

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

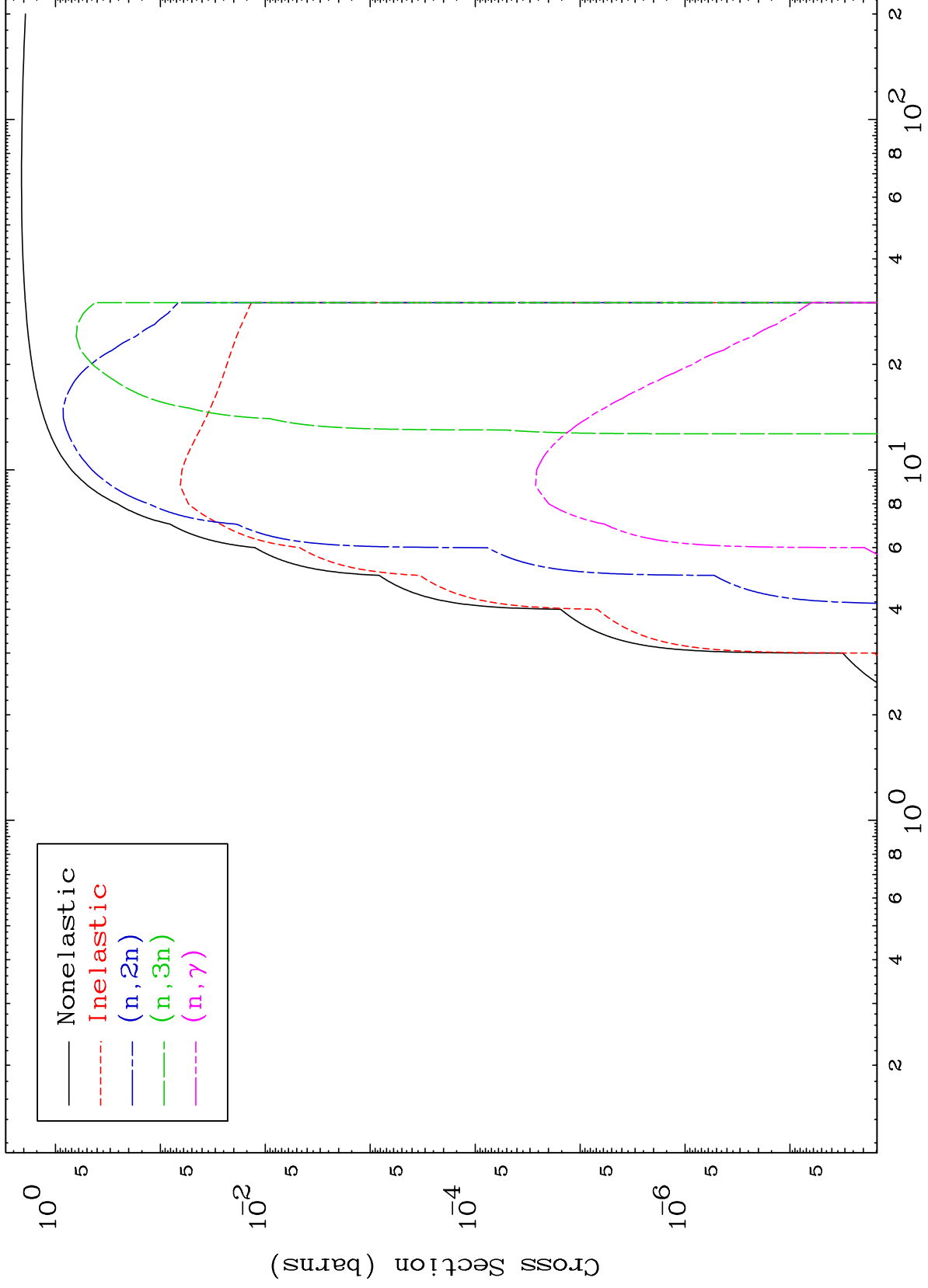
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

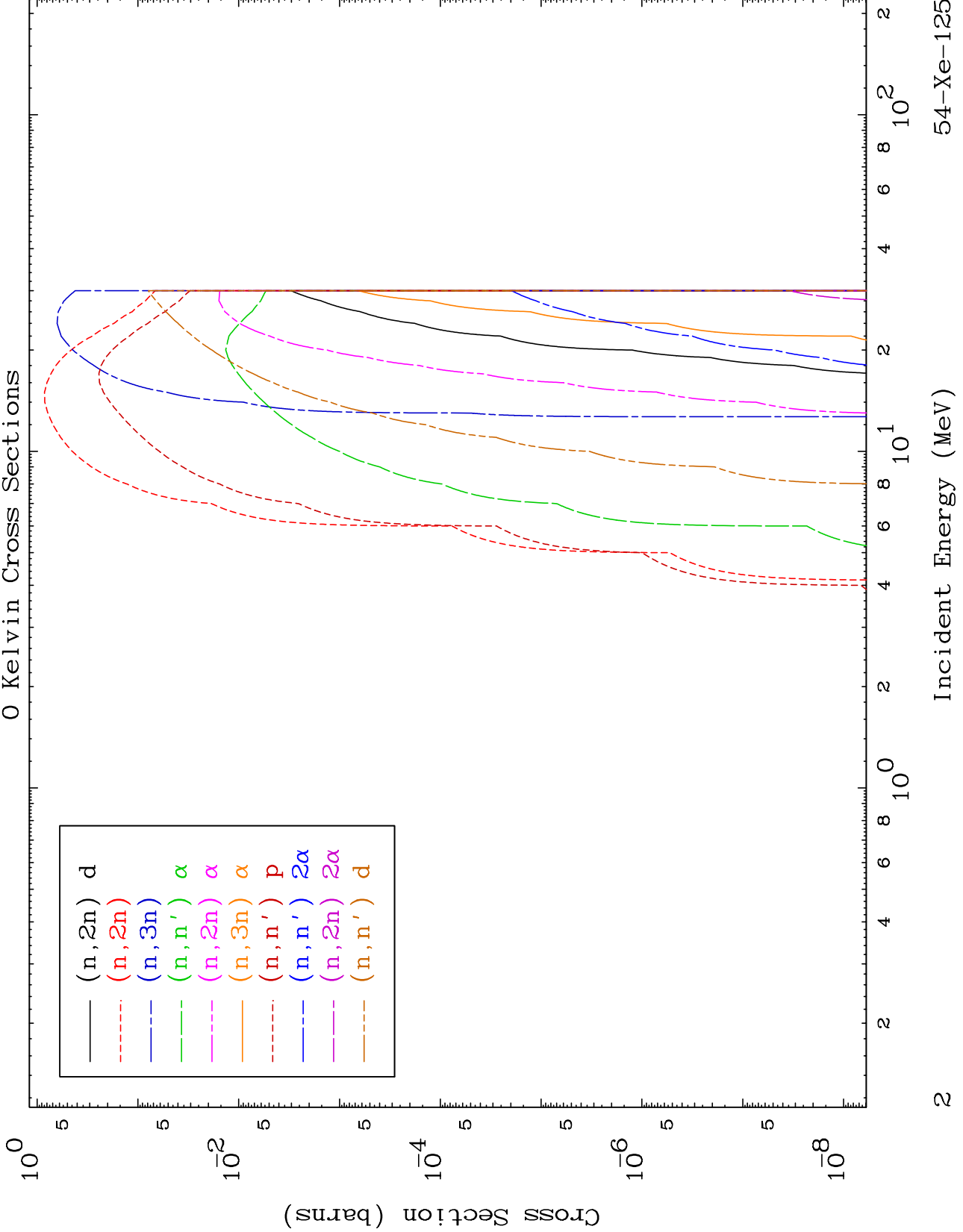
Press Mouse Button to Start

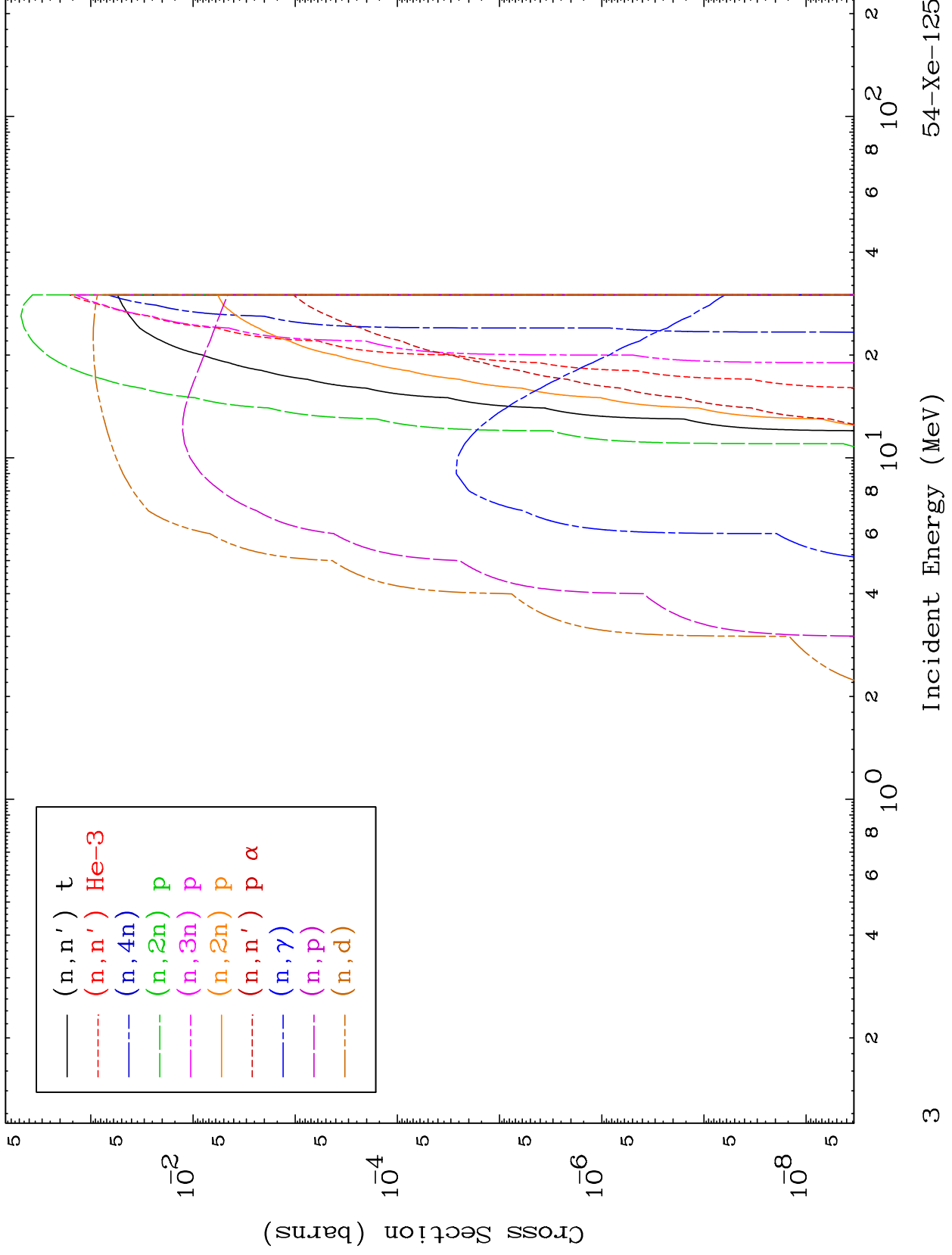


MAT 5428

Triton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-125

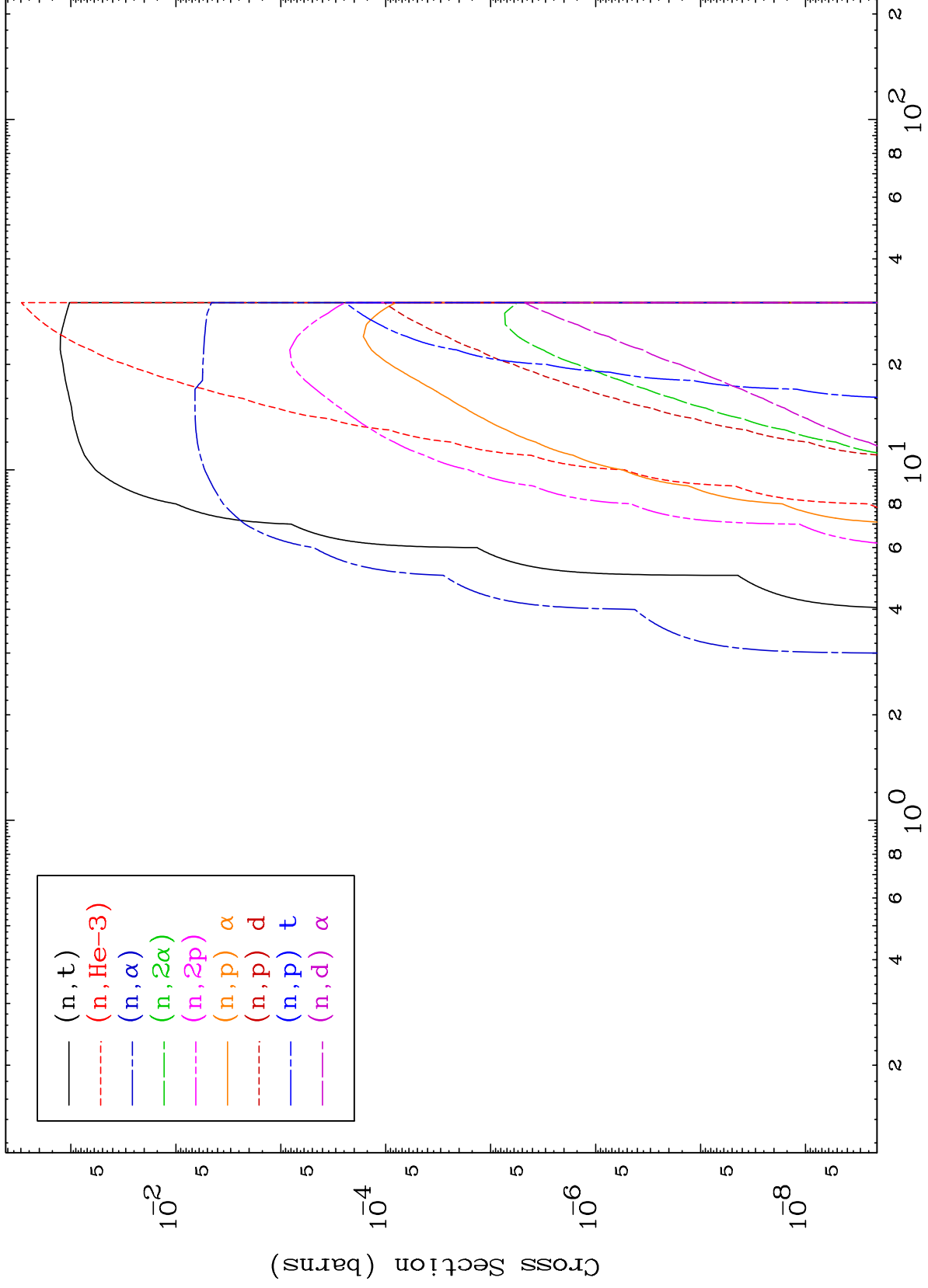




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Triton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-125



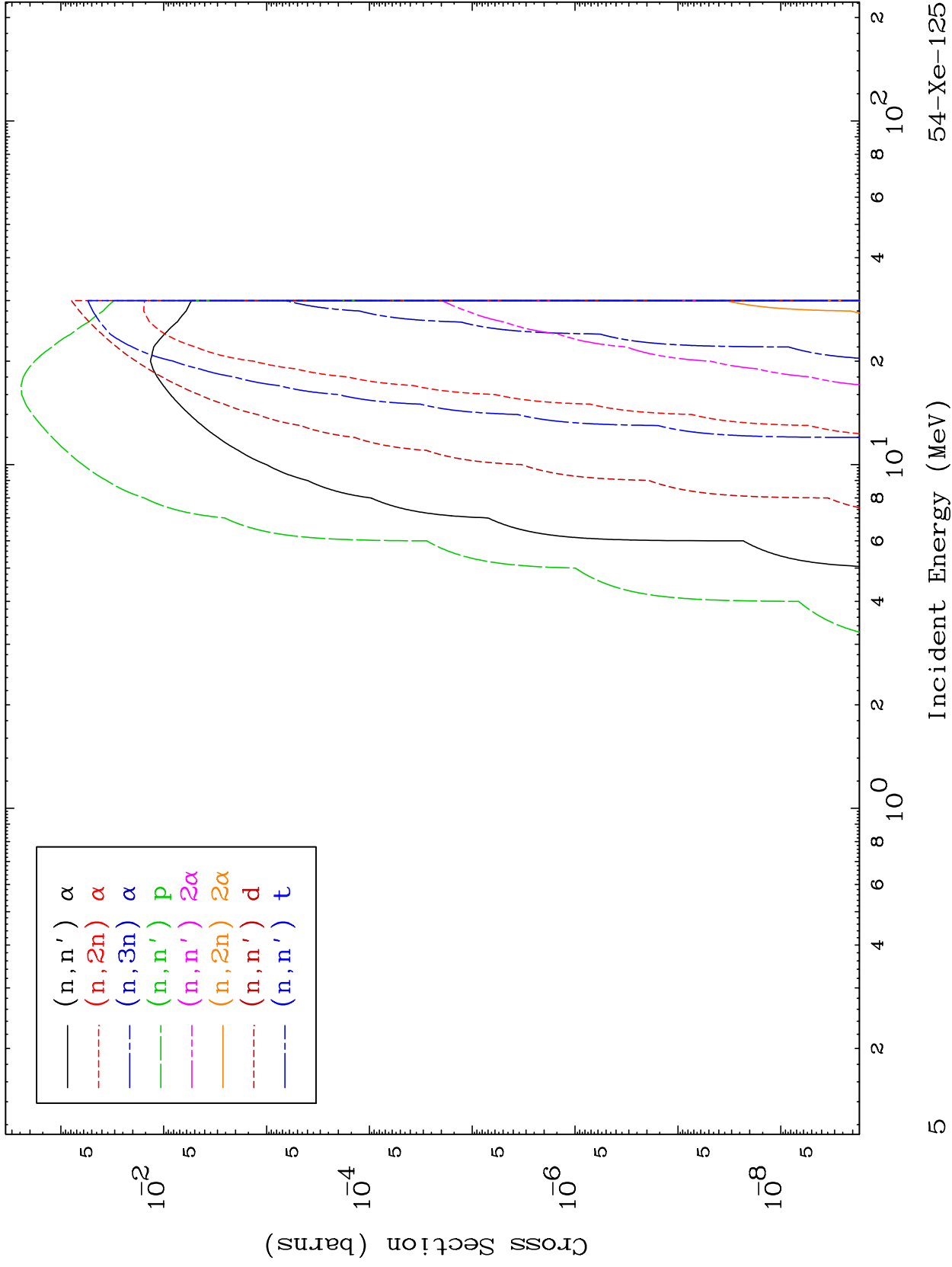
54-Xe-125

Incident Energy (MeV)

MAT 5428

Triton Charged Particle  
0 Kelvin Cross Sections

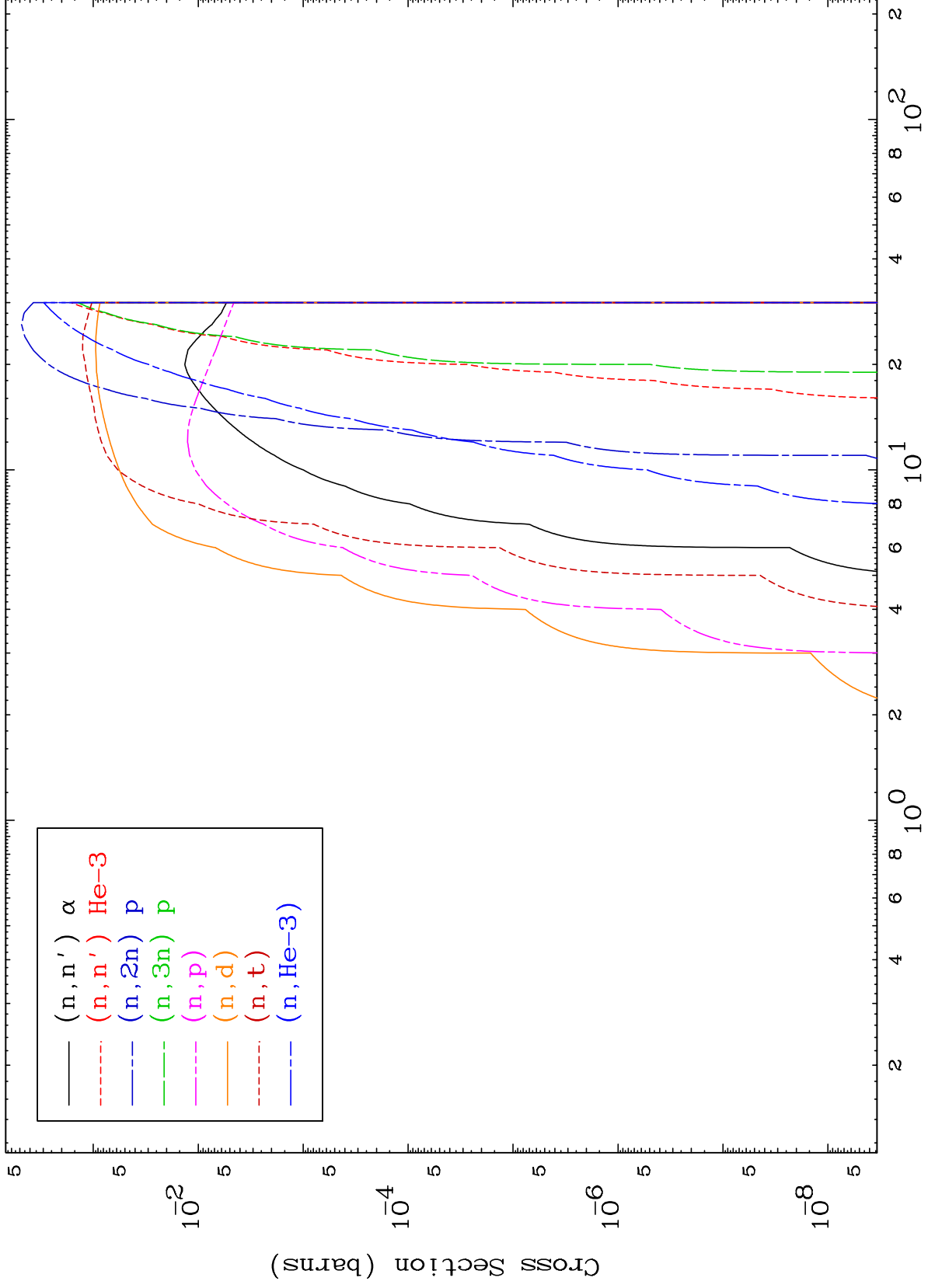
54-Xe-125

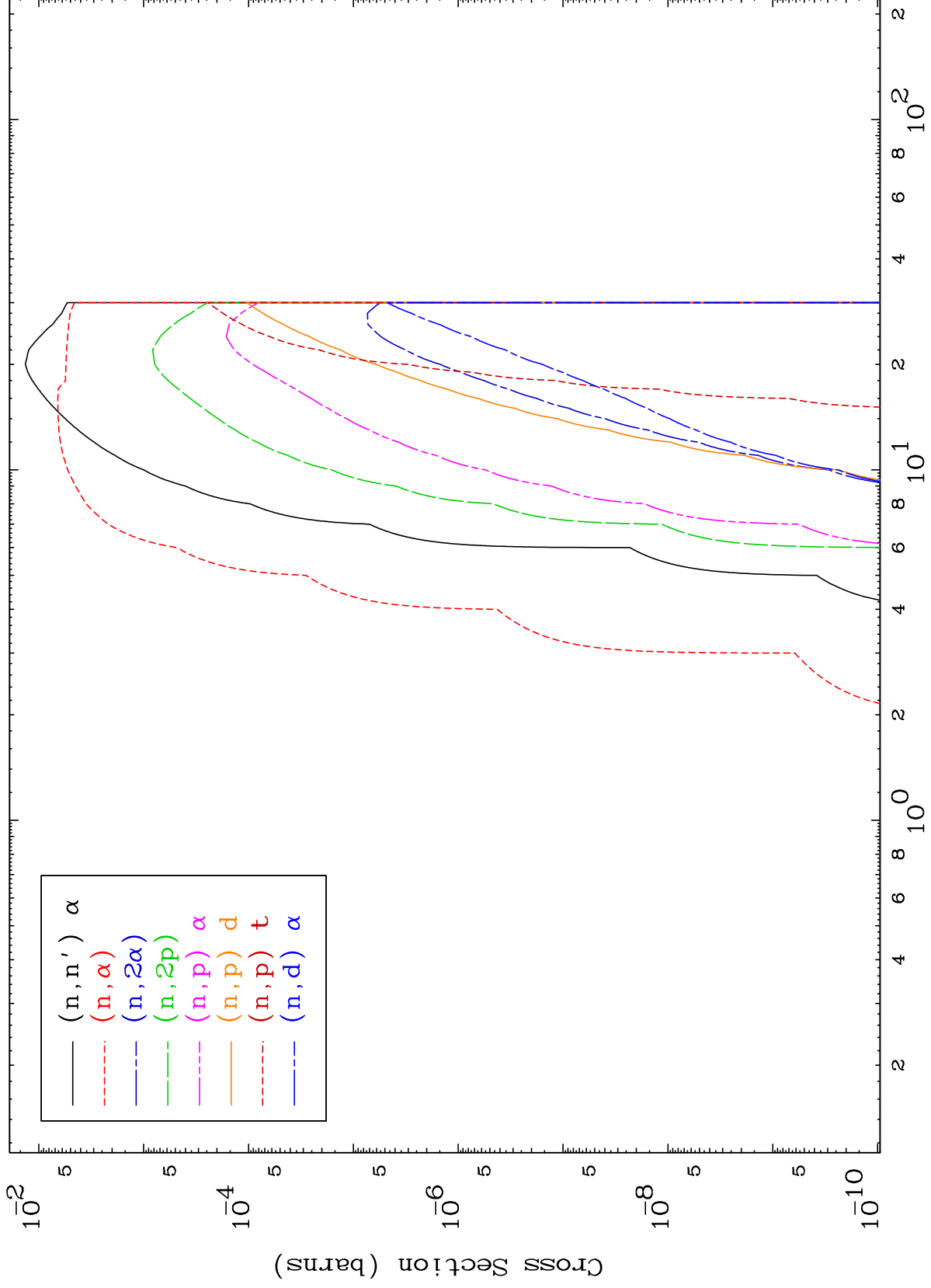


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Triton Charged Particle  
0 Kelvin Cross Sections

54-Xe-125

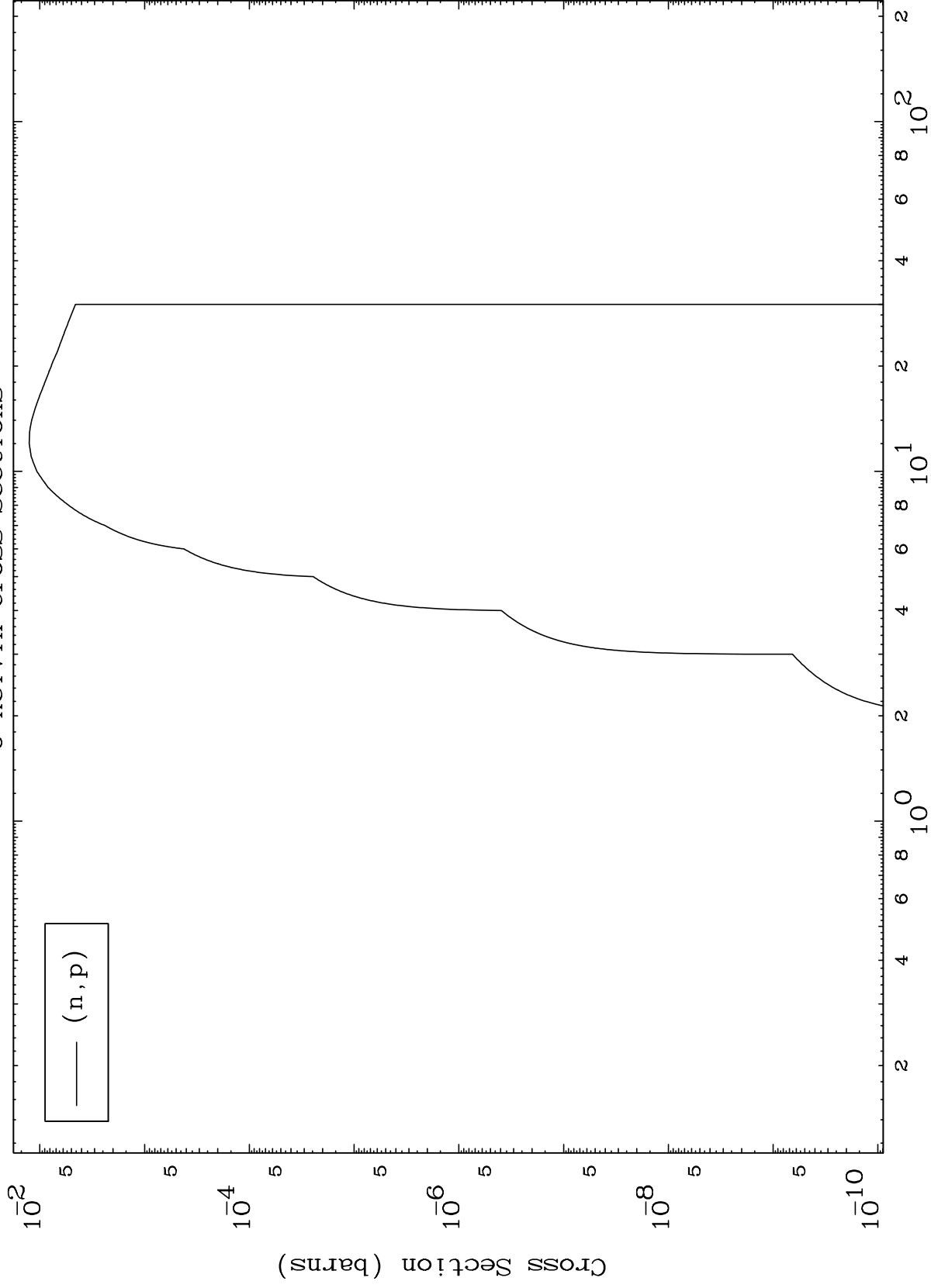




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54-Xe-125

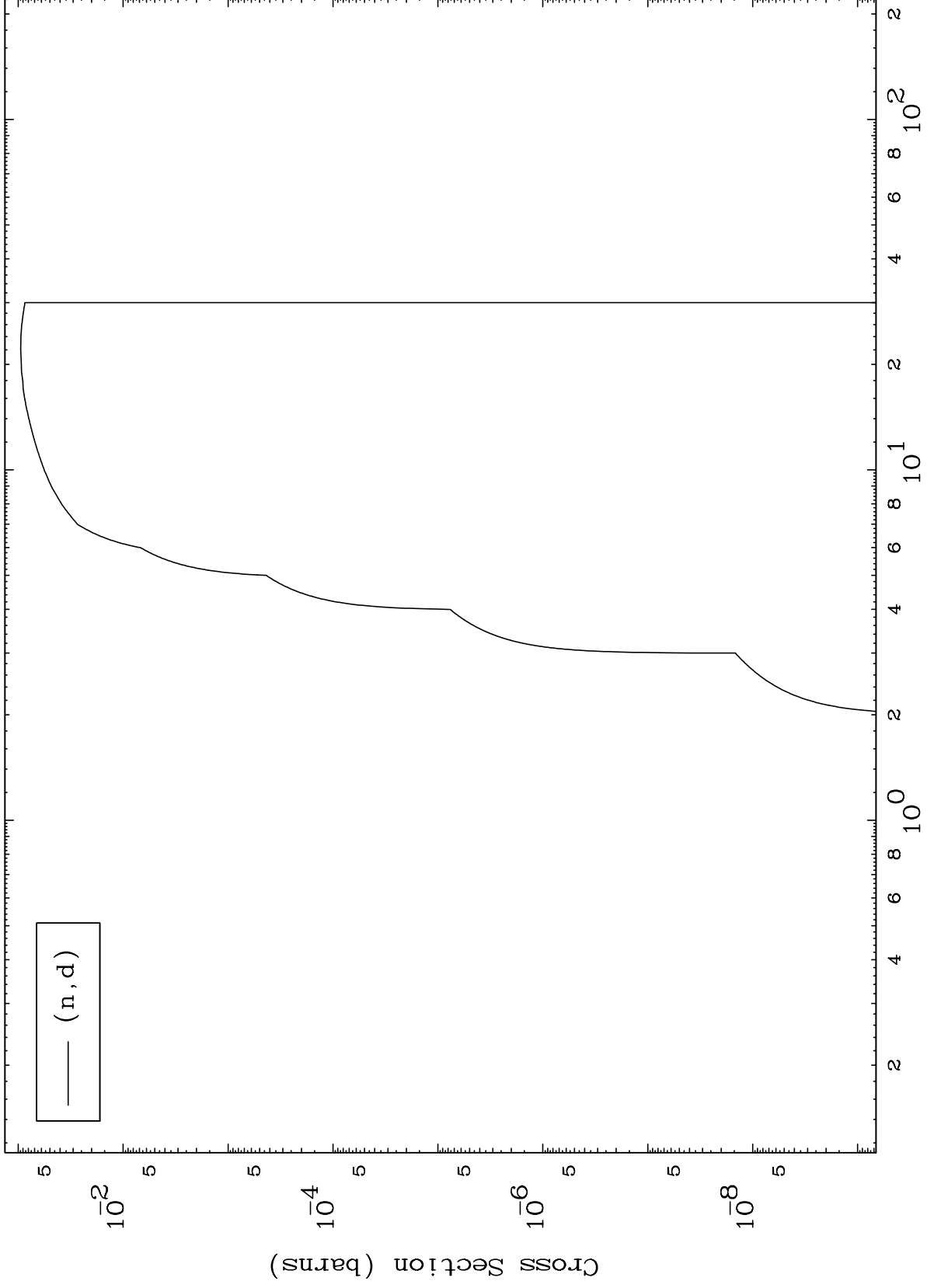
(t,p) Levels  
0 Kelvin Cross Sections



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(t,d) Levels  
0 Kelvin Cross Sections

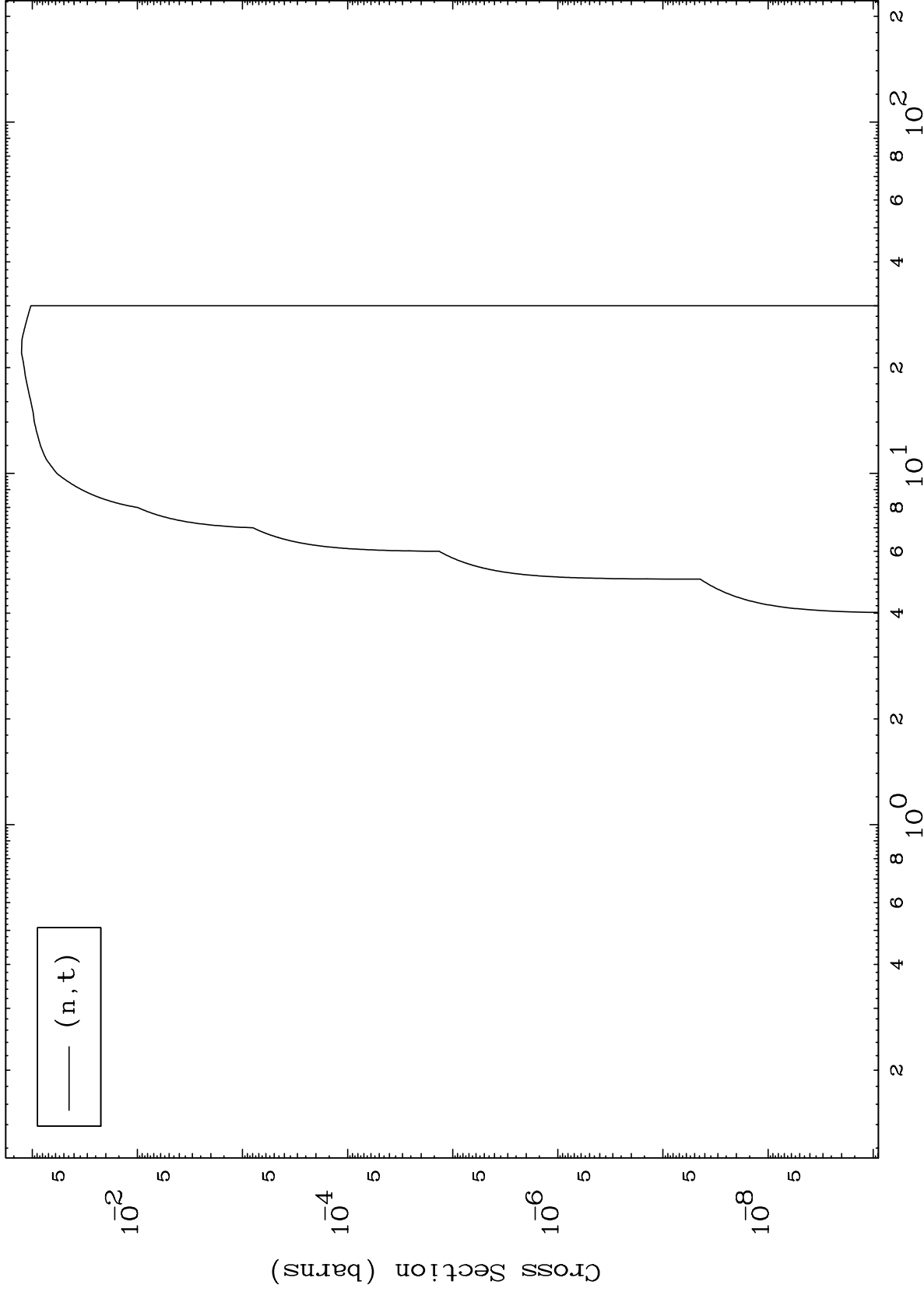
54-Xe-125



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(t, t) Levels  
0 Kelvin Cross Sections

54-Xe-125



10

Incident Energy (MeV)

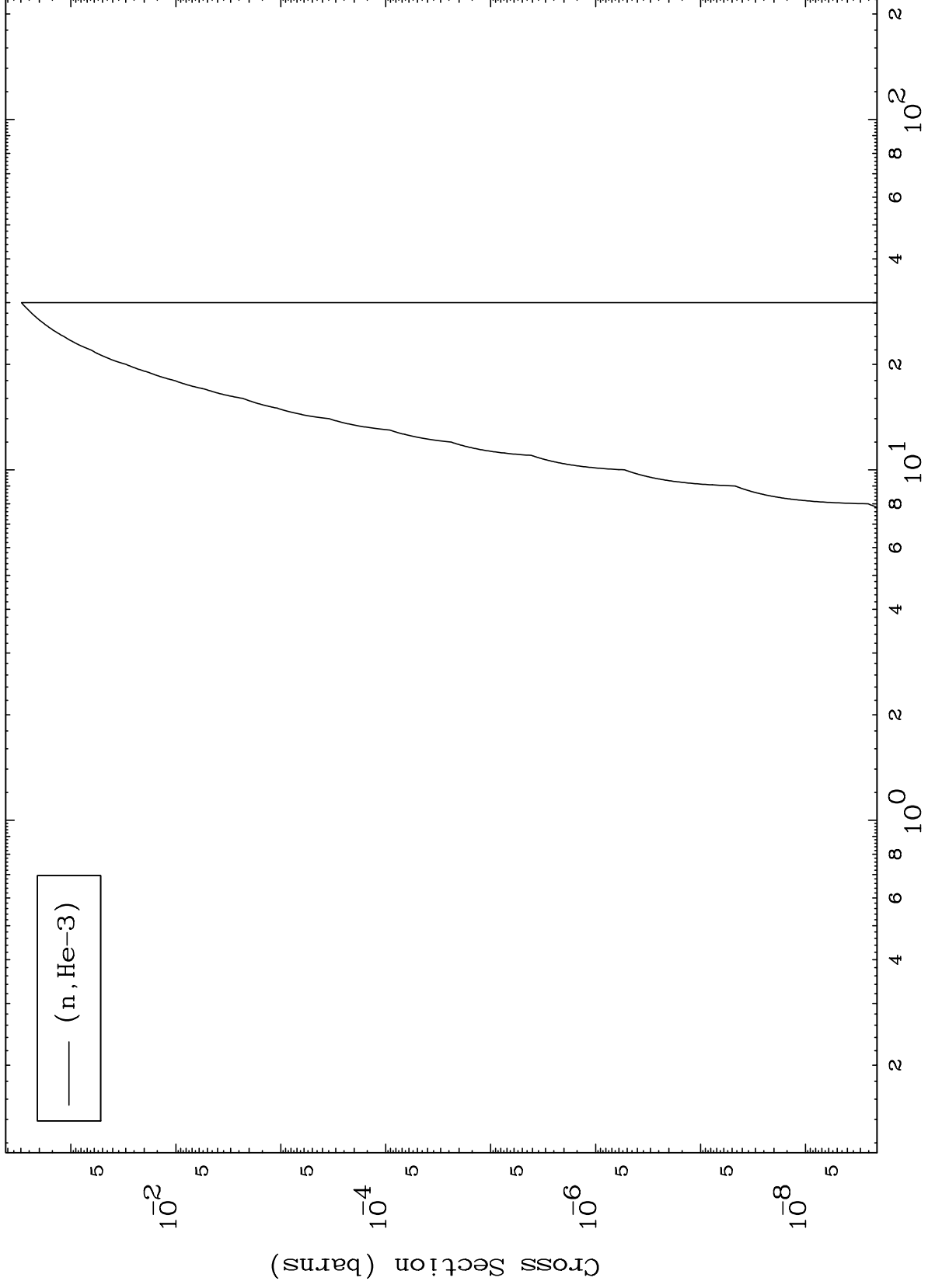
54-Xe-125

MAT 5428

(t,He3) Levels

54-Xe-125

0 Kelvin Cross Sections

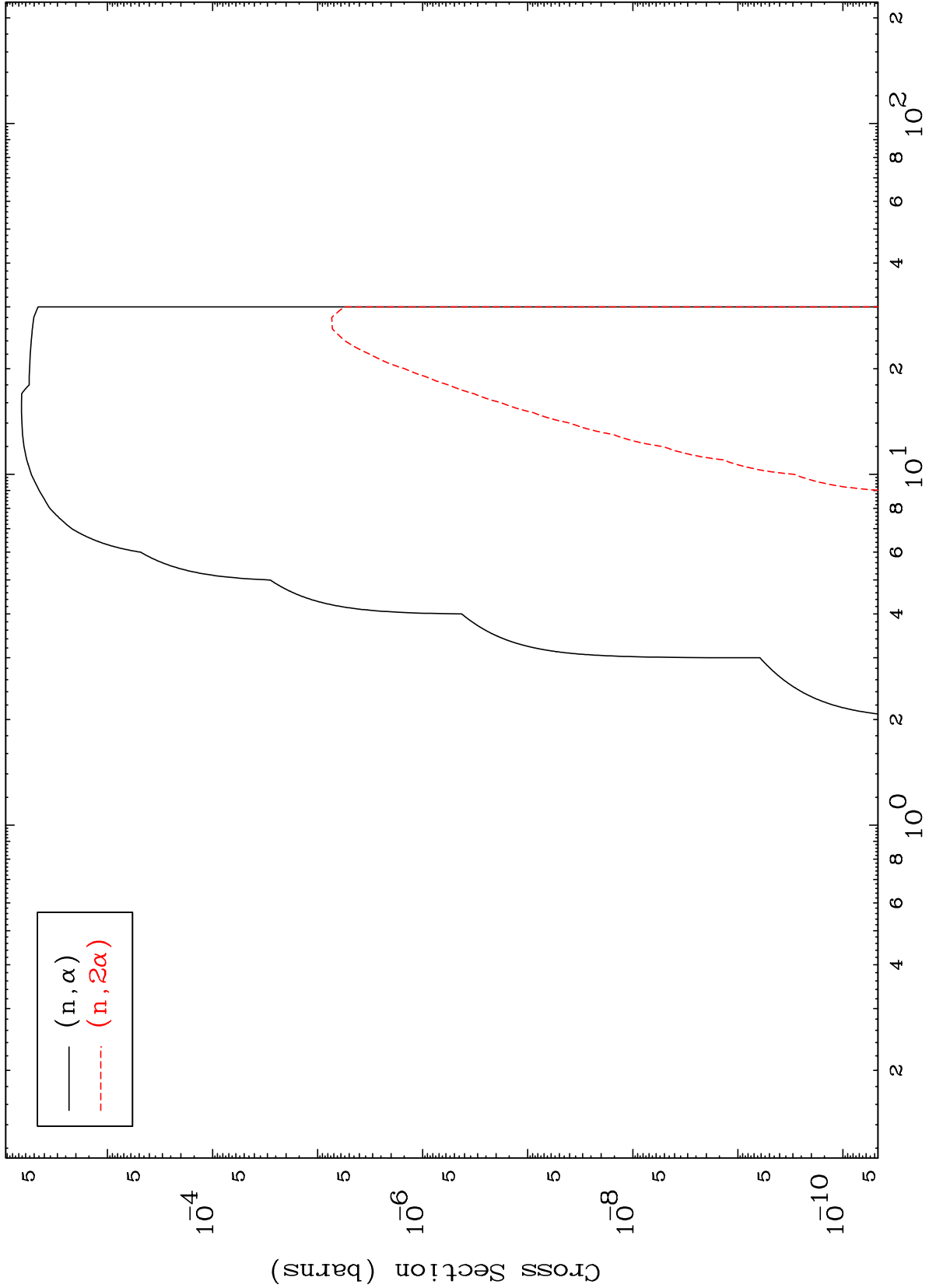


MAT 5428

(t,  $\alpha$ ) Levels

54-Xe-125

0 Kelvin Cross Sections

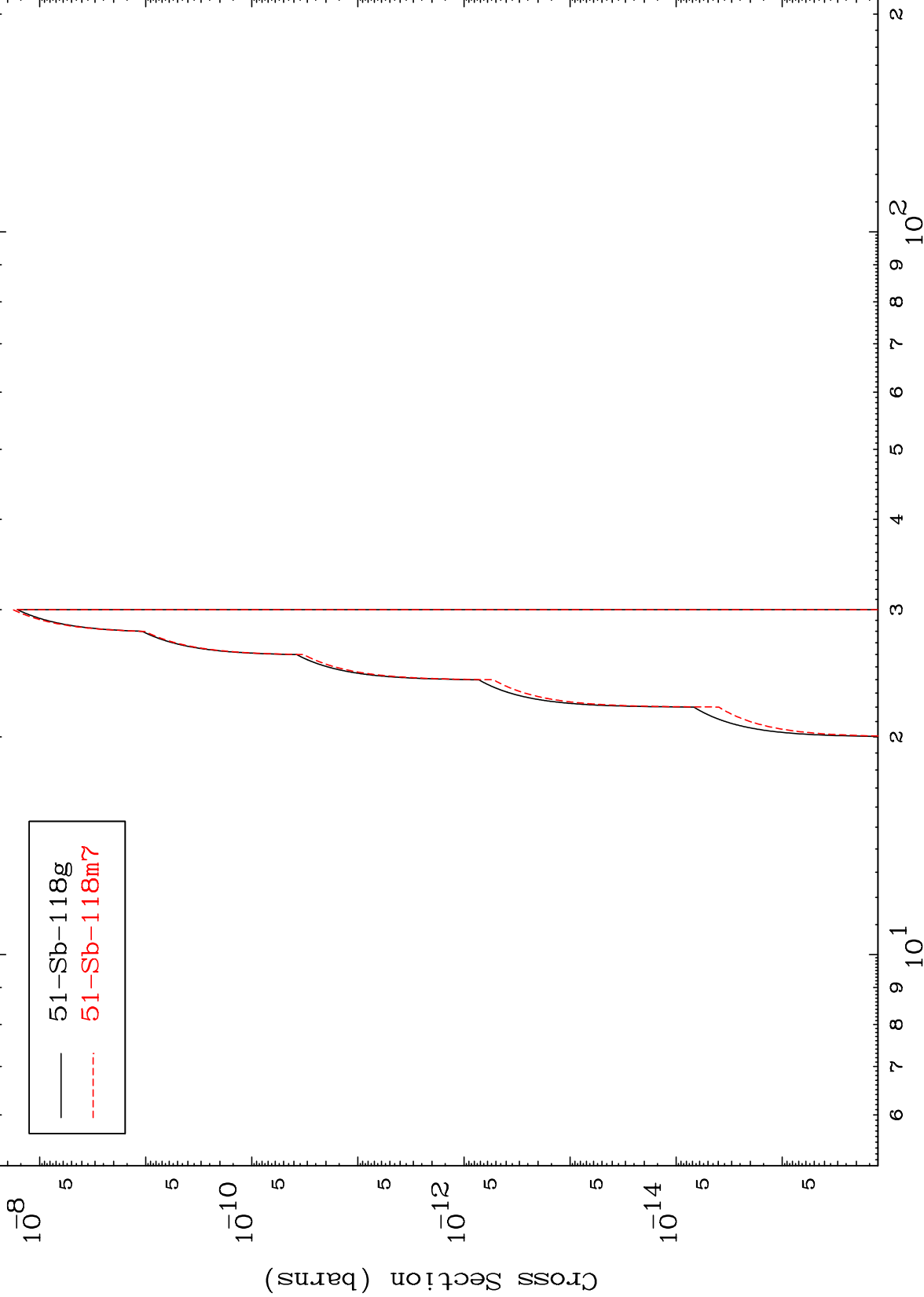


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(n,2n) 2α

54-Xe-125

Radionuclide Production Cross Section



51-Sb-118g  
51-Sb-118m7

13

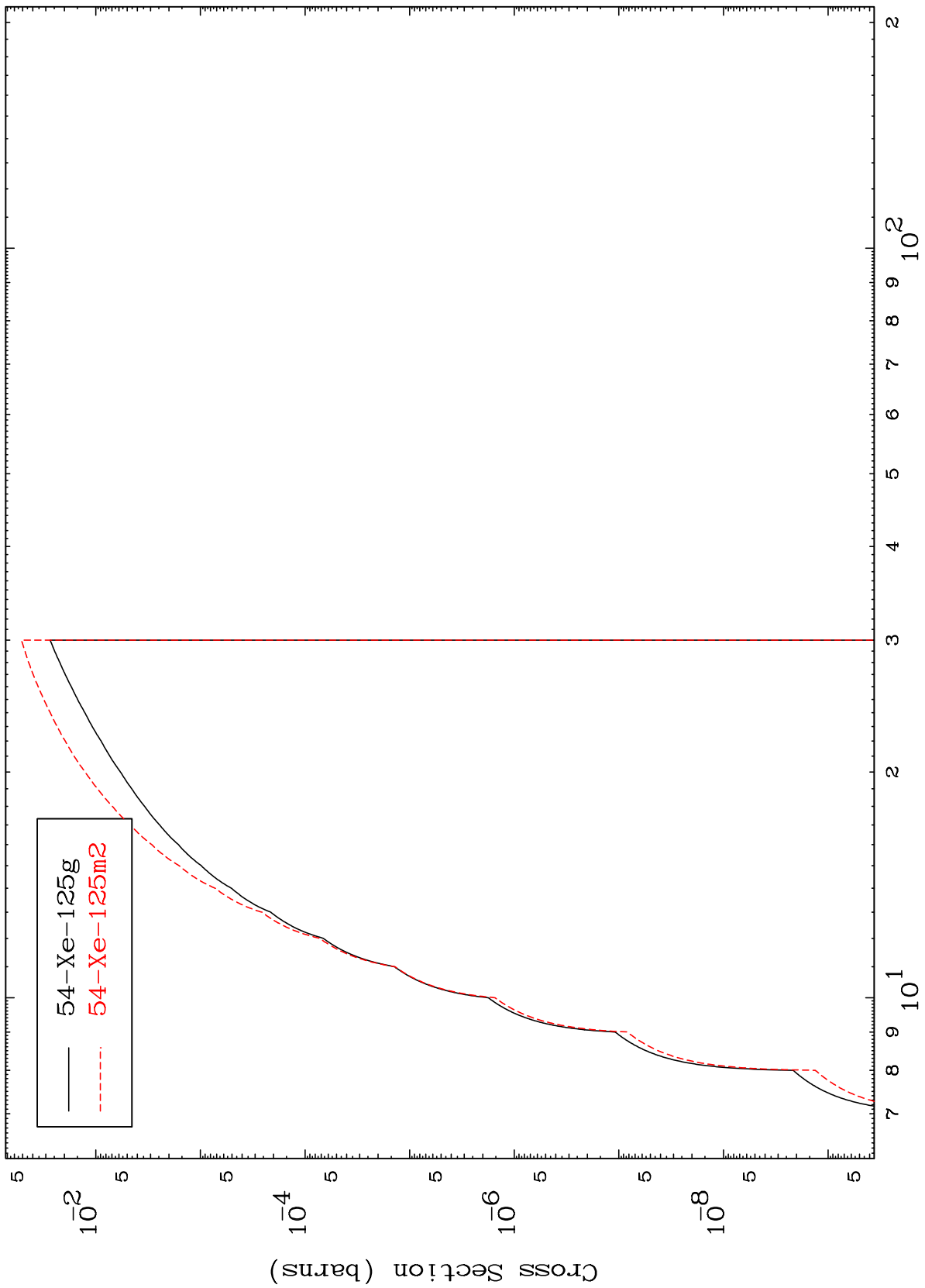
Incident Energy (MeV)

54-Xe-125

MAT 5428

54-Xe-125

(n,n') d  
Radionuclide Production Cross Section



54-Xe-125

Incident Energy (MeV)

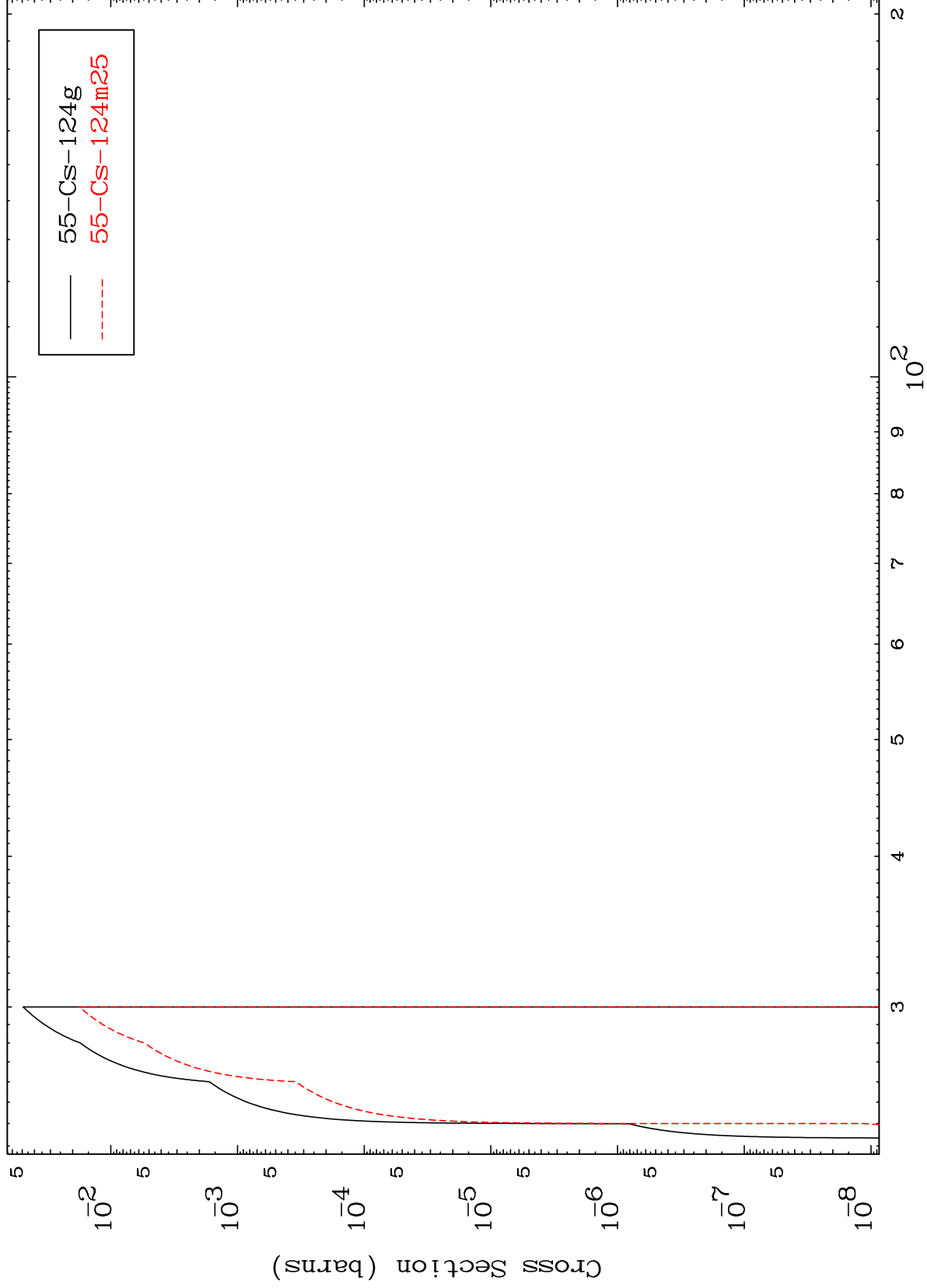
14

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(n,4n)

54-Xe-125

Radionuclide Production Cross Section



15

Incident Energy (MeV)

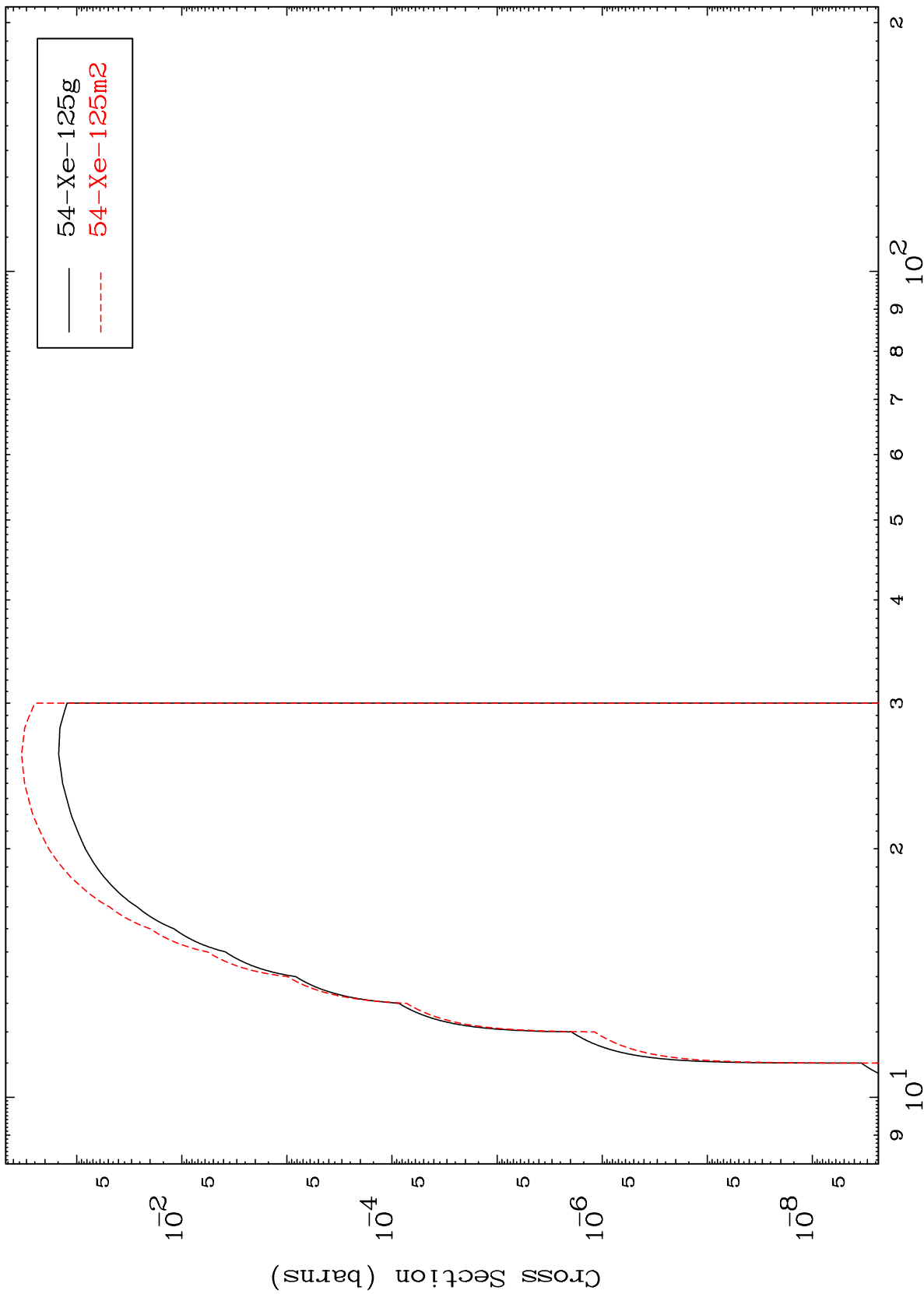
54-Xe-125

MAT 5428

(n,2n) p

54-Xe-125

Radionuclide Production Cross Section



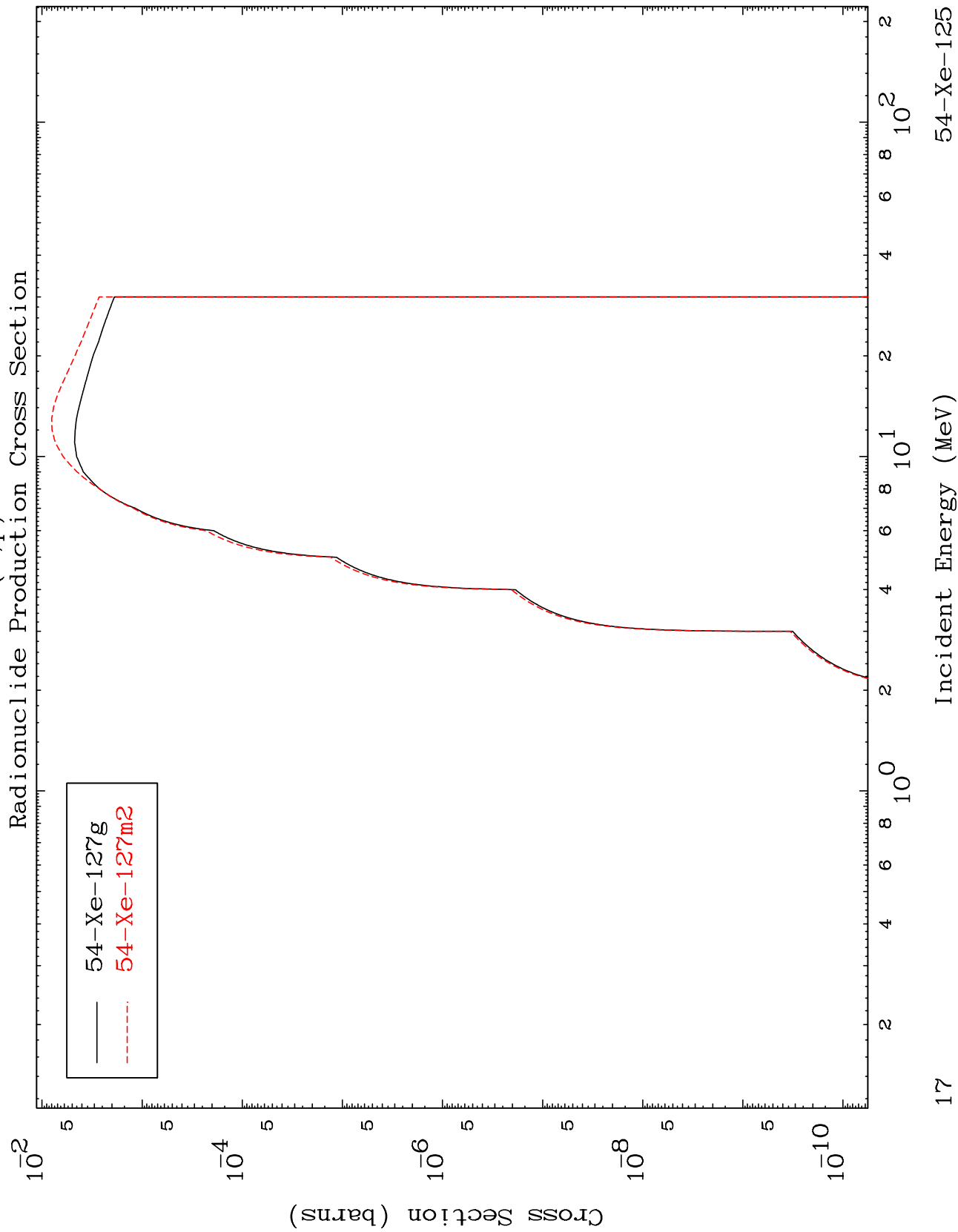
16

Incident Energy (MeV)

54-Xe-125

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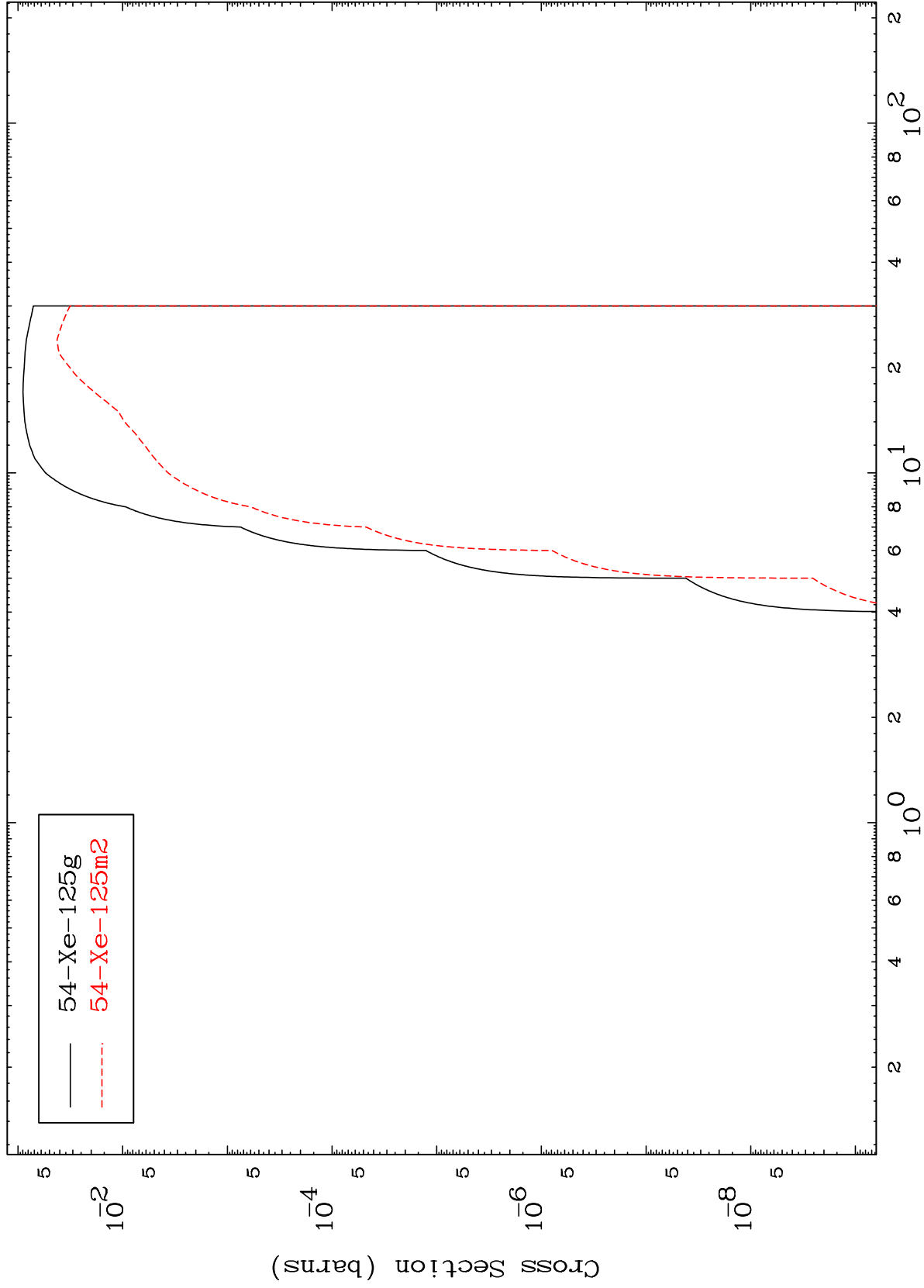
54-Xe-125



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54-Xe-125

Radionuclide Production Cross Section



18

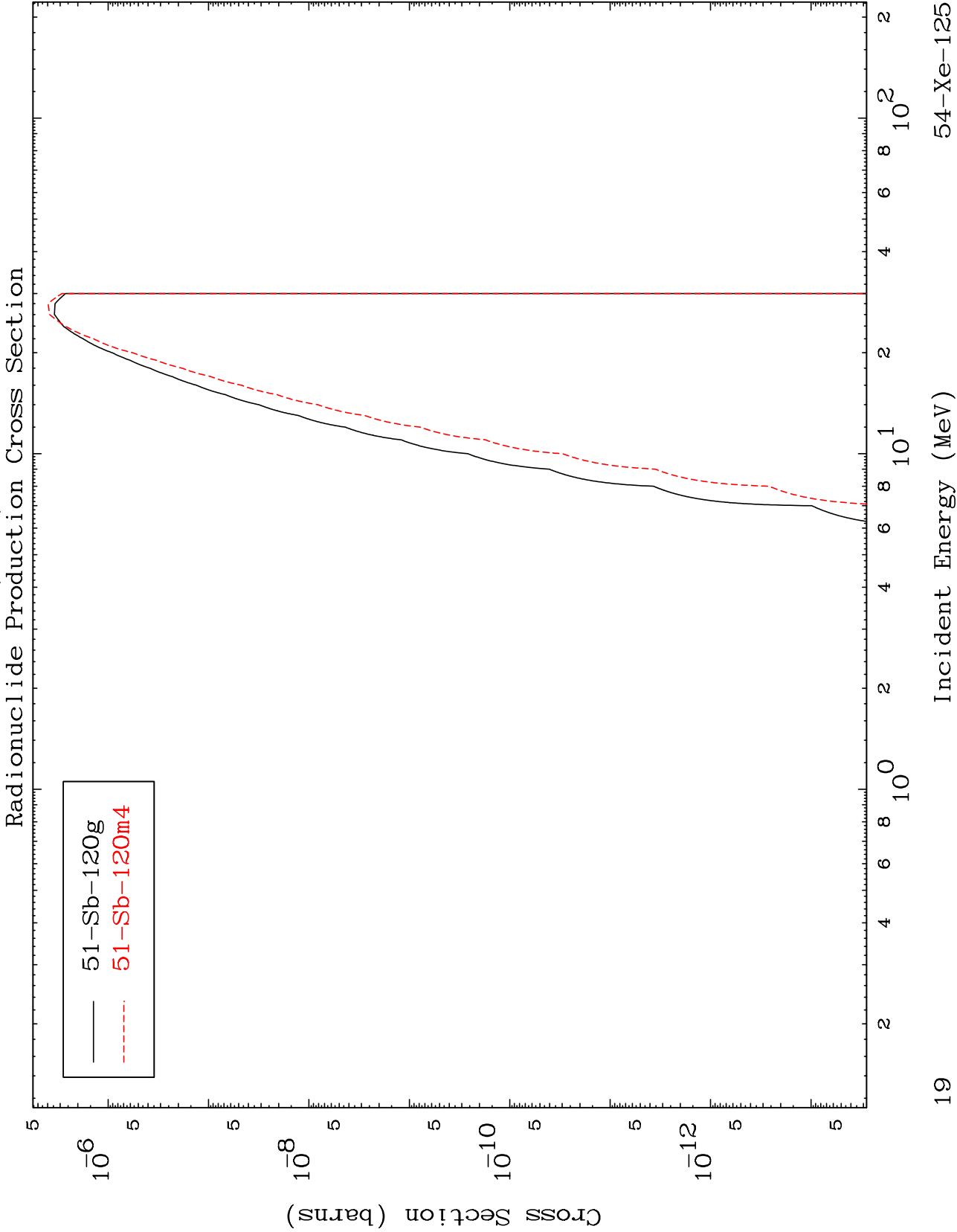
54-Xe-125

Incident Energy (MeV)

MAT 5428

(n,2α)

54-Xe-125

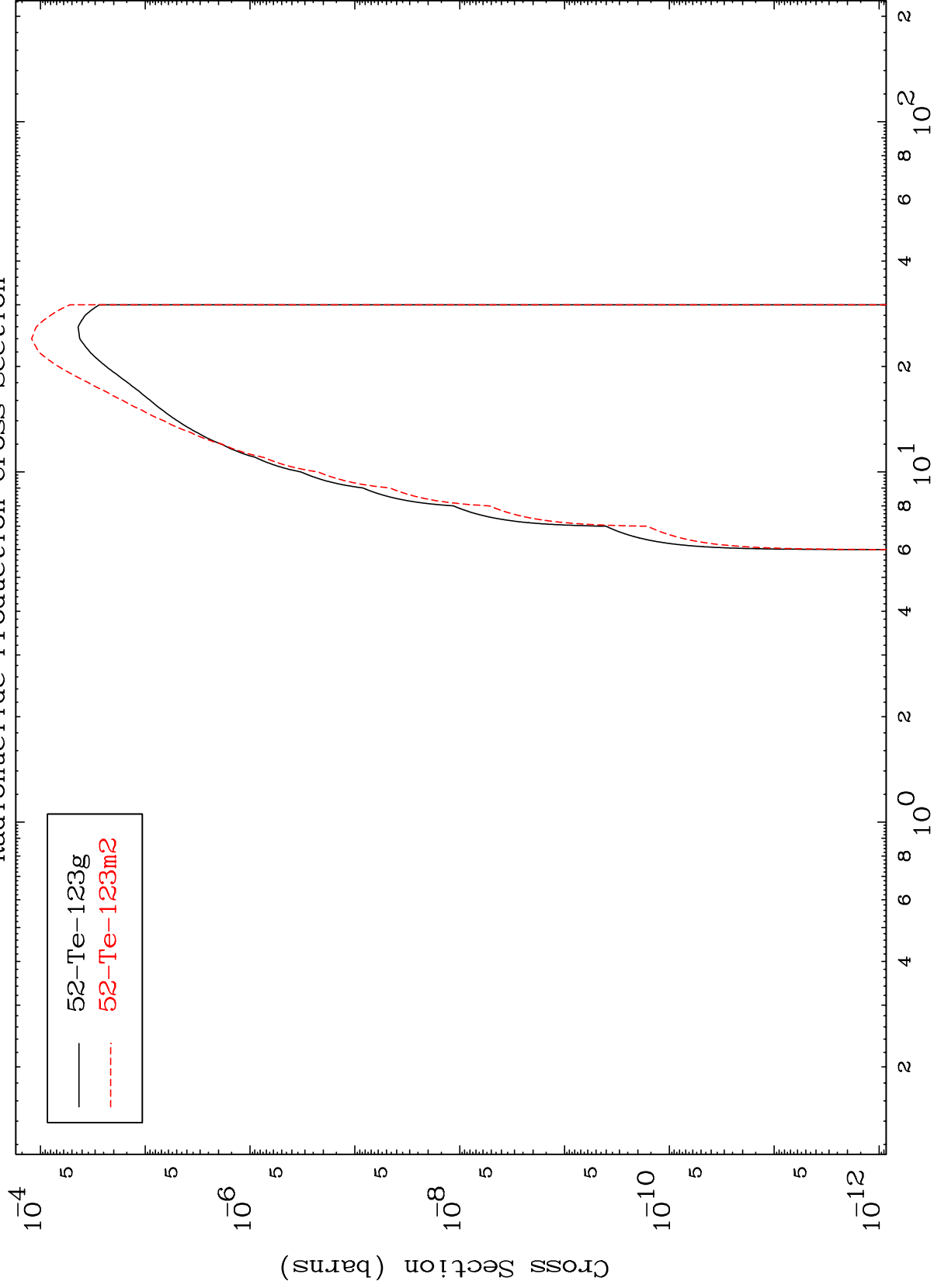


MAT 5428

(n,p)  $\alpha$

54-Xe-125

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-125