

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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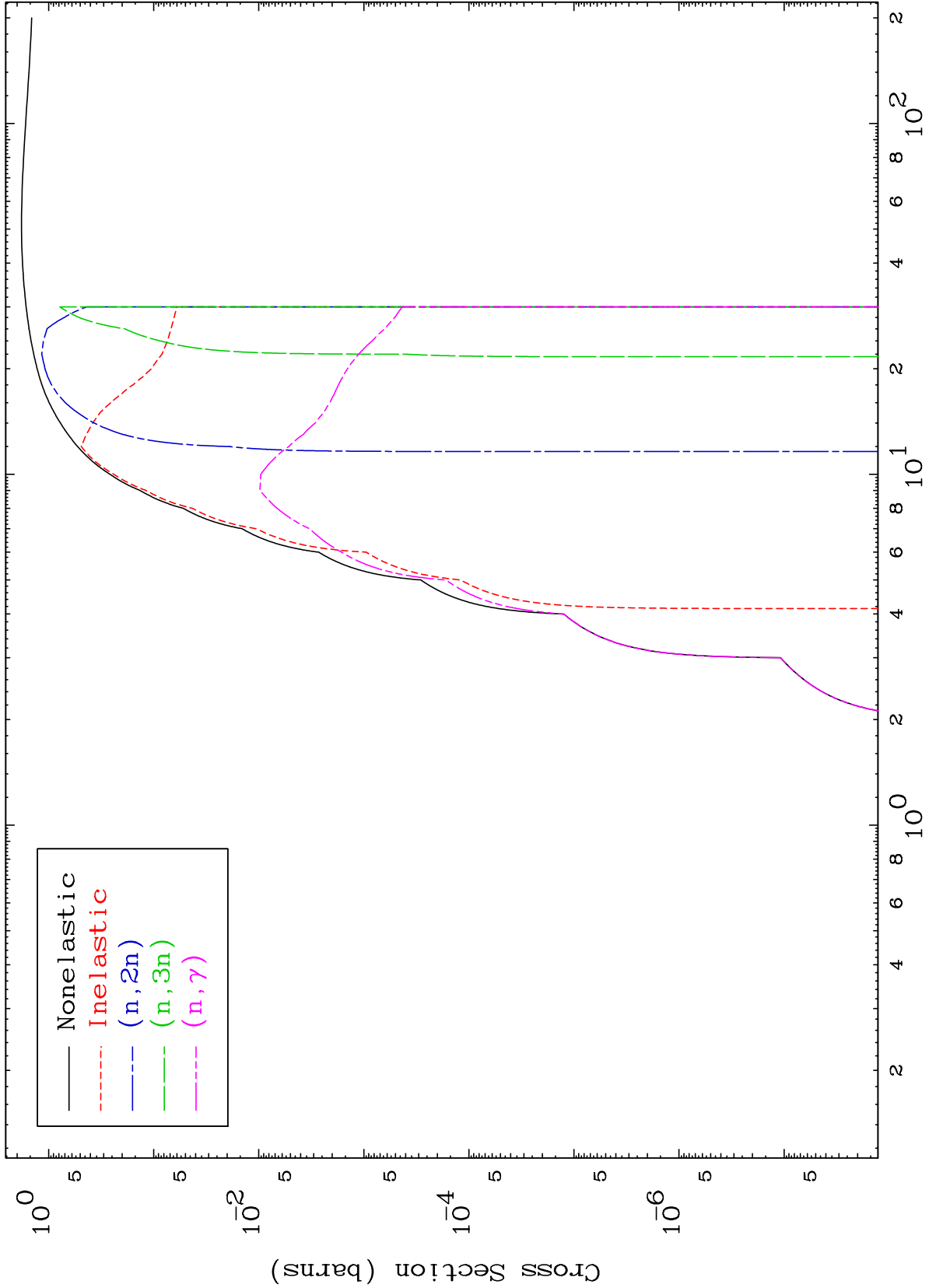
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

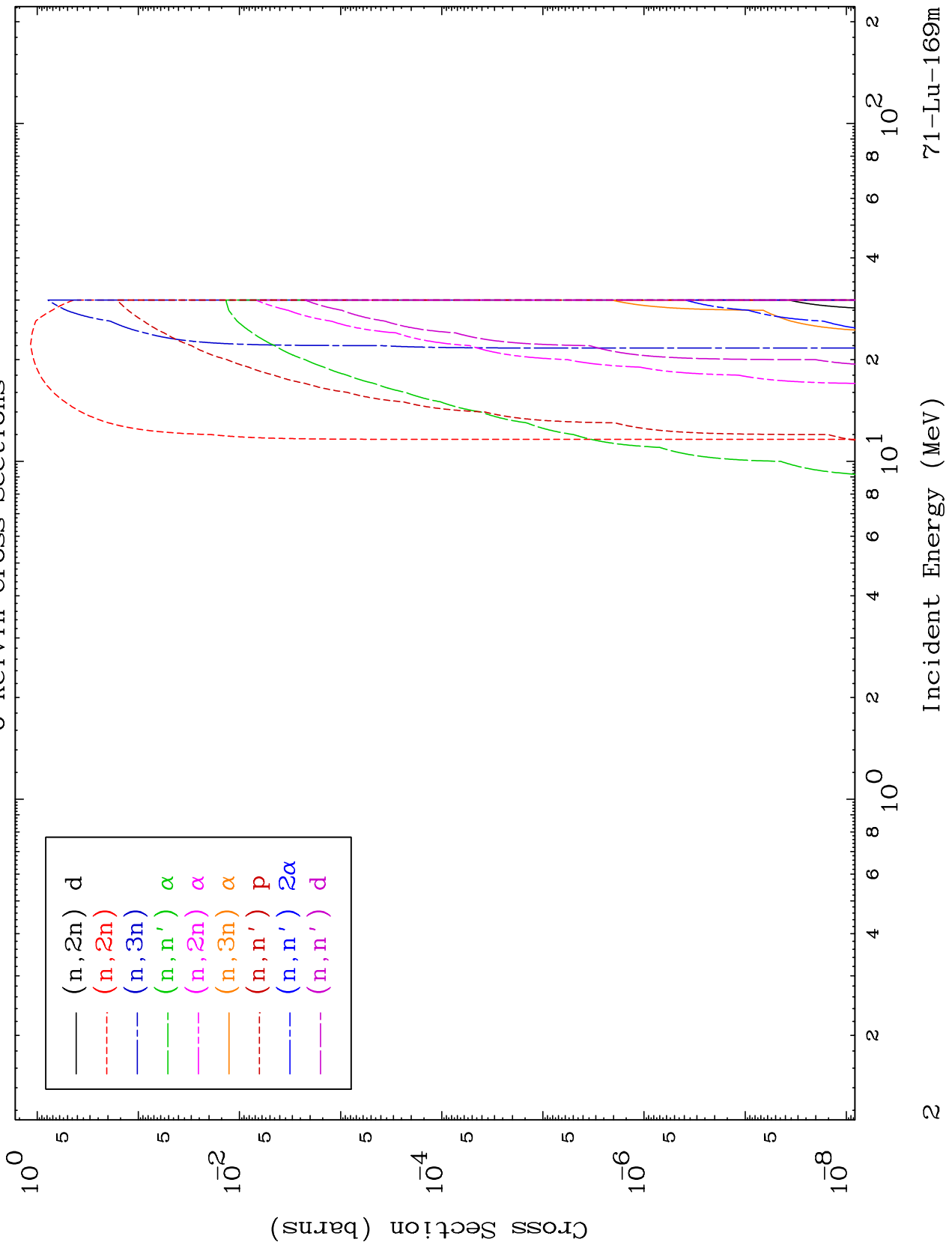
0 Kelvin Cross Sections

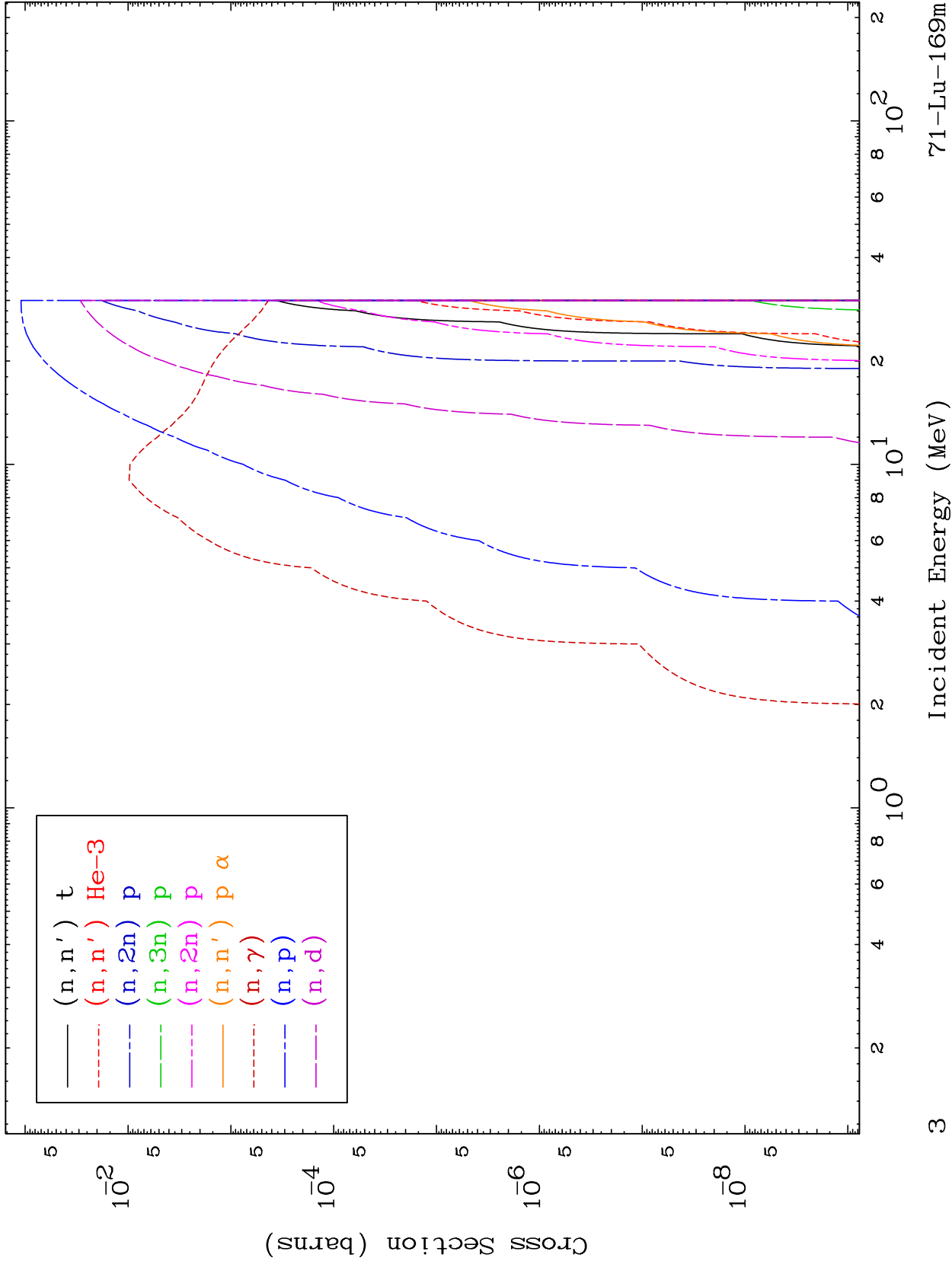


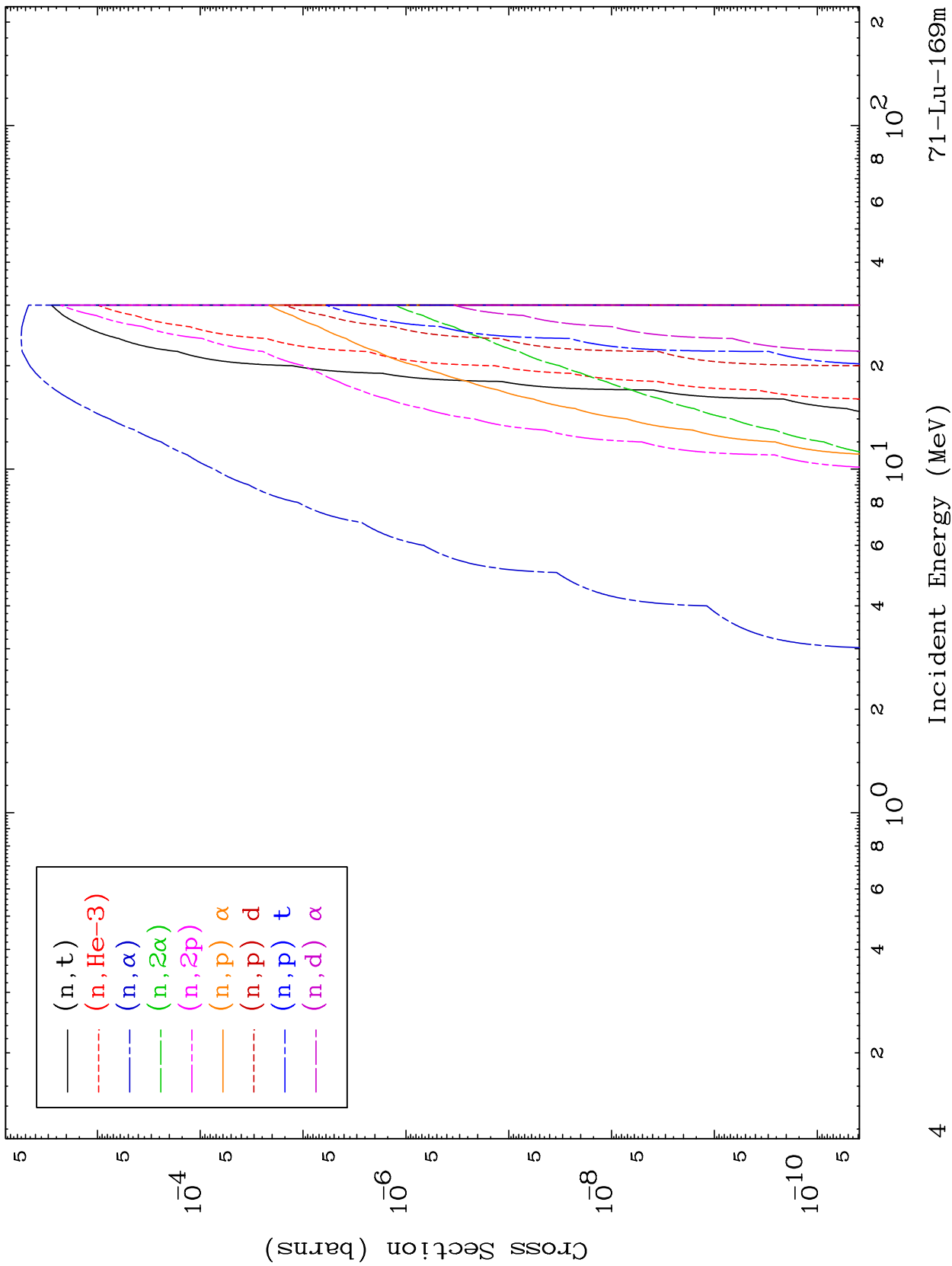
MAT 7108

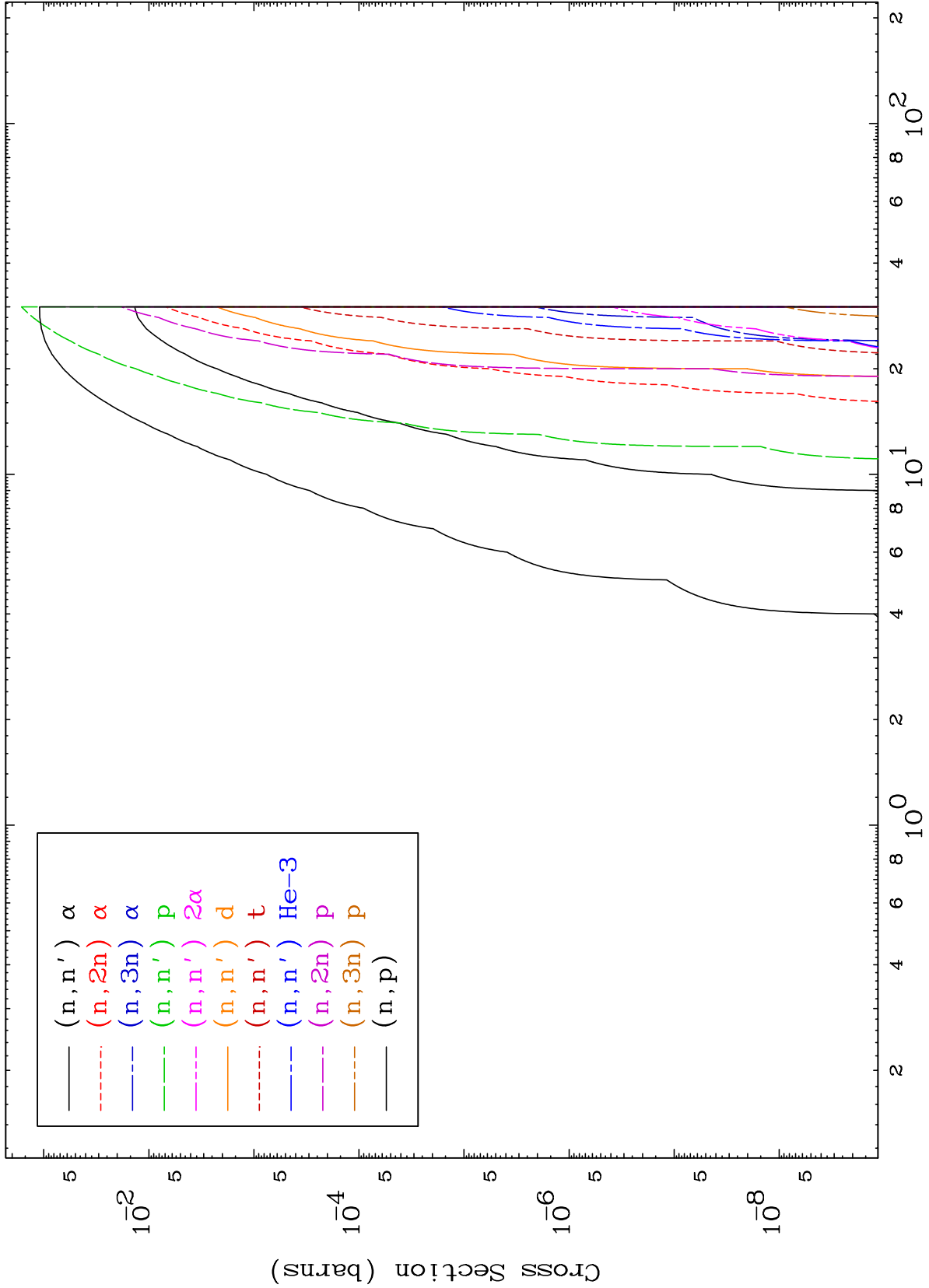
Proton Neutron Absorption  
0 Kelvin Cross Sections

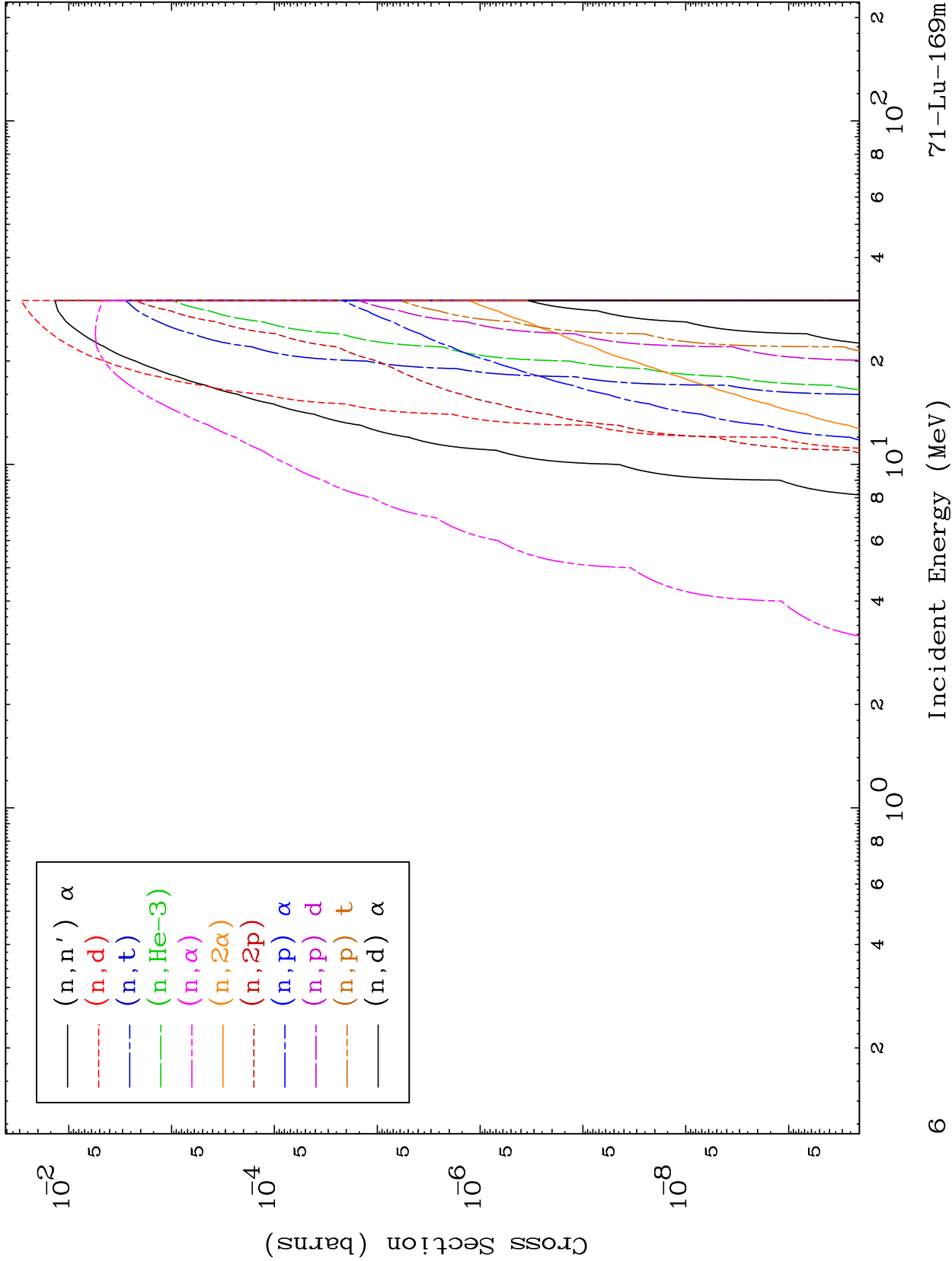
71-Lu-169m









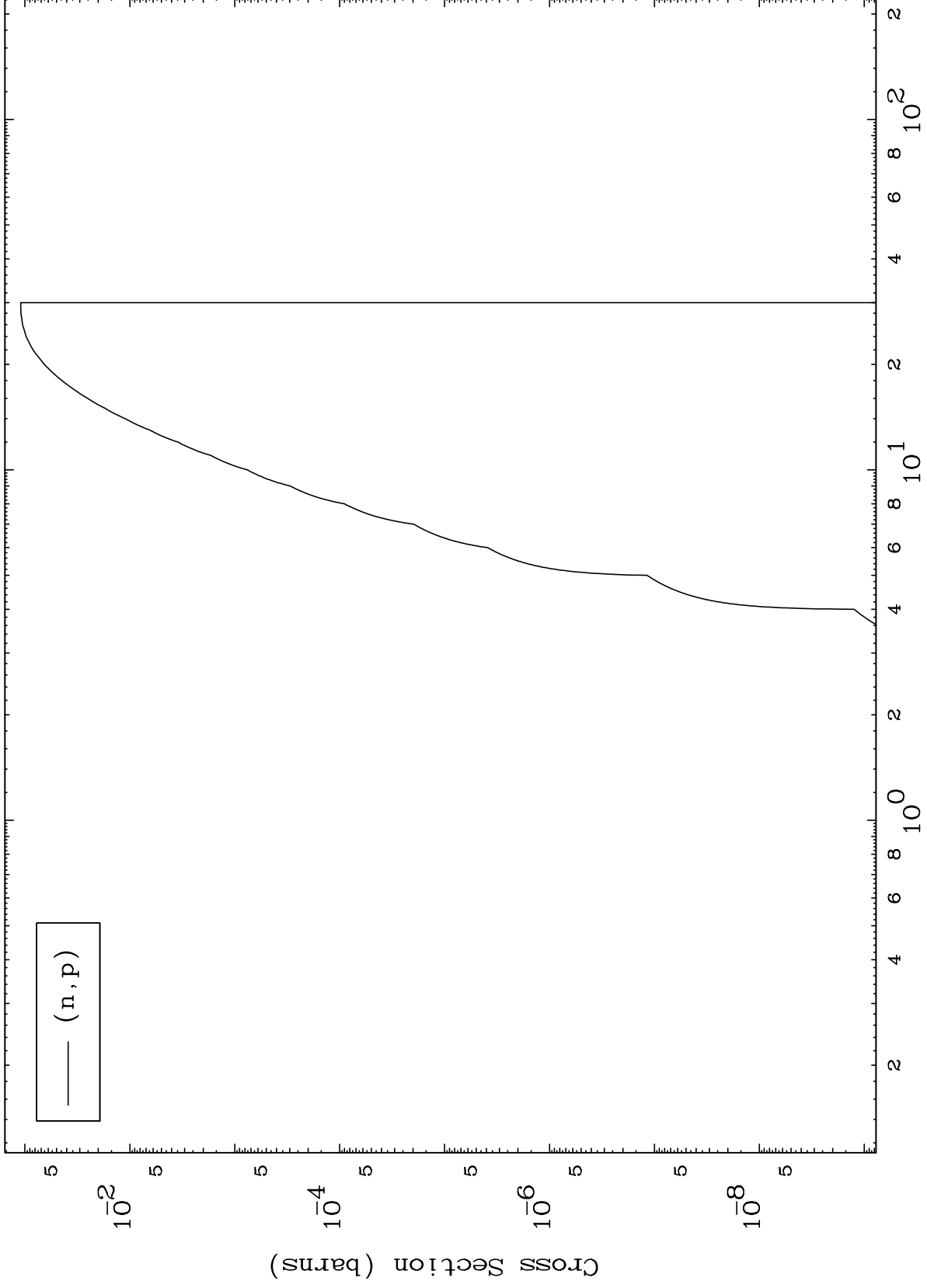


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(p,p) Levels

<sup>71</sup>Lu-169m

0 Kelvin Cross Sections



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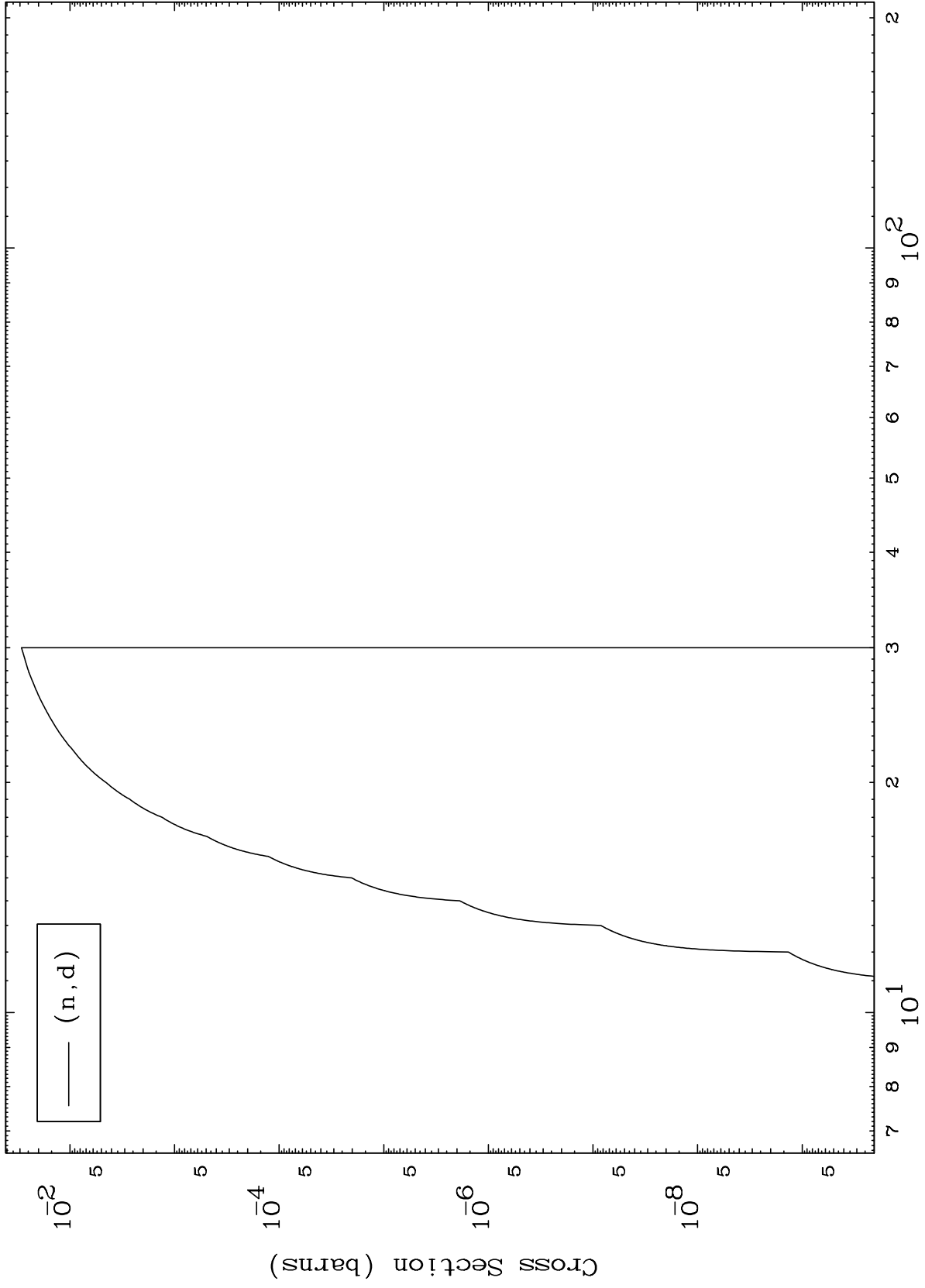
Incident Energy (MeV)

<sup>71</sup>Lu-169m

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(p,d) Levels  
0 Kelvin Cross Sections

71-Lu-169m



8

Incident Energy (MeV)

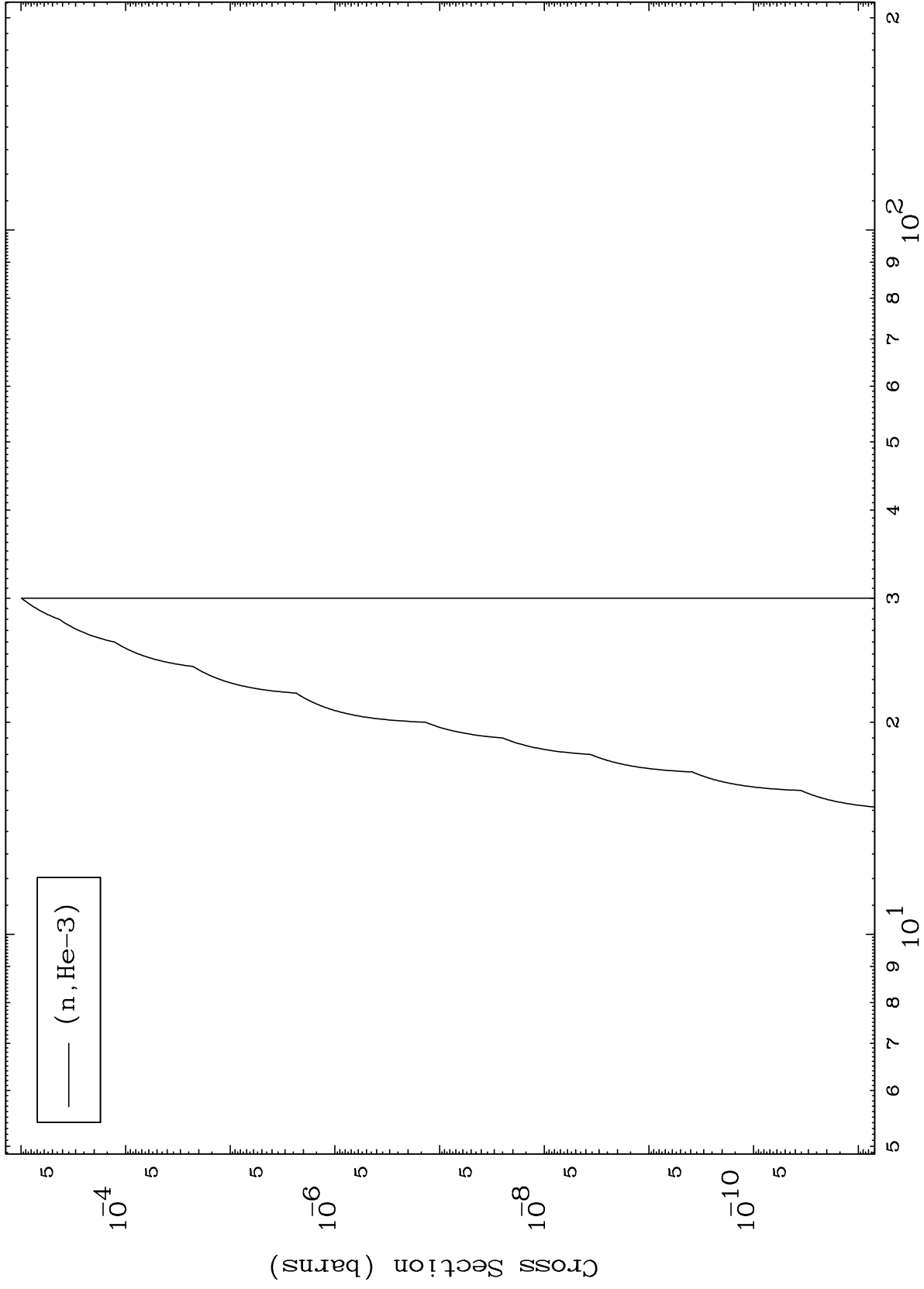
71-Lu-169m



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(p,He3) Levels  
0 Kelvin Cross Sections

71-Lu-169m



10

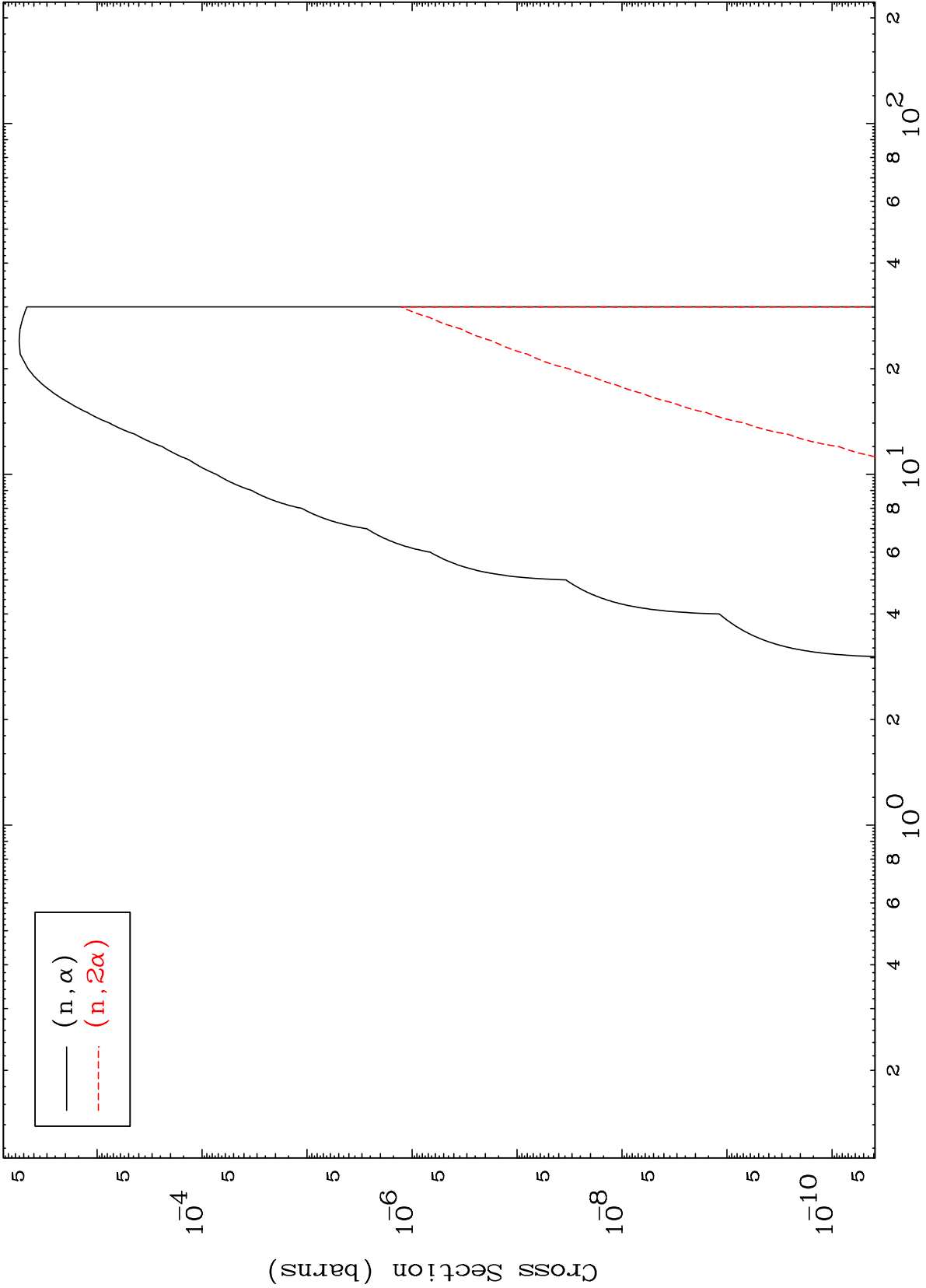
Incident Energy (MeV)

71-Lu-169m

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(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

71-Lu-169m



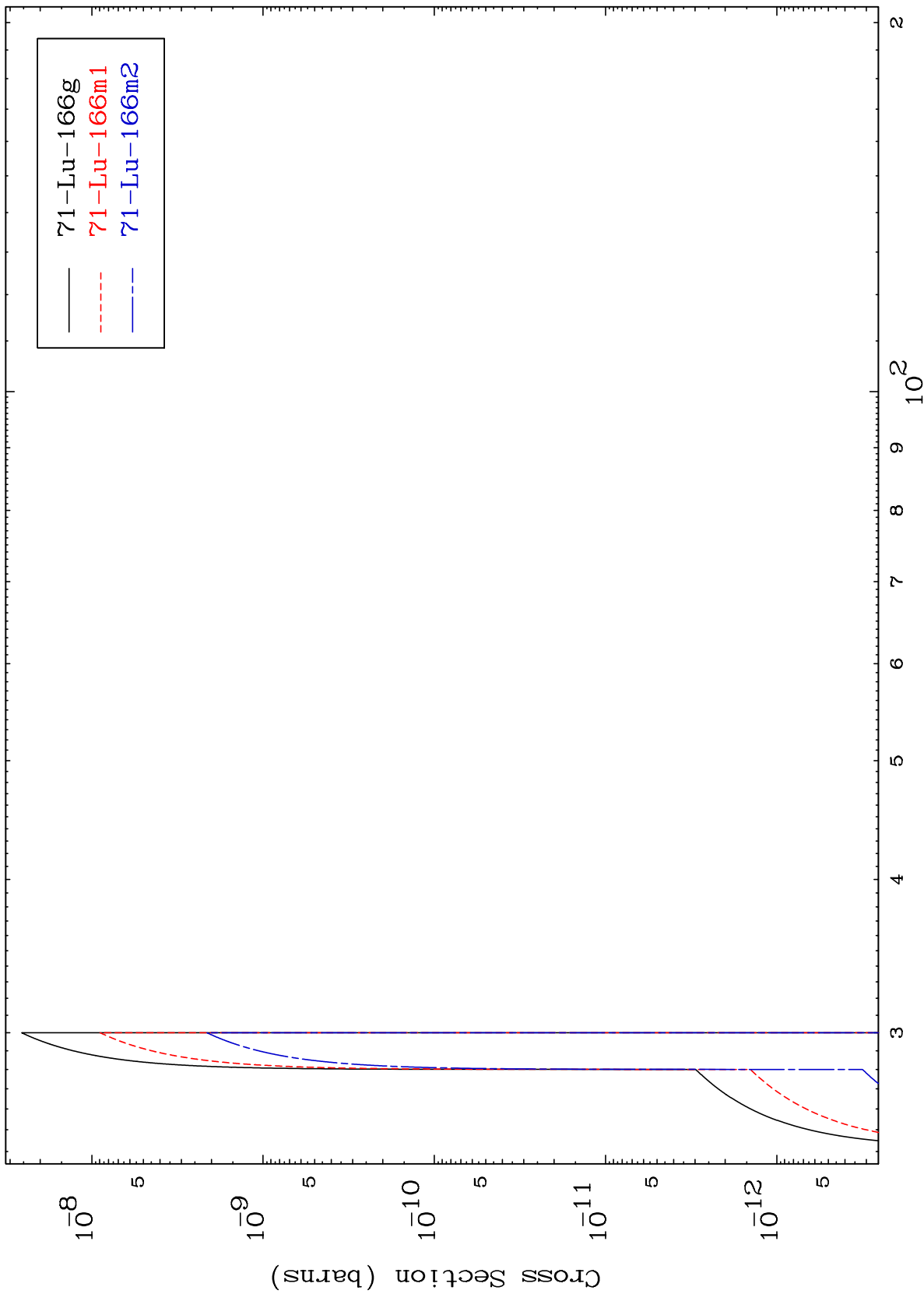
71-Lu-169m

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(n,2n) d

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

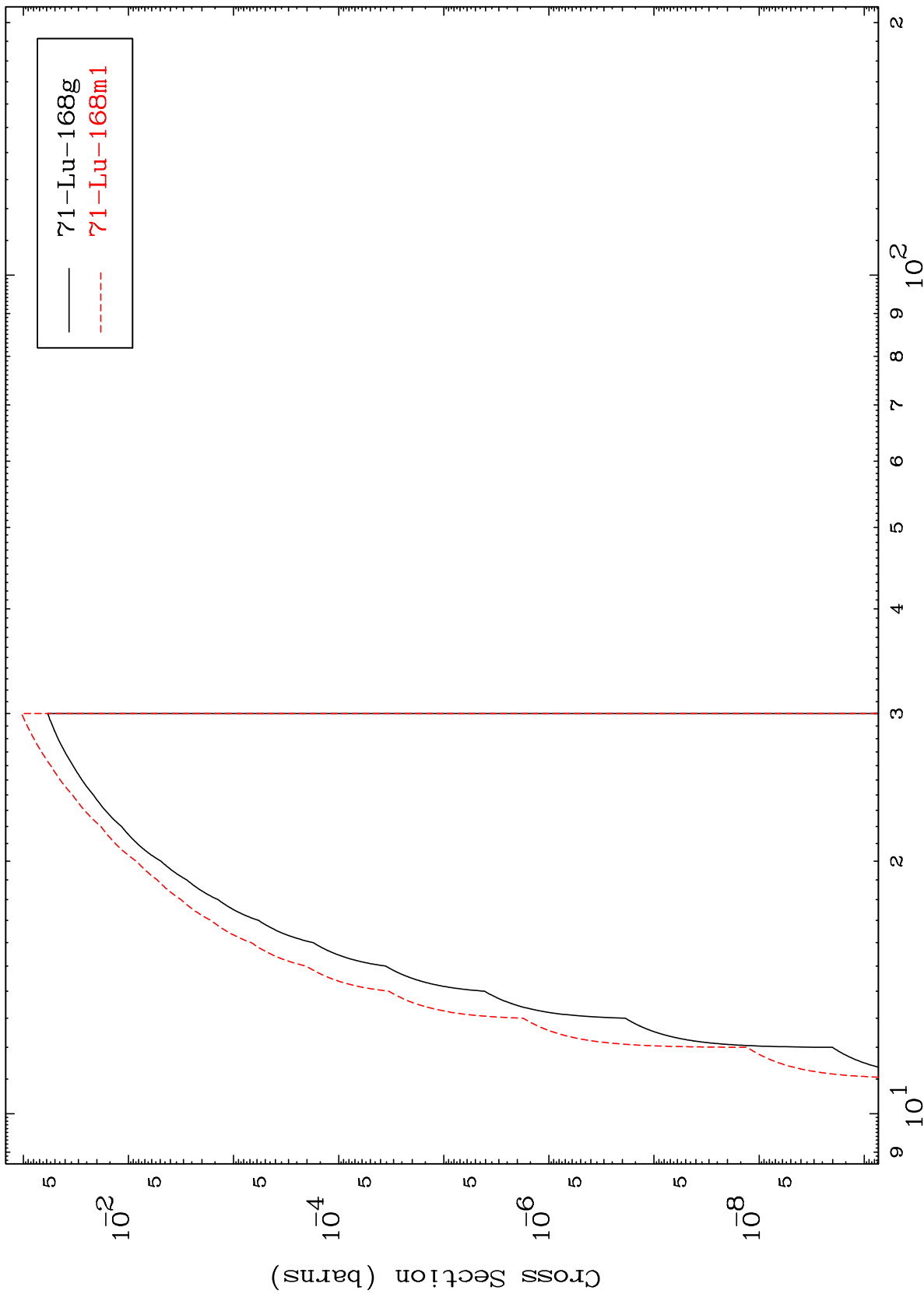
<sup>71</sup>Lu-169m

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(n,n') p

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section



<sup>71</sup>Lu-169m

Incident Energy (MeV)

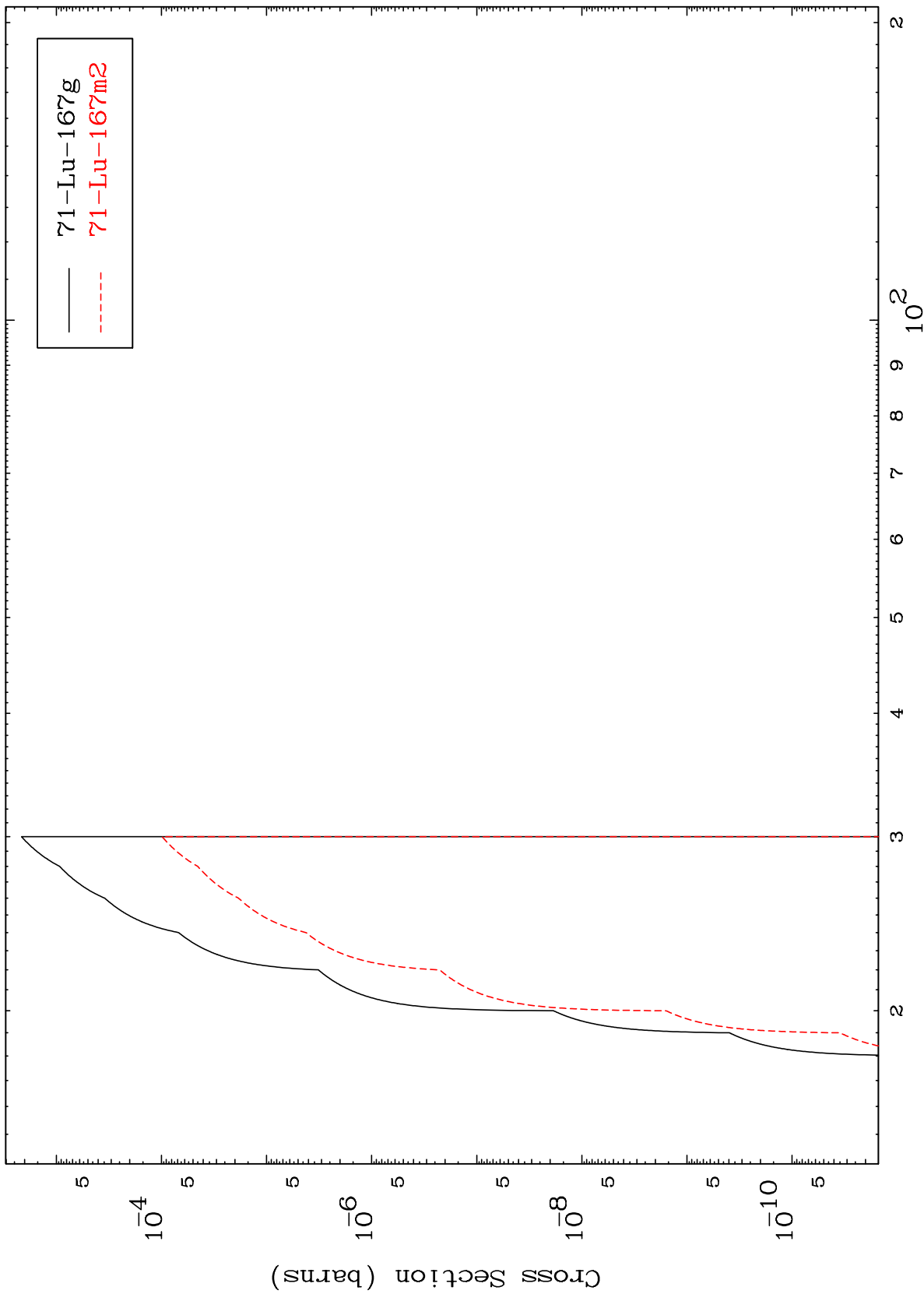
13

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(n,n') d

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

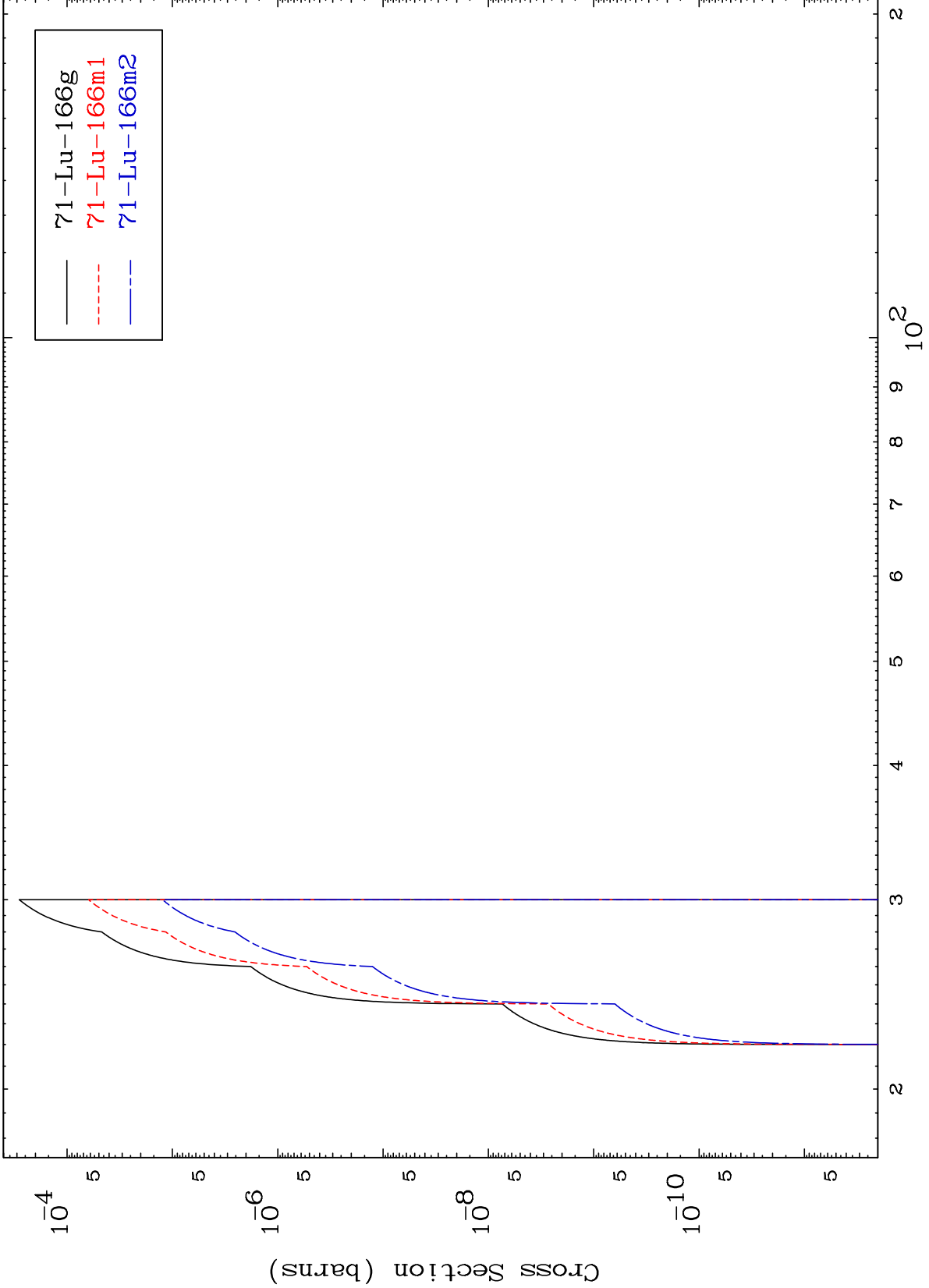
<sup>71</sup>Lu-169m

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(n,n') t

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

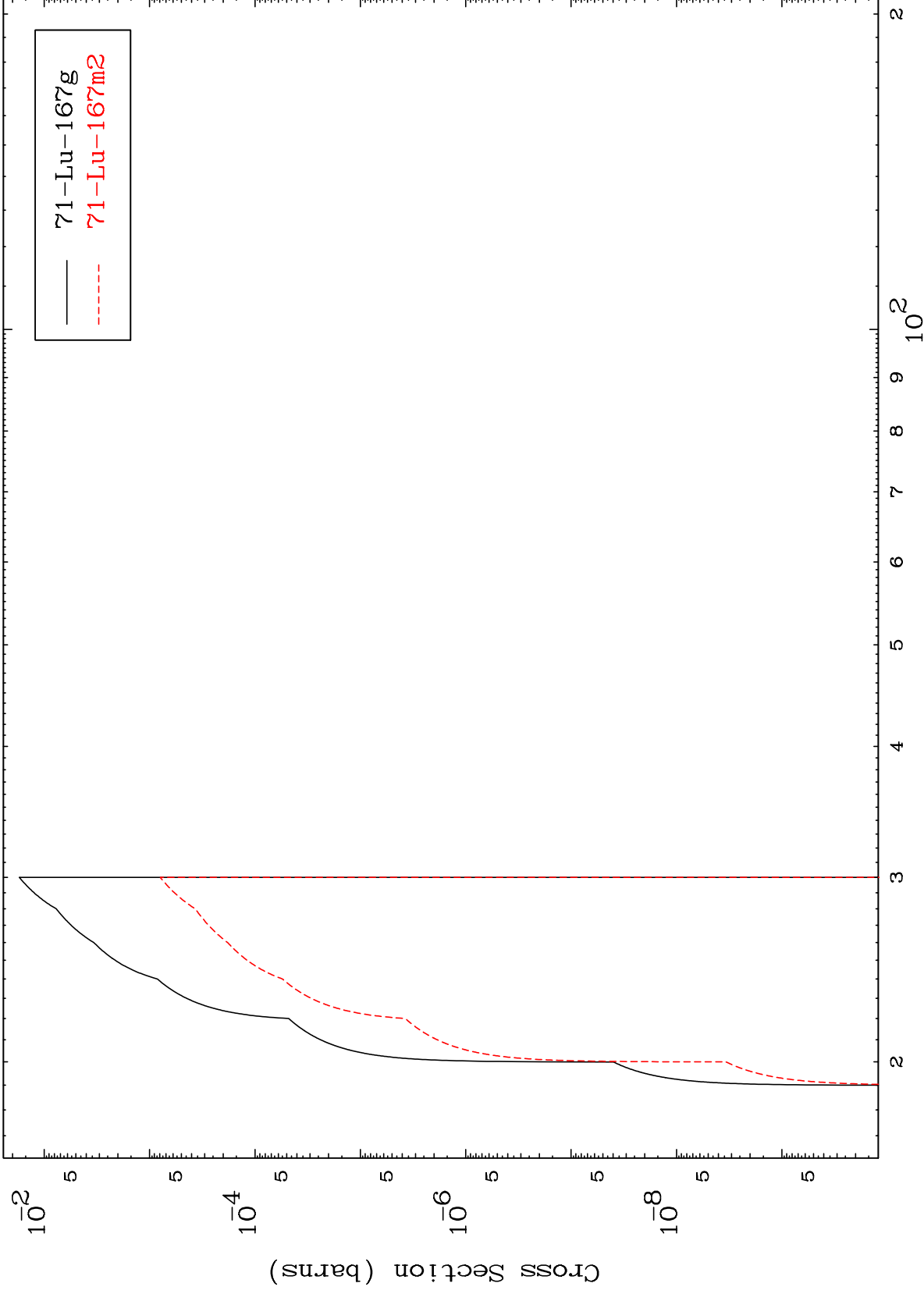
<sup>71</sup>Lu-169m

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(n,2n) p

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

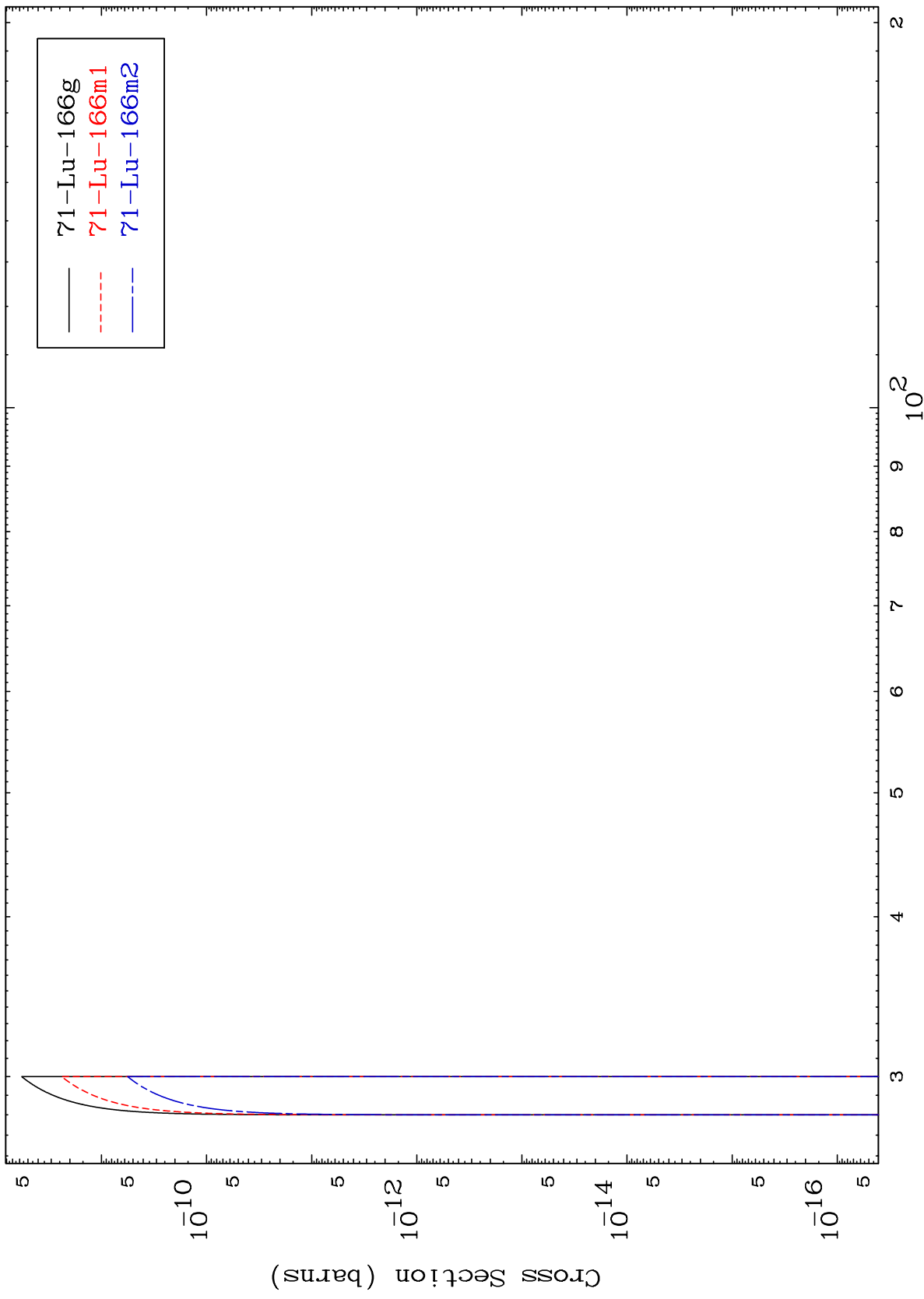
<sup>71</sup>Lu-169m

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(n,3n) p

<sup>71</sup>Lu-169m

Radionuclide Production Cross Section

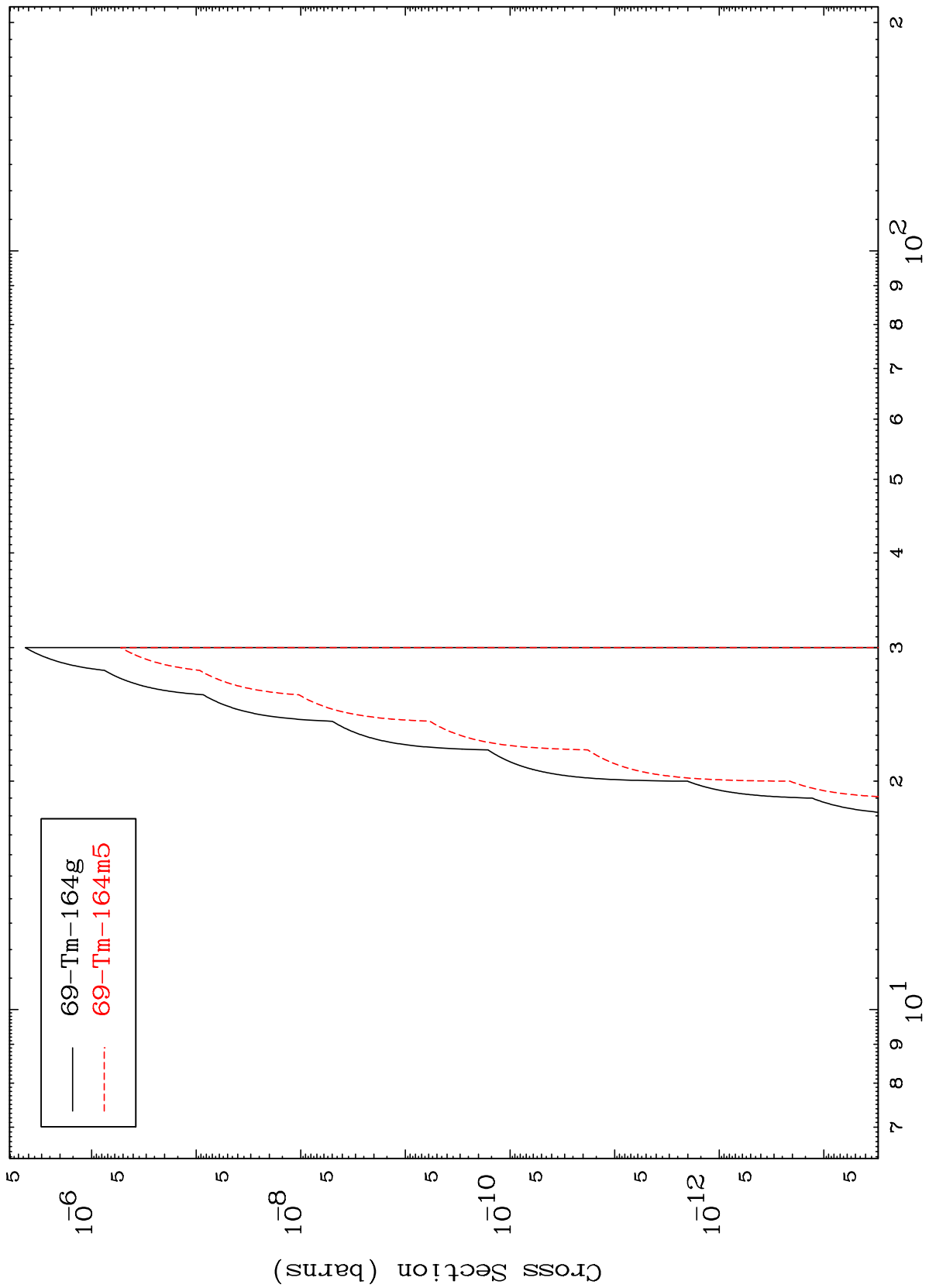


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(n,n') p  $\alpha$

71-Lu-169m

Radionuclide Production Cross Section



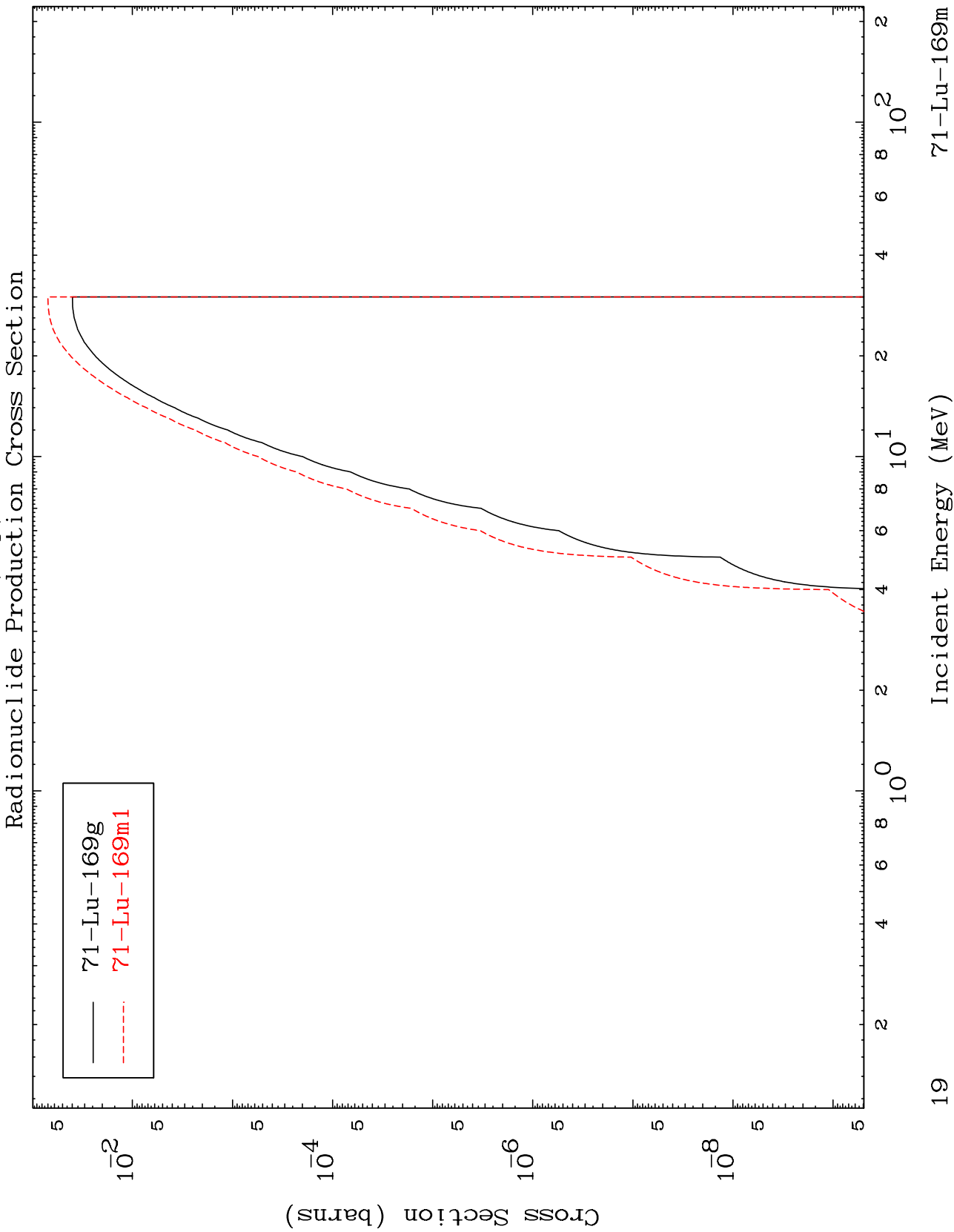
18

Incident Energy (MeV)

71-Lu-169m

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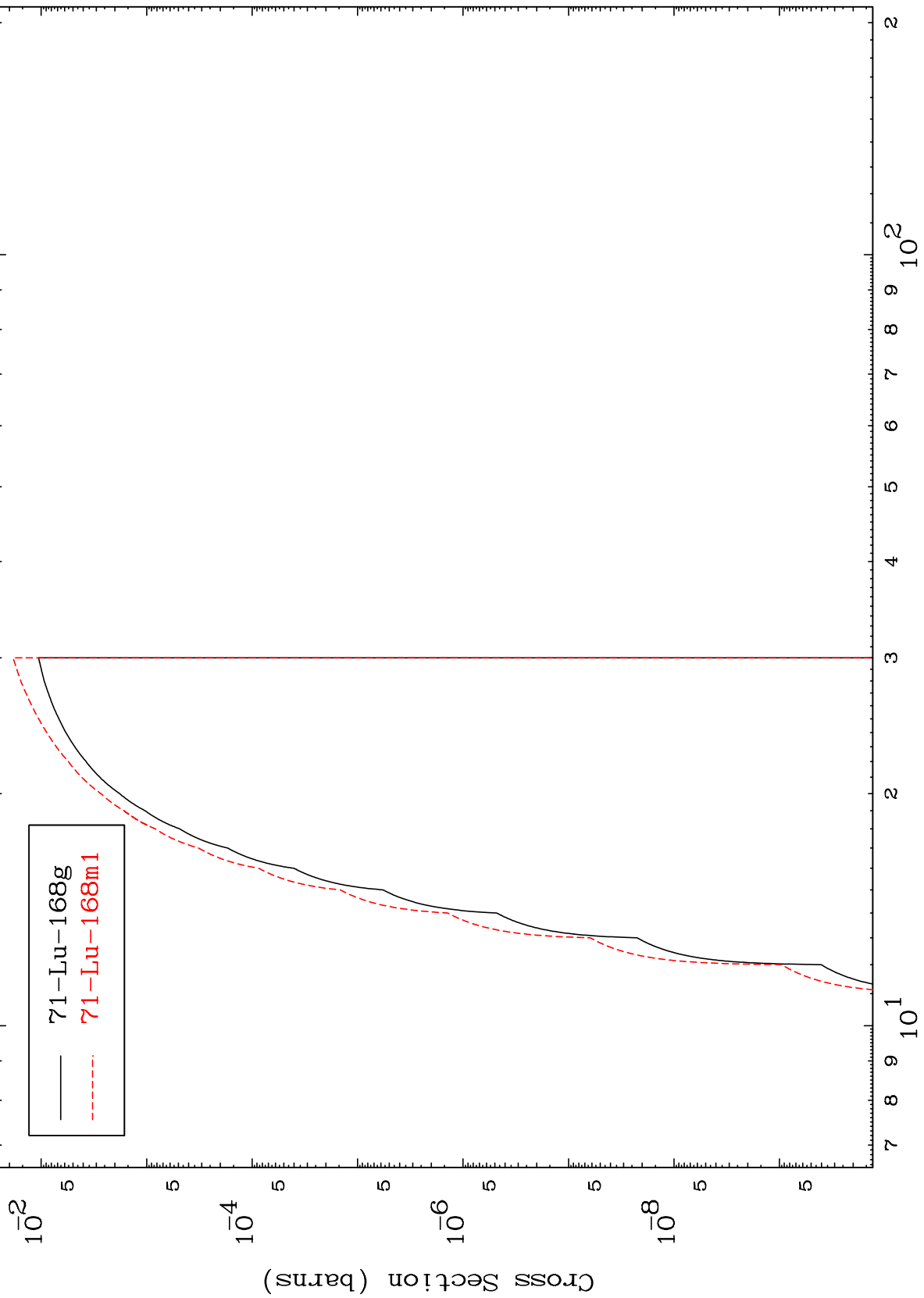
<sup>71</sup>Lu-169m



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<sup>71</sup>Lu-169m

(n,d)  
Radionuclide Production Cross Section



Incident Energy (MeV)

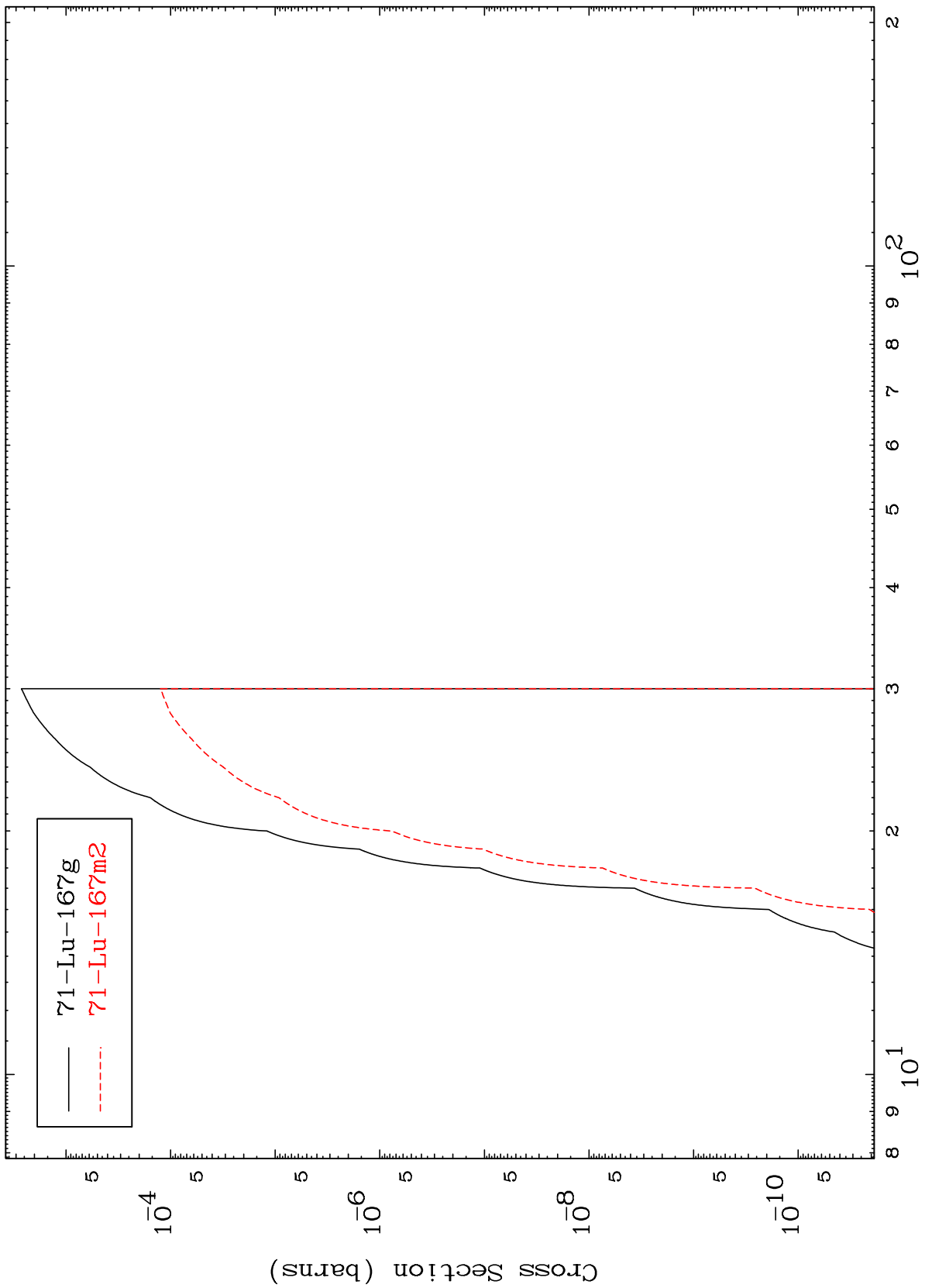
<sup>71</sup>Lu-169m

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<sup>71</sup>Lu-169m

(n,t)  
Radionuclide Production Cross Section



— <sup>71</sup>Lu-167g  
- - - <sup>71</sup>Lu-167m2

<sup>71</sup>Lu-169m

Incident Energy (MeV)

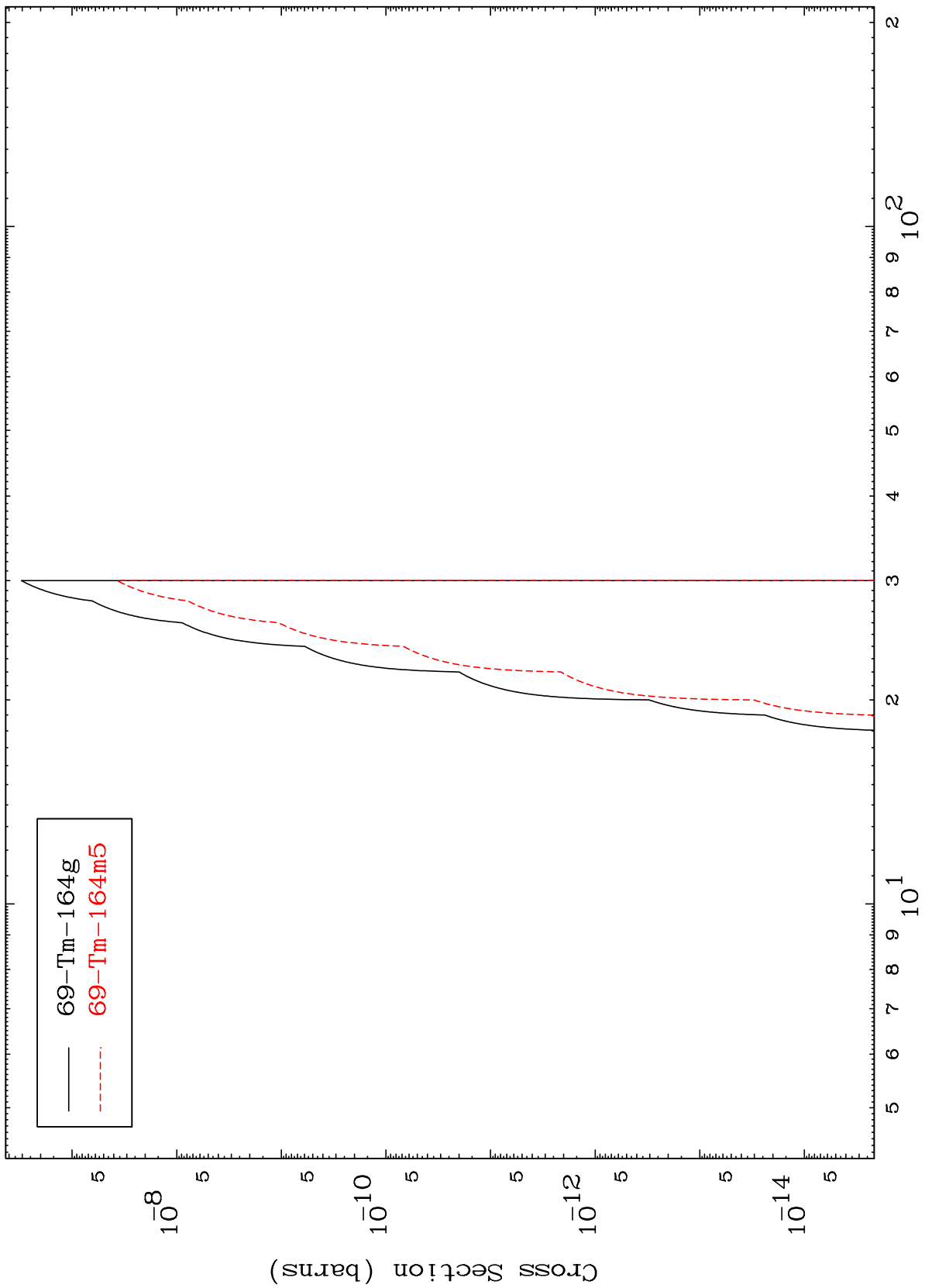
21

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(n,d)  $\alpha$

71-Lu-169m

Radionuclide Production Cross Section



69-Tm-164g  
69-Tm-164m5