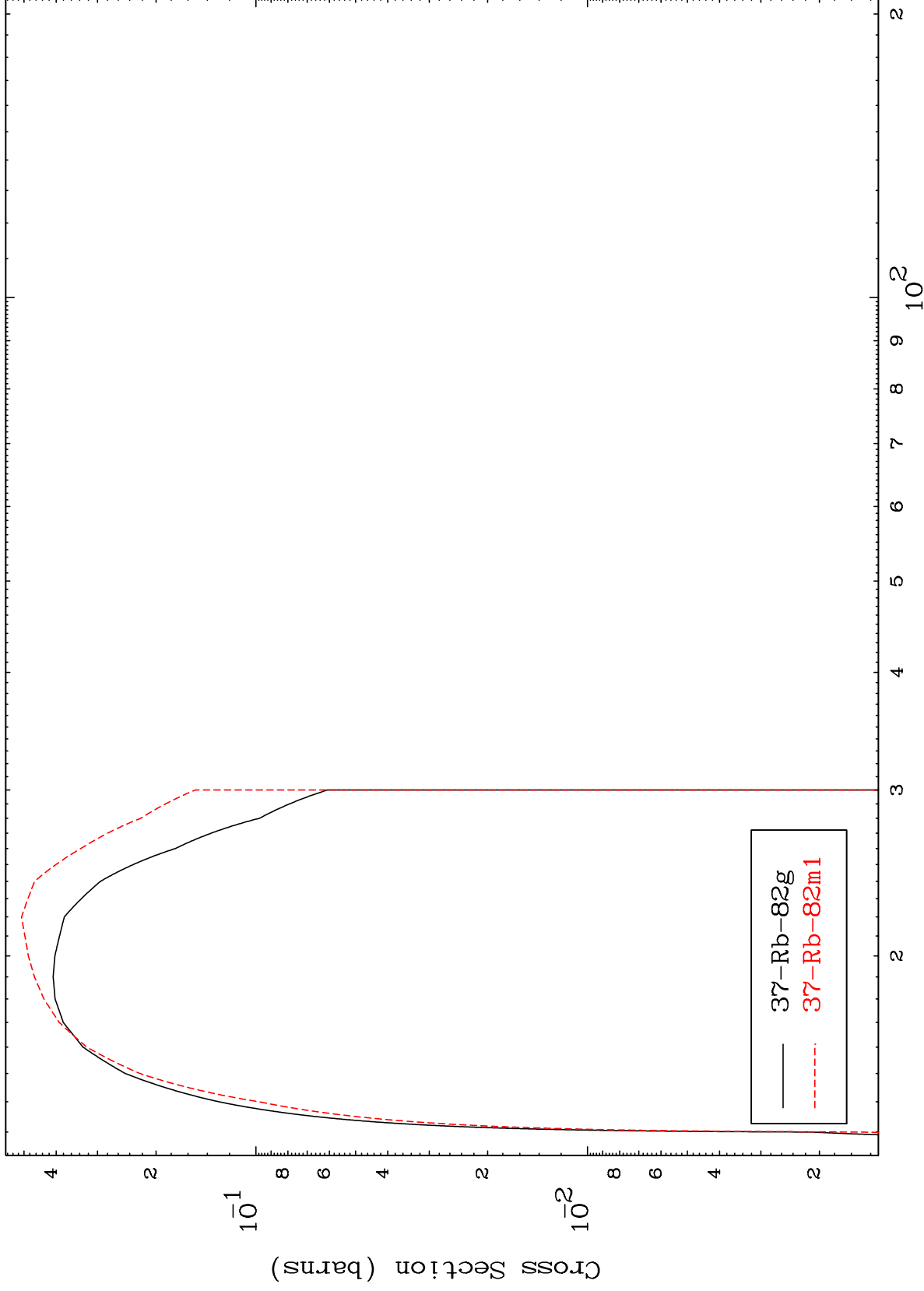


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(n,2n)

<sup>36</sup>Kr-83m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

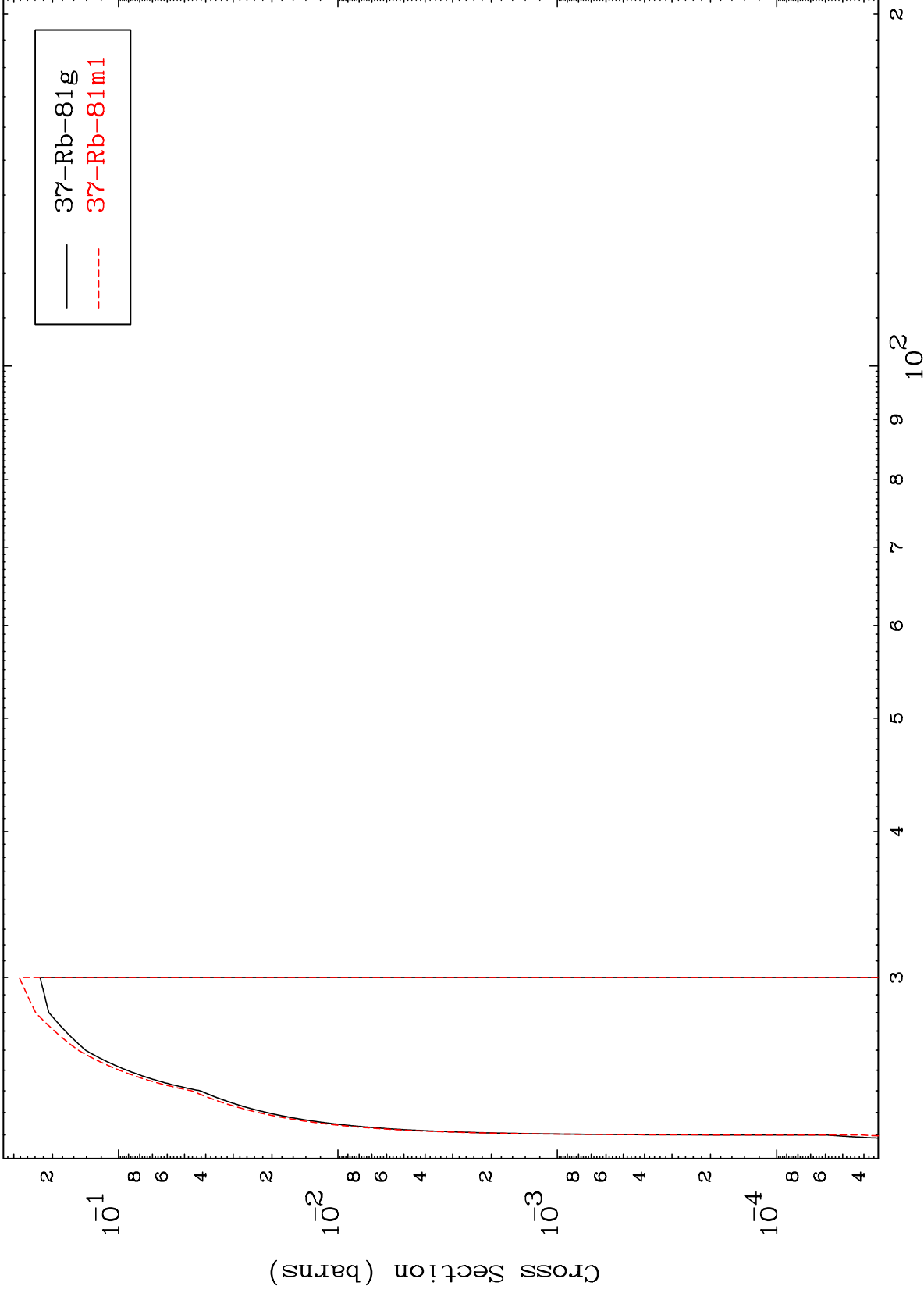
<sup>36</sup>Kr-83m

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(n,3n)

<sup>36</sup>Kr-83m

Radionuclide Production Cross Section

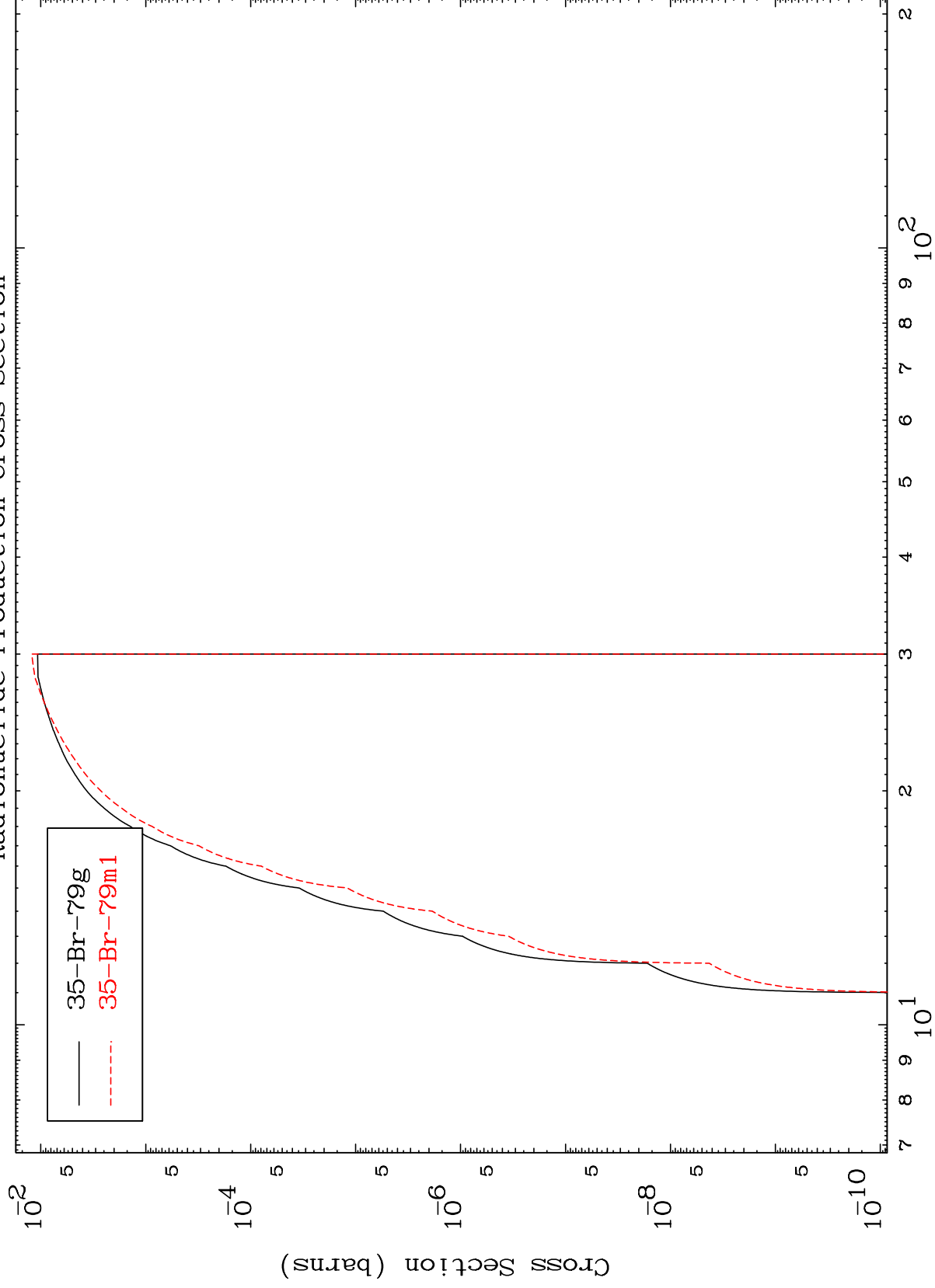


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$(n, n') \alpha$

$^{36}\text{Kr-83m}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

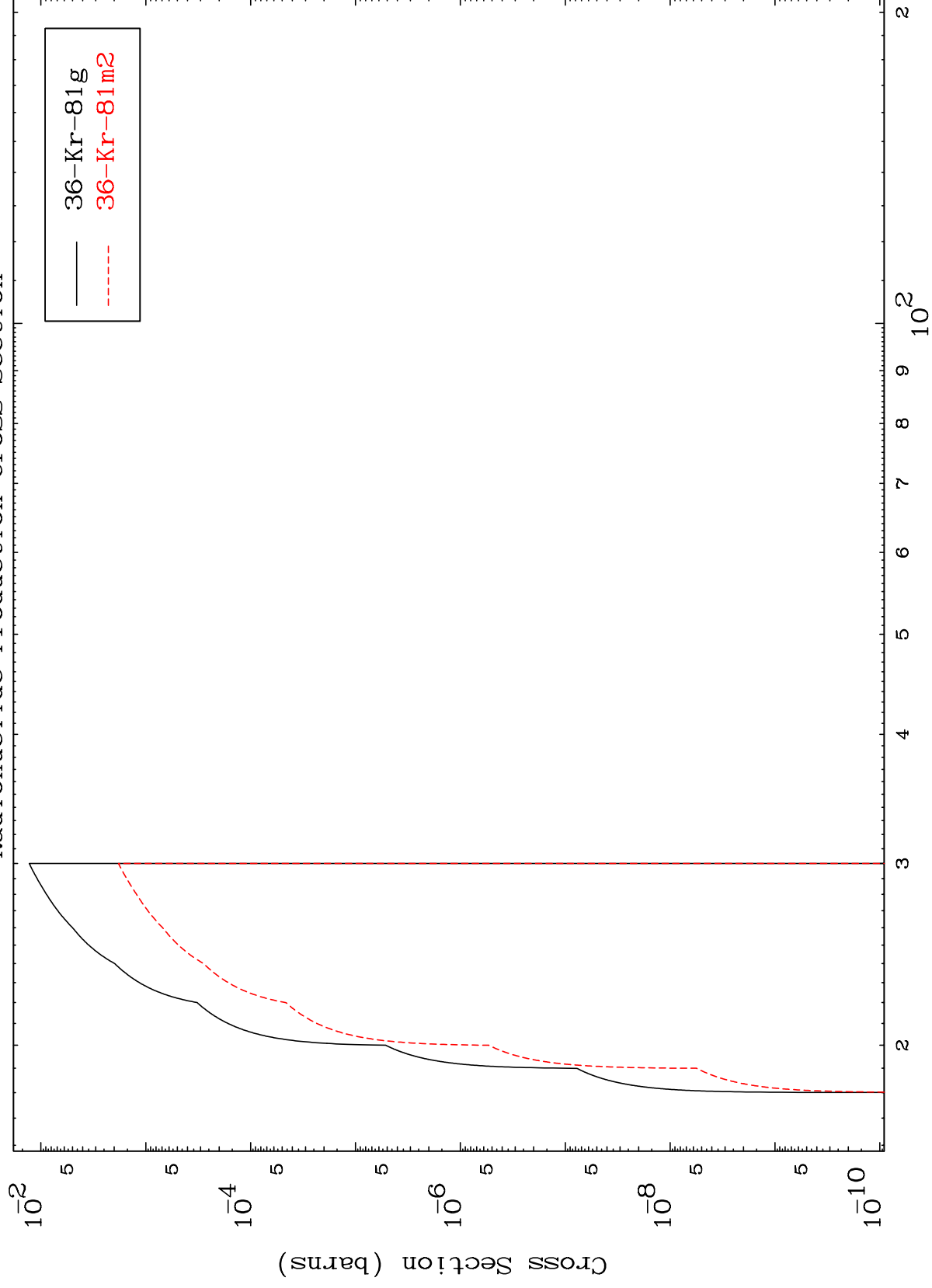
$^{36}\text{Kr-83m}$

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(n,n') d

36-Kr-83m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

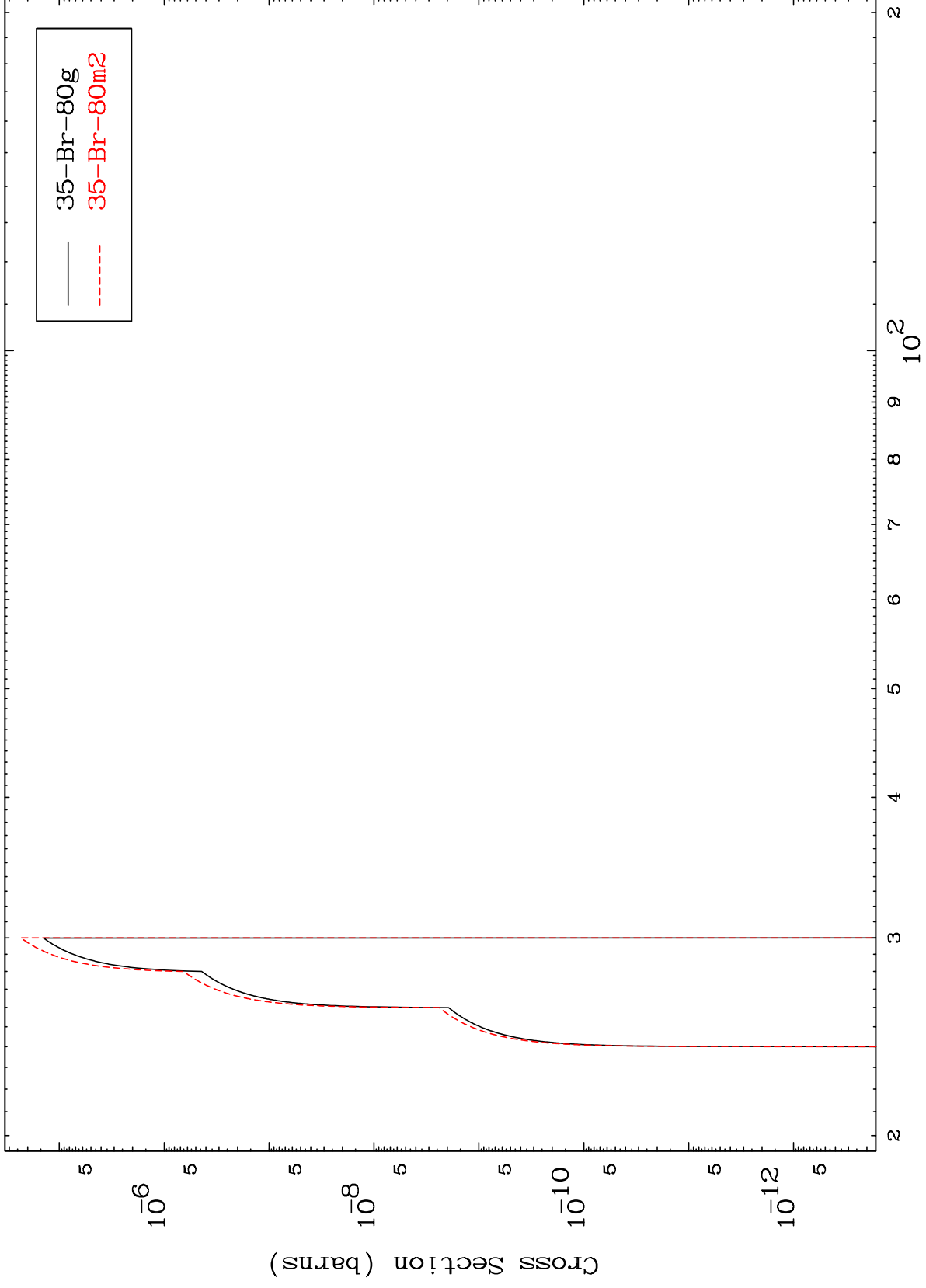
36-Kr-83m

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(n,n') He-3

36-Kr-83m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

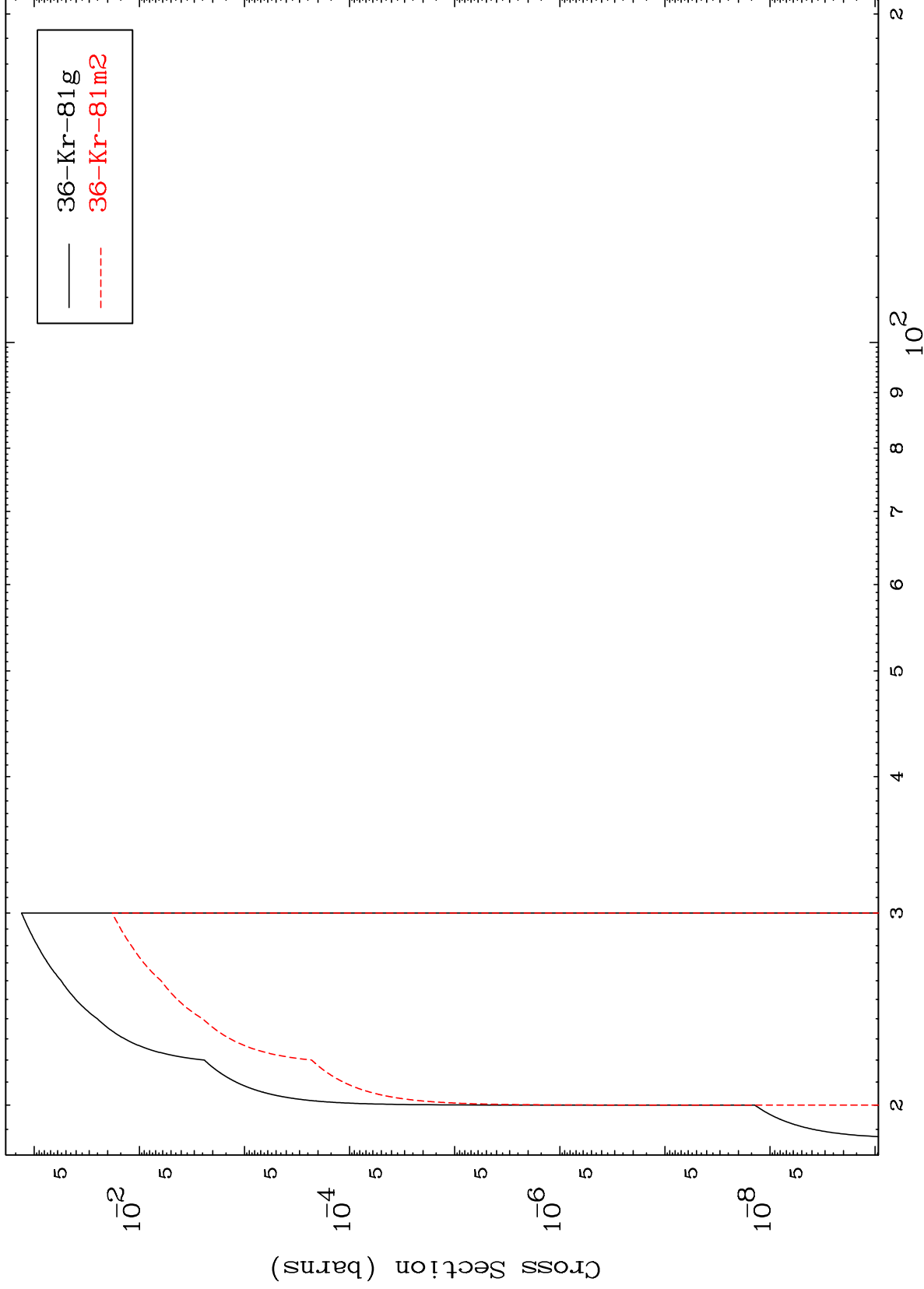
36-Kr-83m

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(n,2n) p

36-Kr-83m

Radionuclide Production Cross Section



17

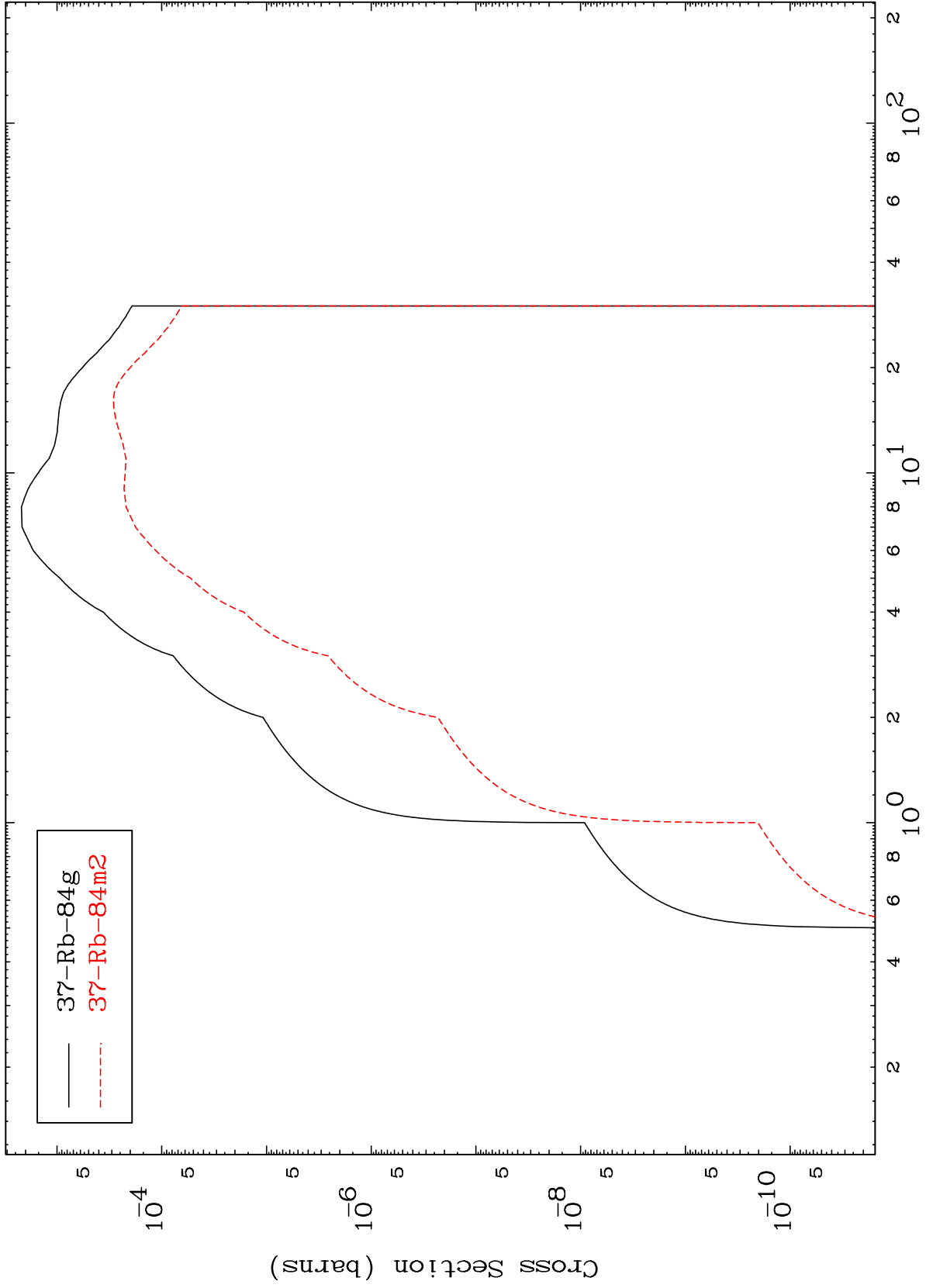
Incident Energy (MeV)

36-Kr-83m

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36-Kr-83m

Radionuclide Production Cross Section  
(n,  $\gamma$ )



18

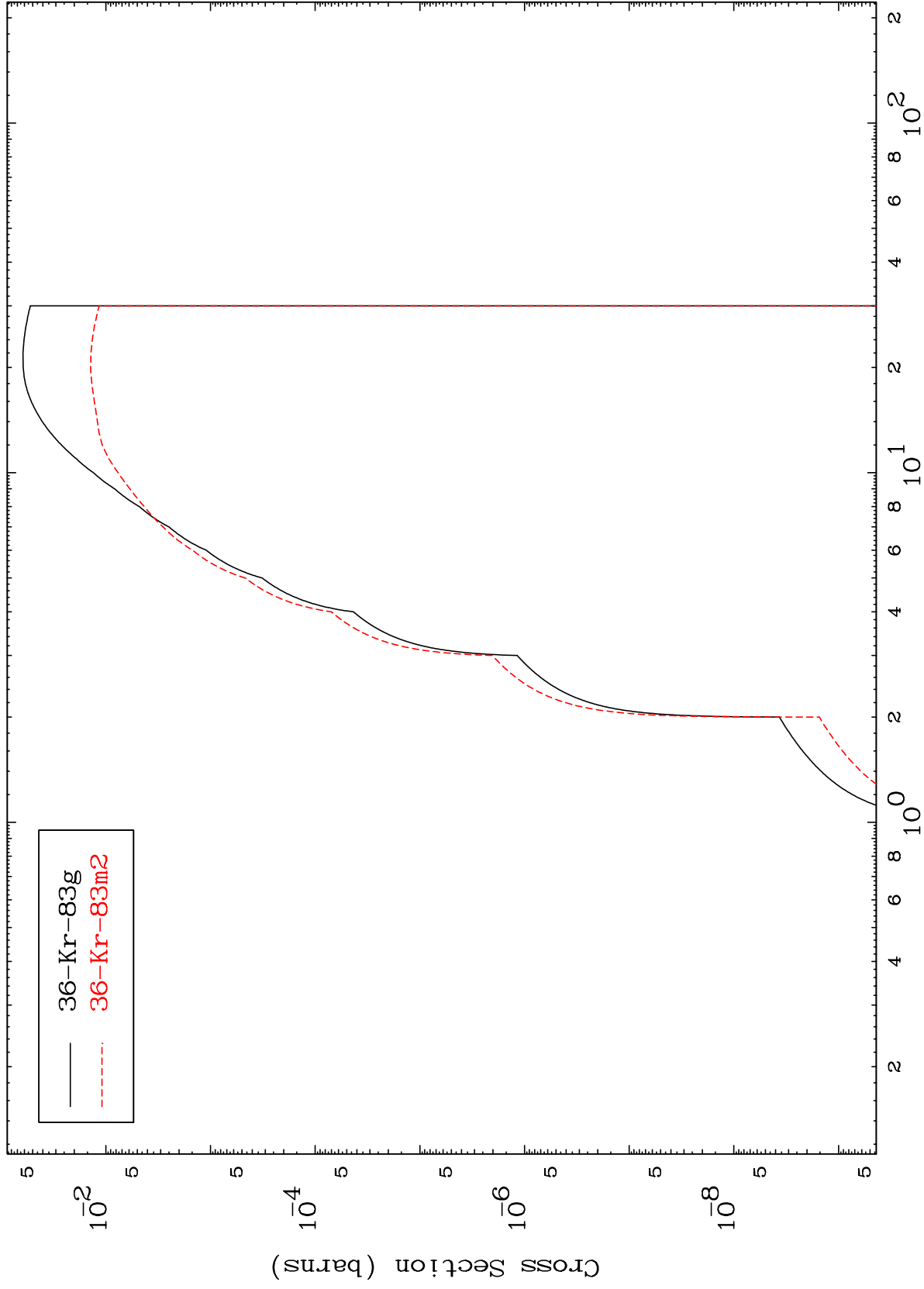
Incident Energy (MeV)

36-Kr-83m

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<sup>36</sup>Kr-83m

(n,p)  
Radionuclide Production Cross Section



19

<sup>36</sup>Kr-83m

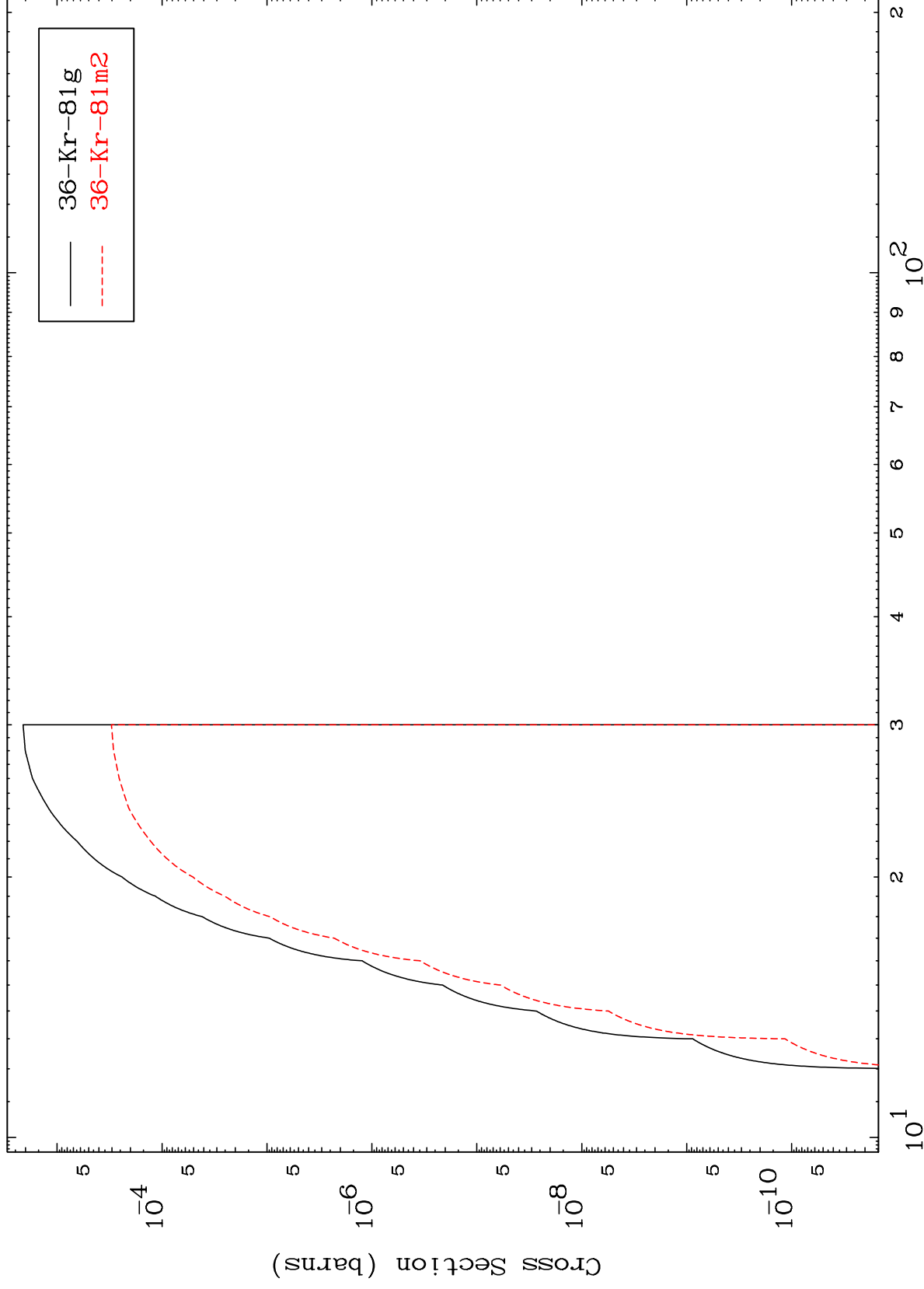
Incident Energy (MeV)

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(n, t)

36-Kr-83m

Radionuclide Production Cross Section



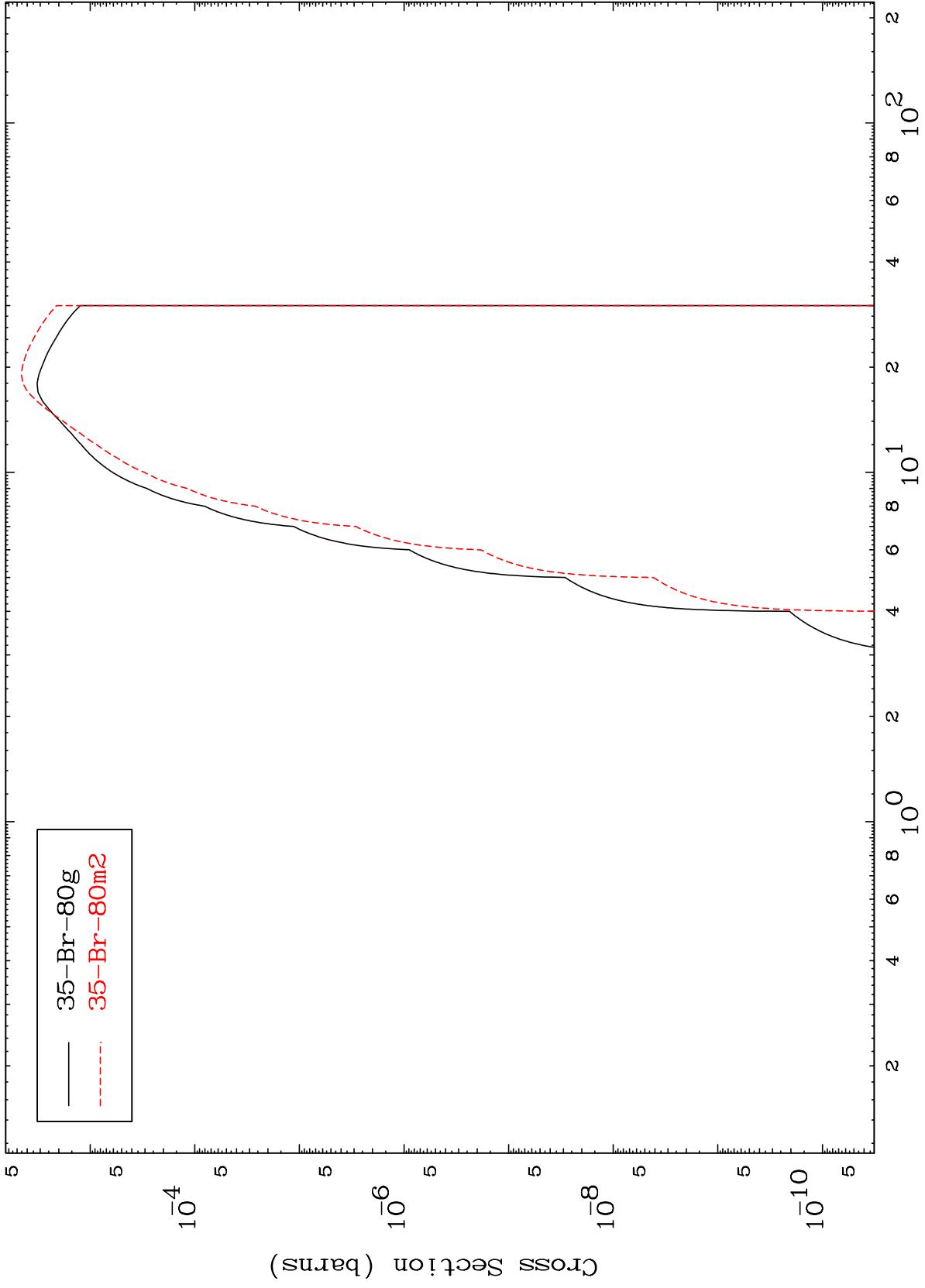
Incident Energy (MeV)

36-Kr-83m

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36-Kr-83m

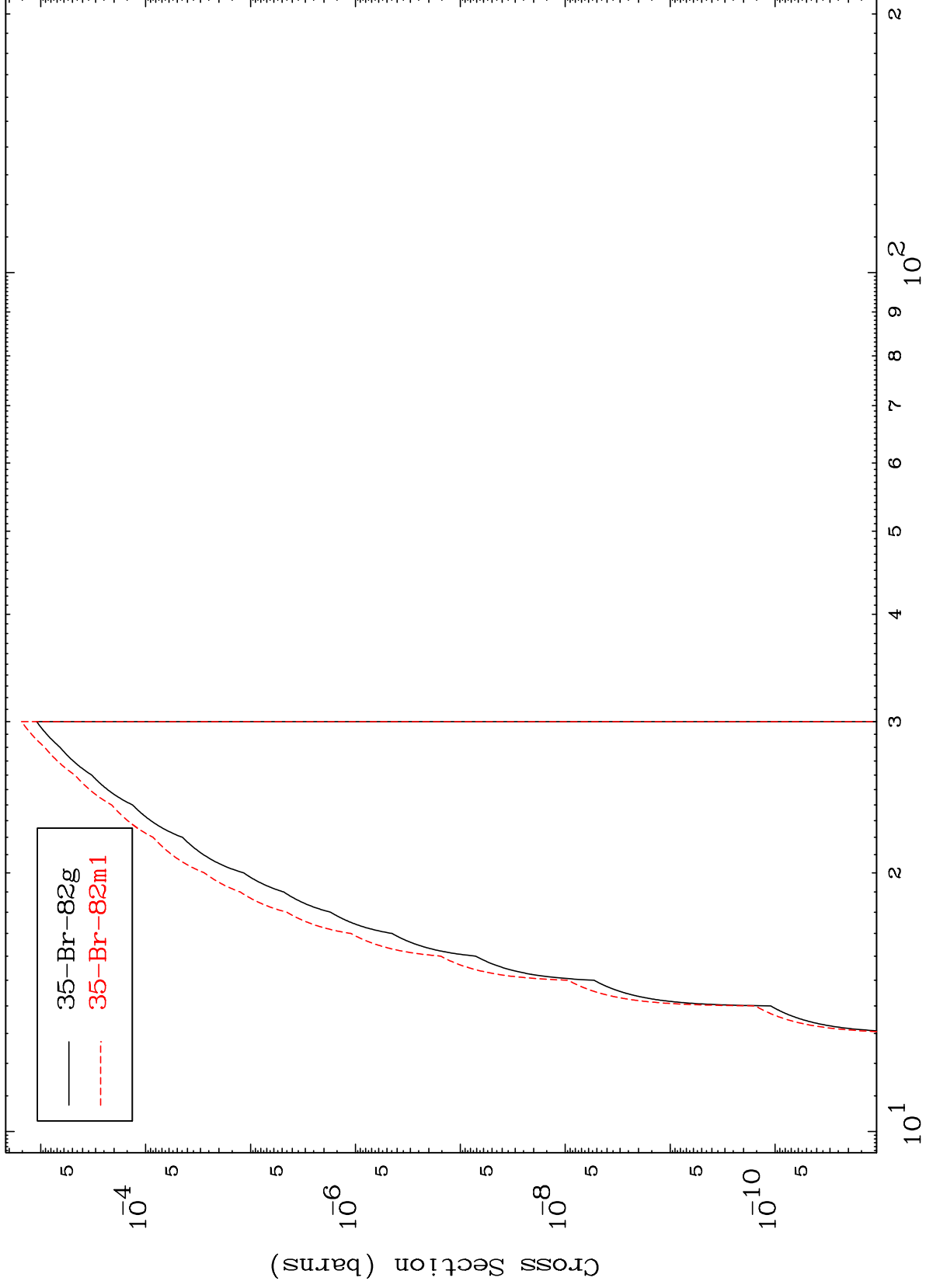
Radionuclide Production Cross Section  
(n,  $\alpha$ )



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<sup>36</sup>Kr-83m

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

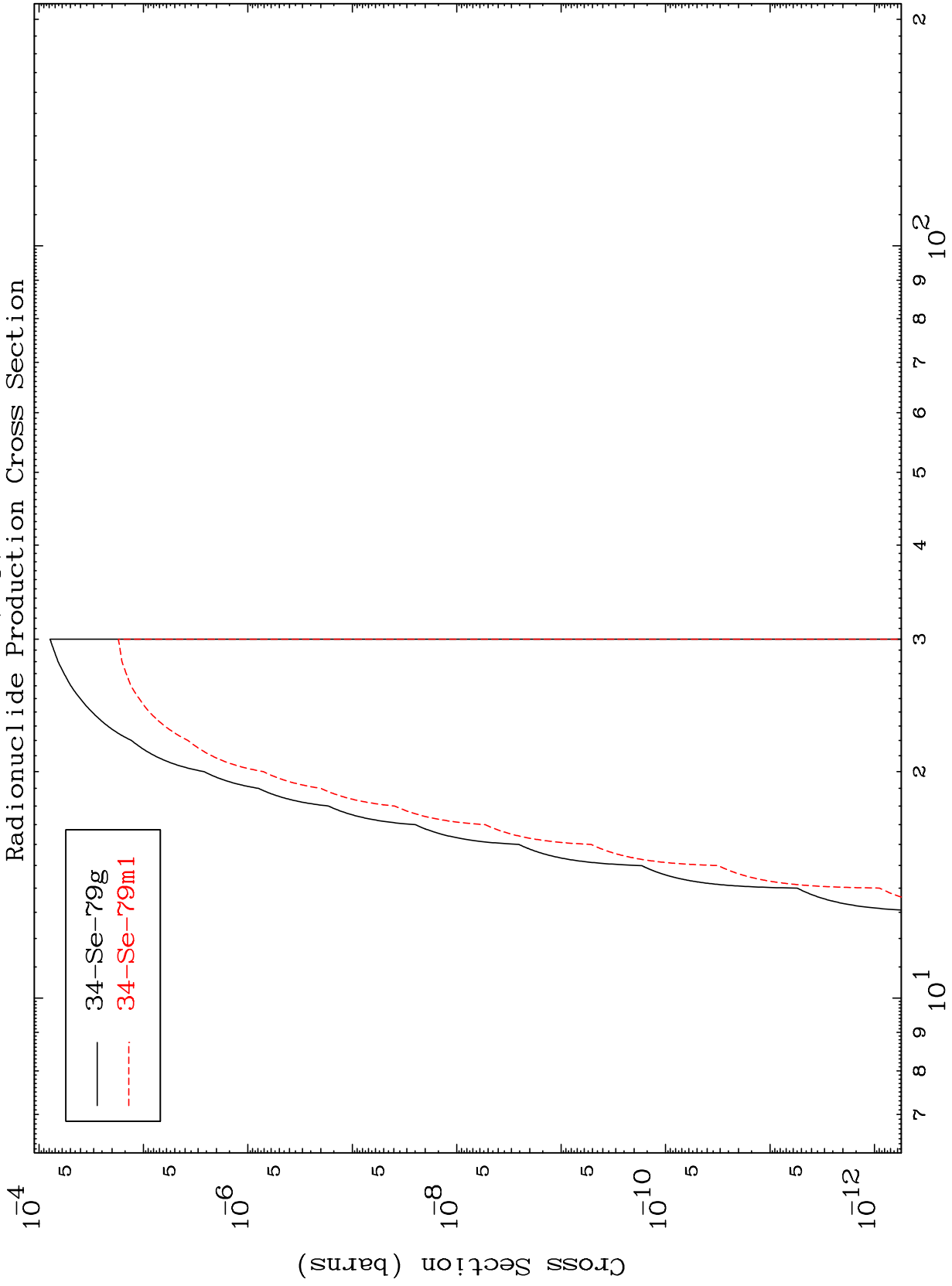
<sup>36</sup>Kr-83m

22

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(n,p)  $\alpha$

36-Kr-83m



23

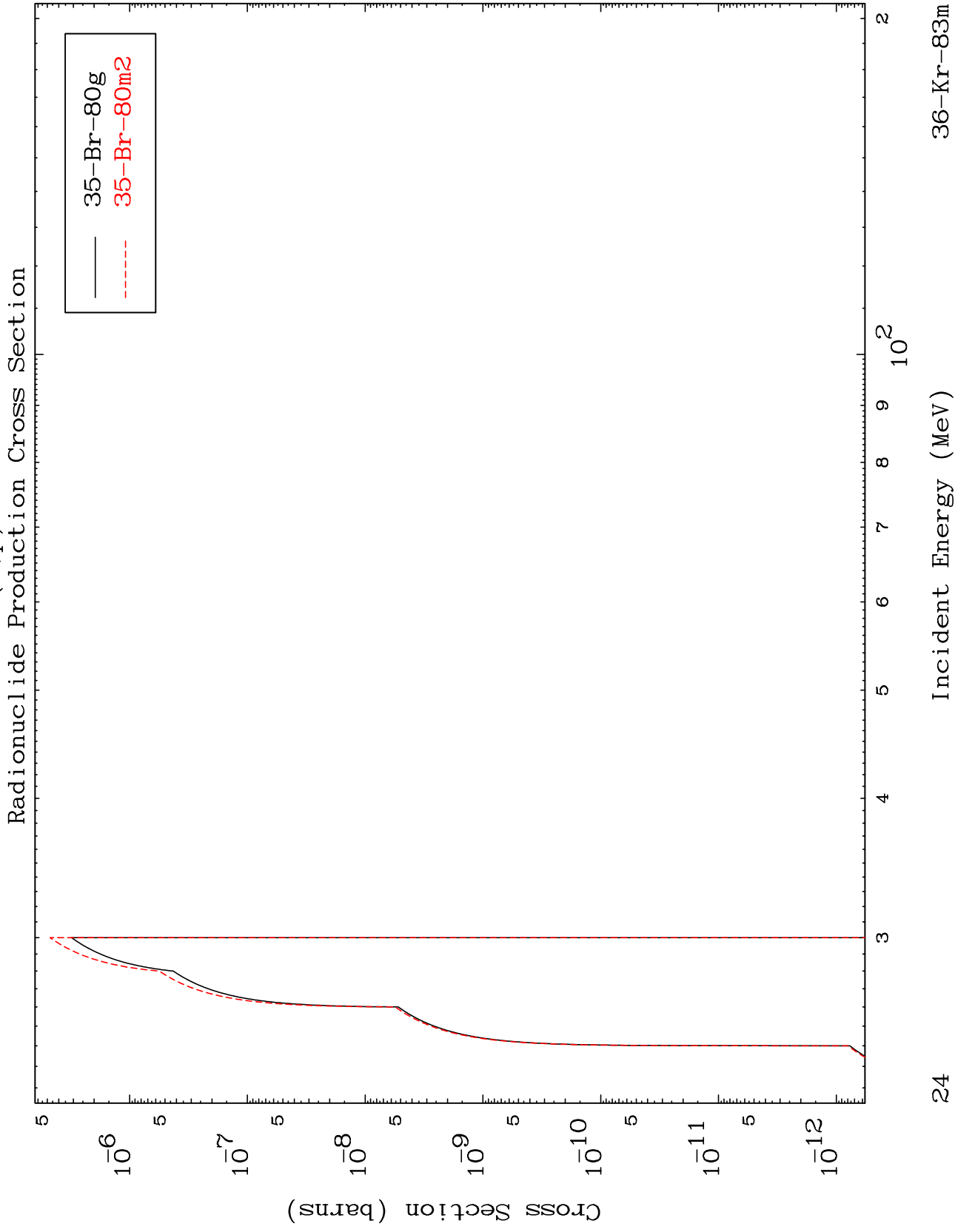
Incident Energy (MeV)

36-Kr-83m

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(n,p) t

36-Kr-83m



24

Incident Energy (MeV)

36-Kr-83m