

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

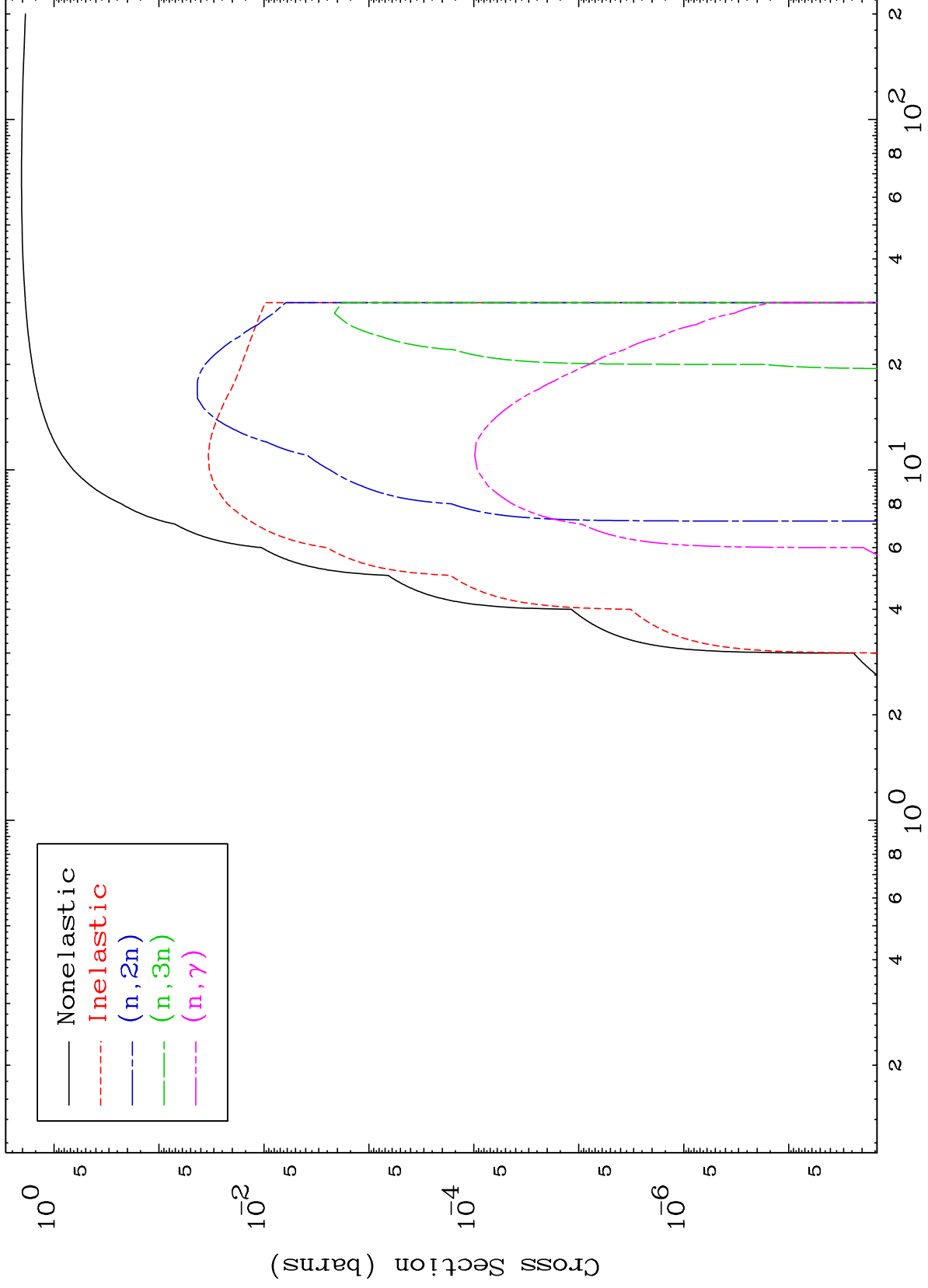
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Web:redcullen1.net/HOMEPAGE.NEW

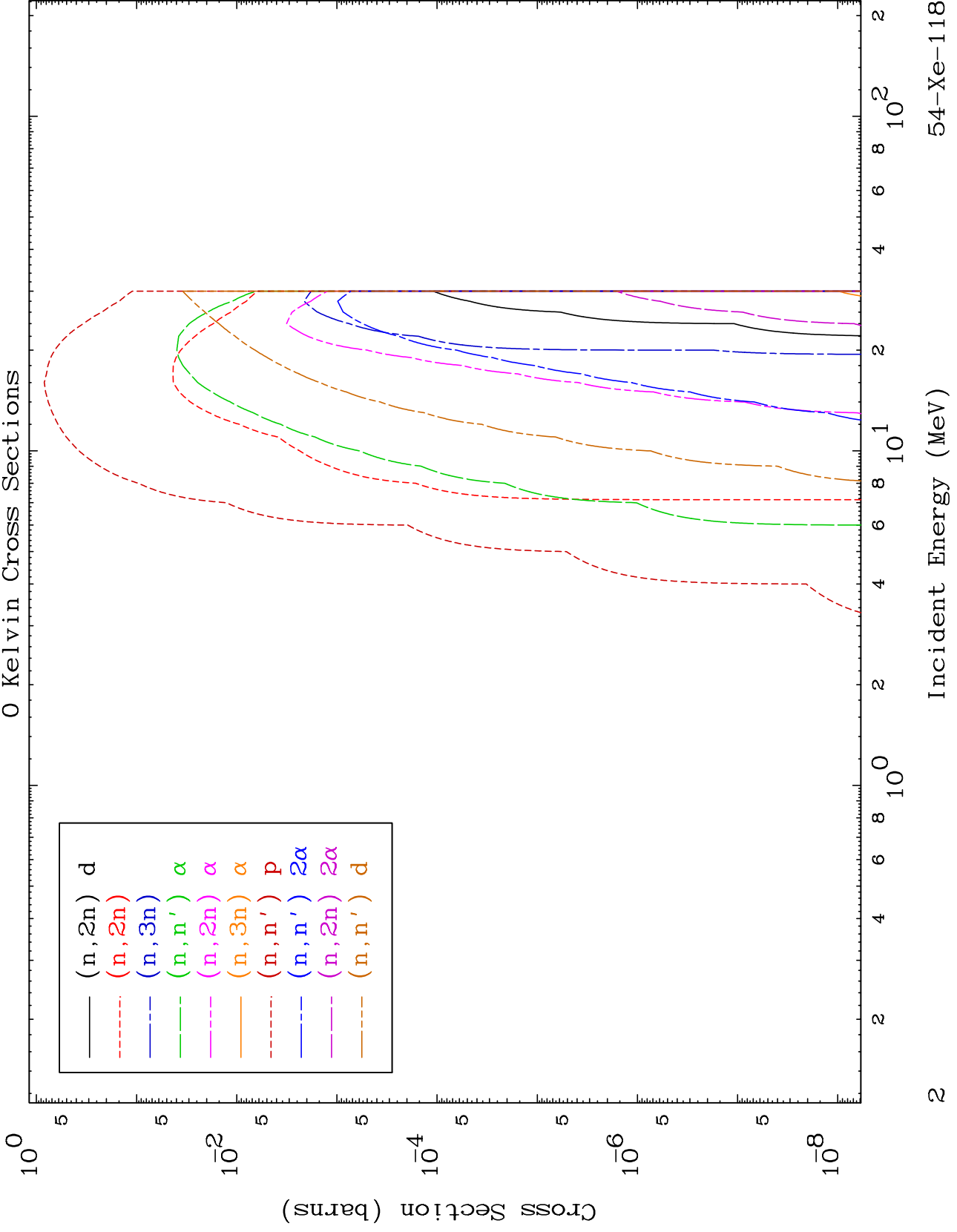
Press Mouse Button to Start

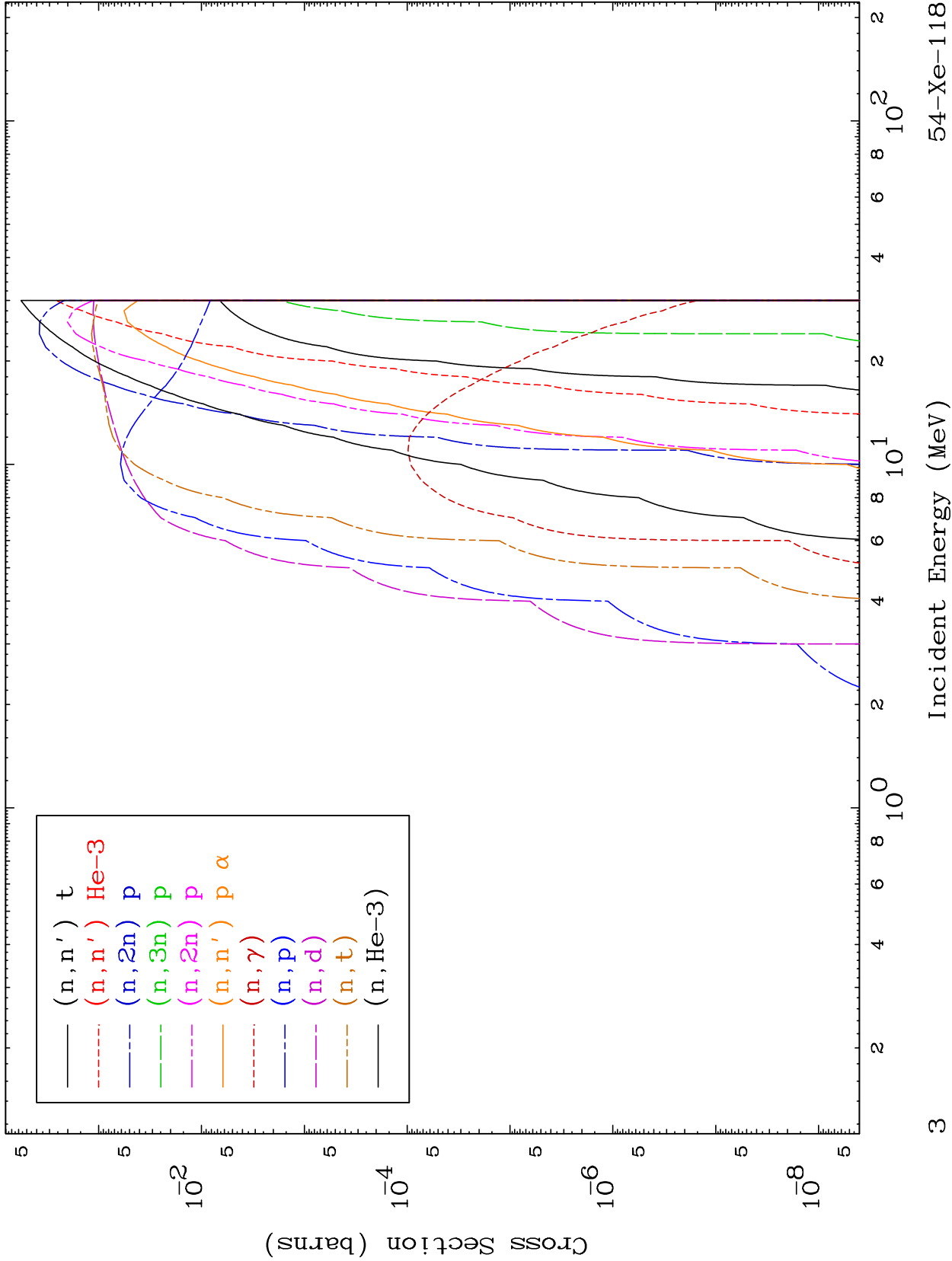


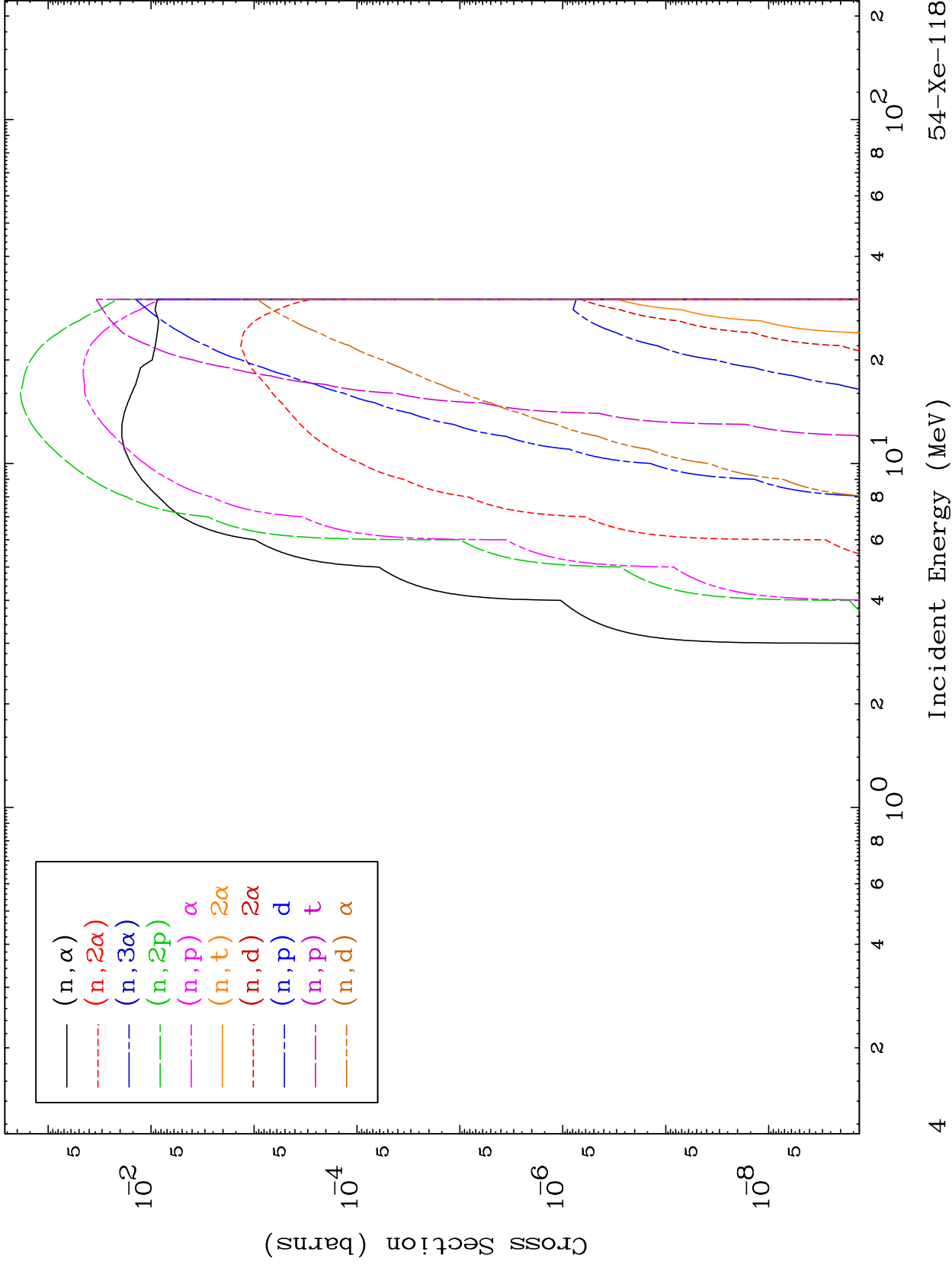
MAT 5407

Triton Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-118



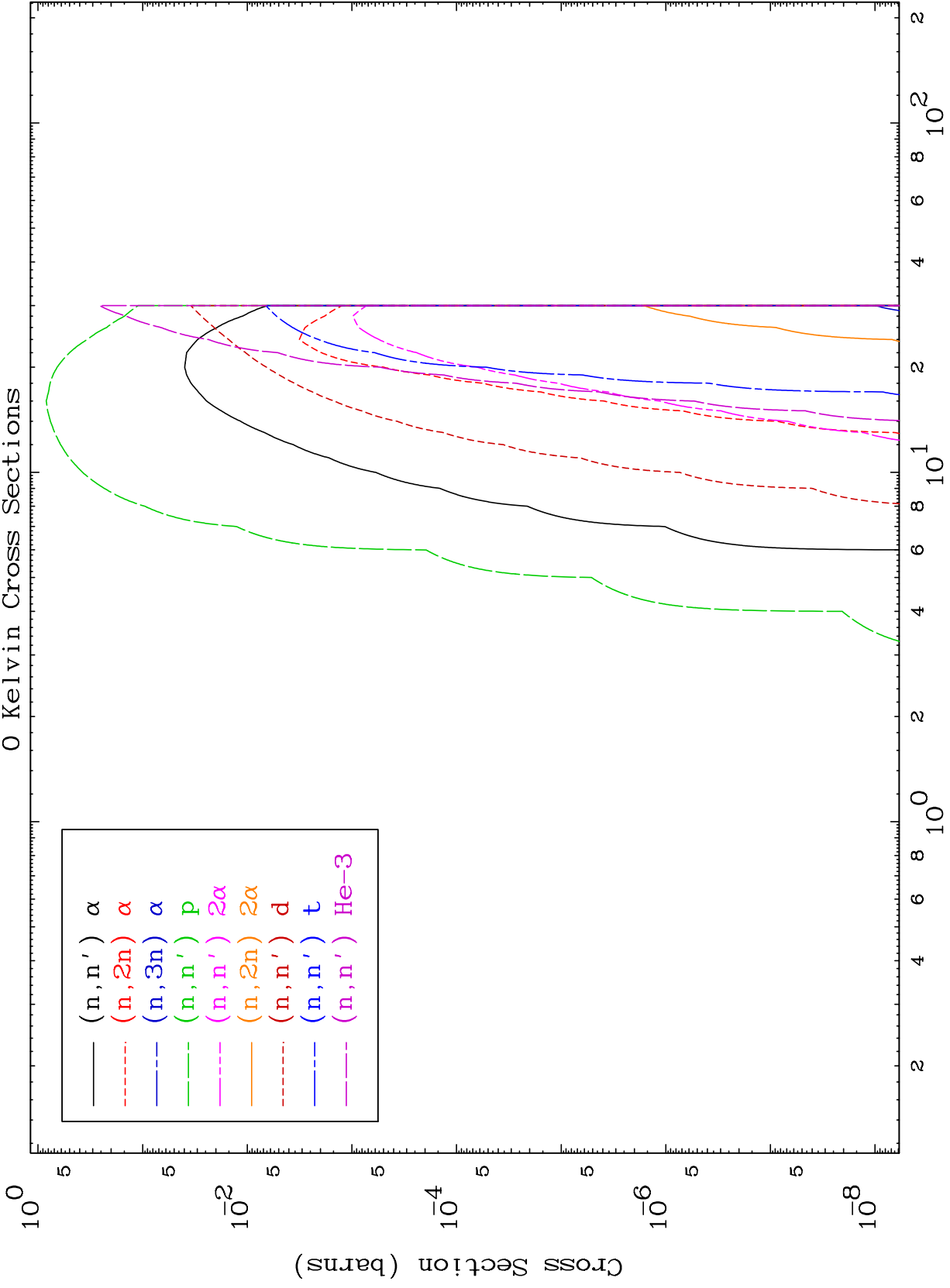




MAT 5407

Triton Charged Particle  
0 Kelvin Cross Sections

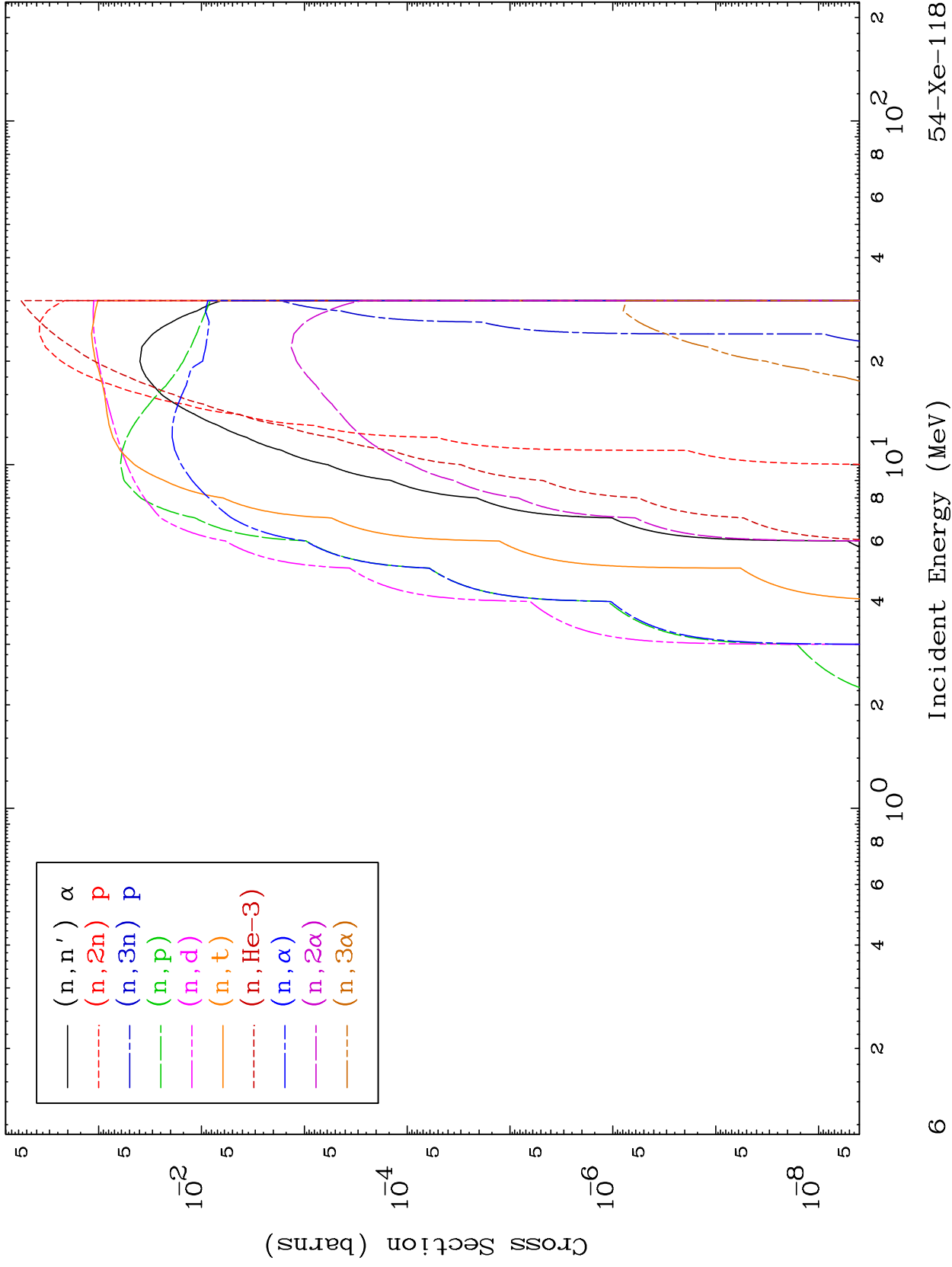
54-Xe-118

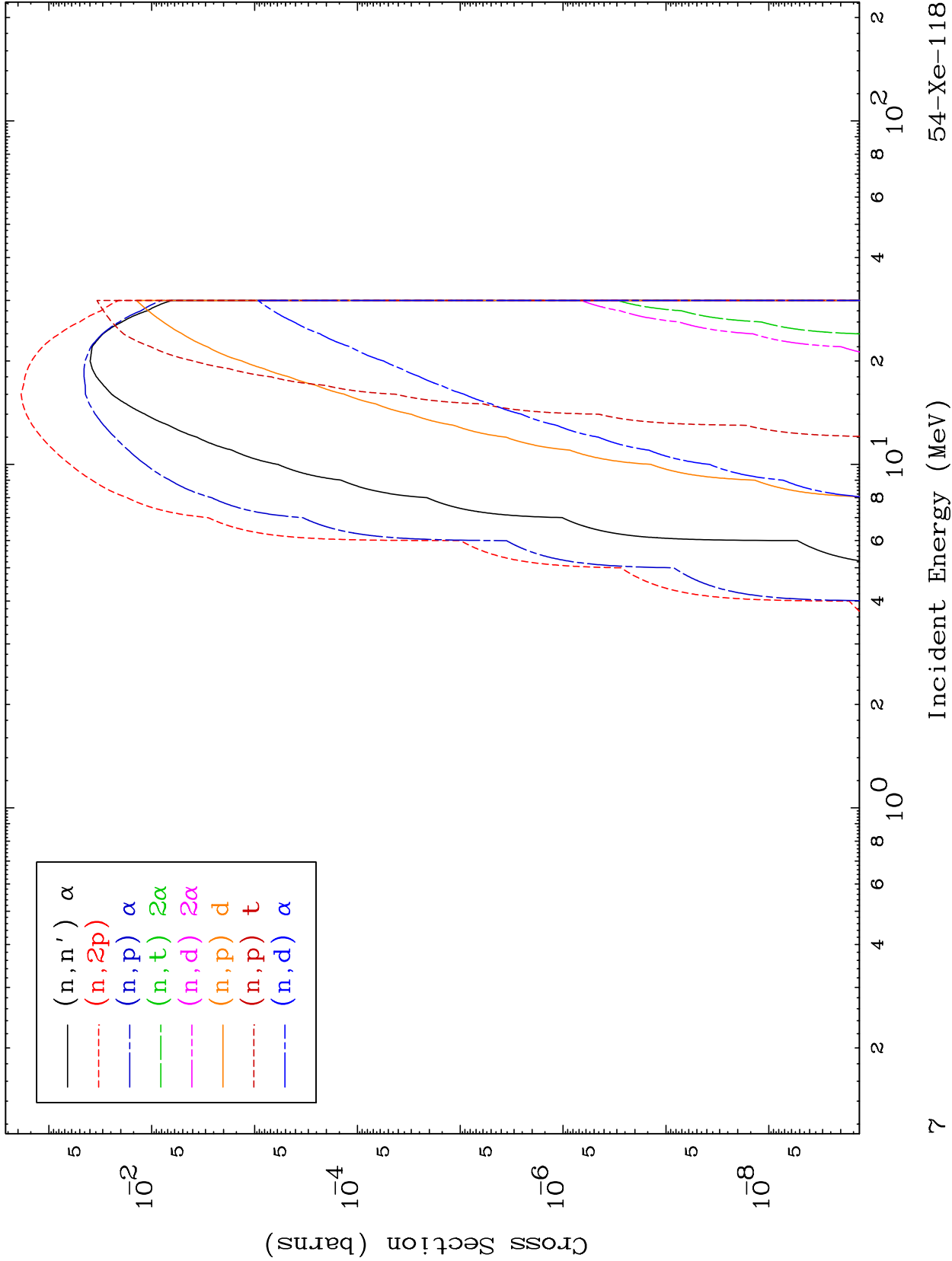


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Triton Charged Particle  
0 Kelvin Cross Sections

54-Xe-118



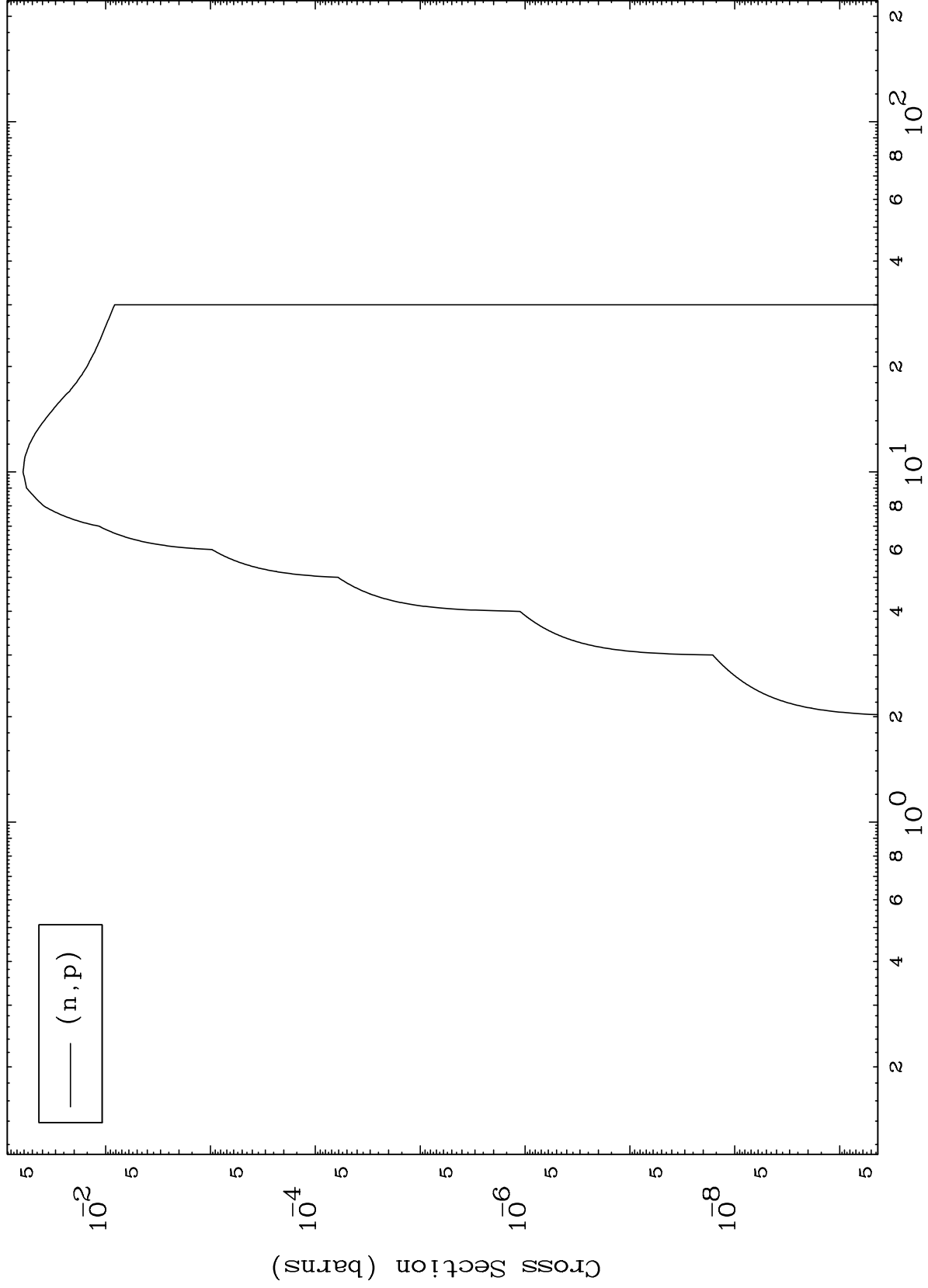


MAT 5407

(t,p) Levels

54-Xe-118

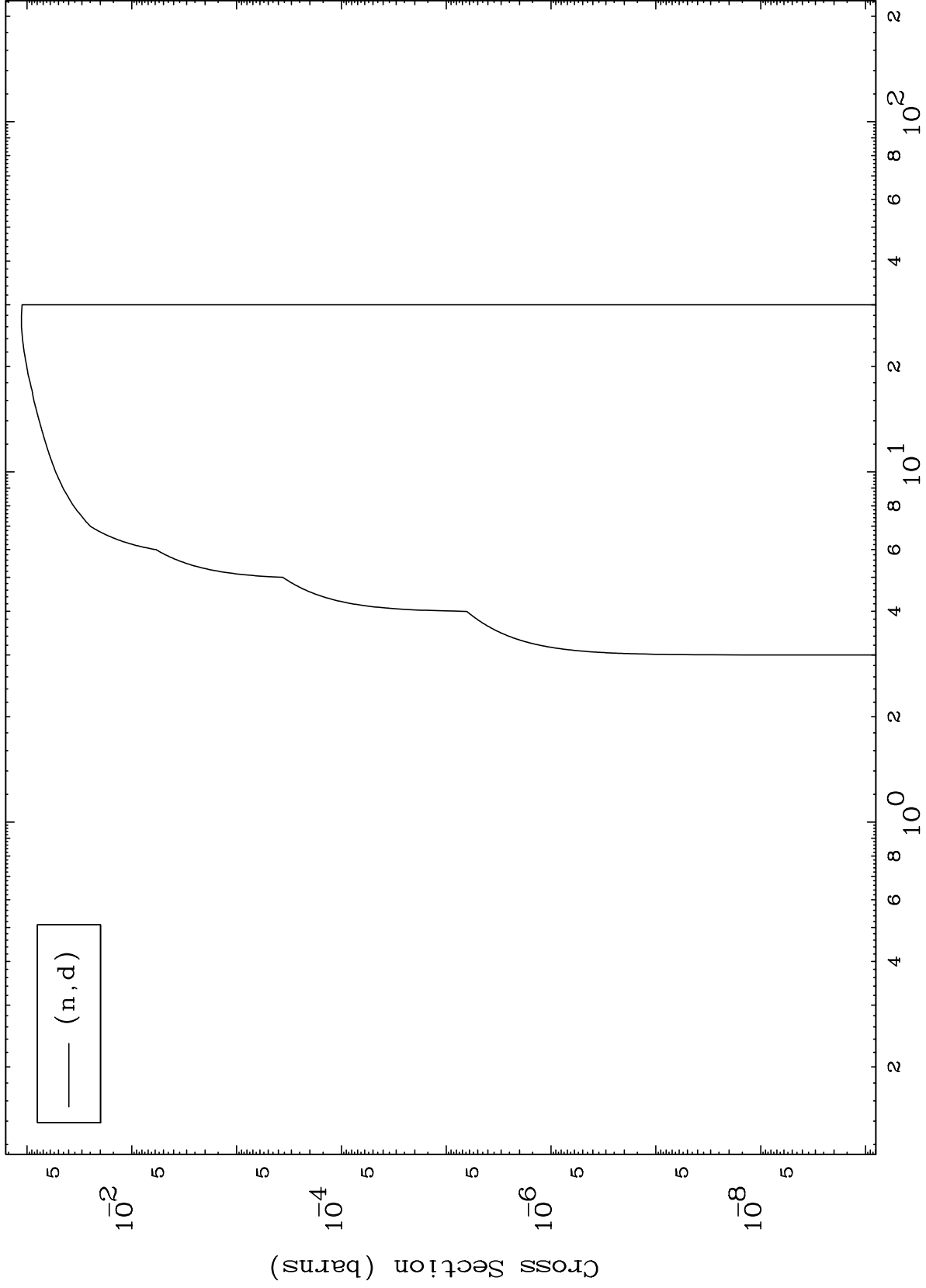
0 Kelvin Cross Sections



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(t,d) Levels  
0 Kelvin Cross Sections

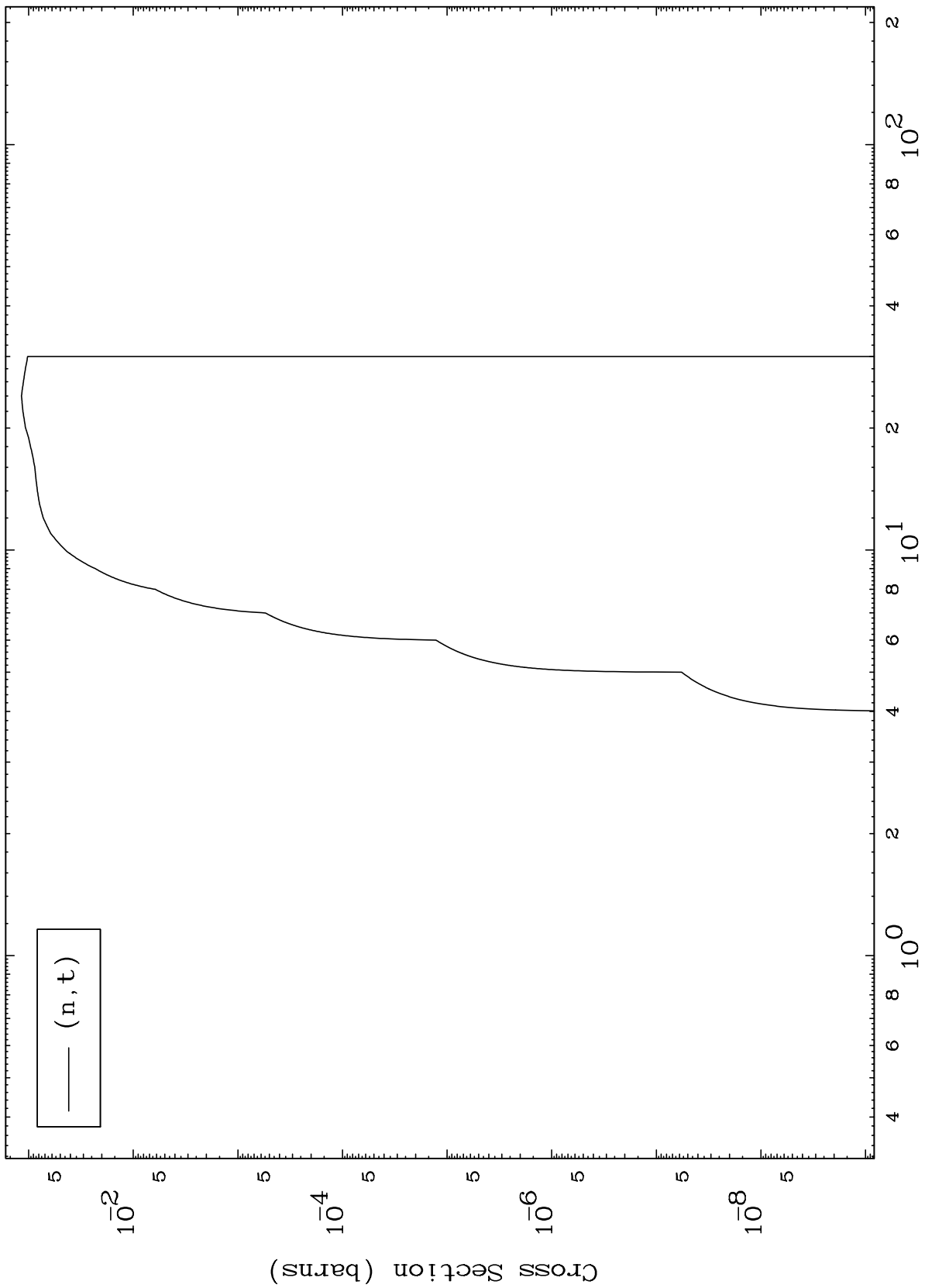
54-Xe-118



MAT 5407

54-Xe-118

(t, t) Levels  
0 Kelvin Cross Sections



54-Xe-118

Incident Energy (MeV)

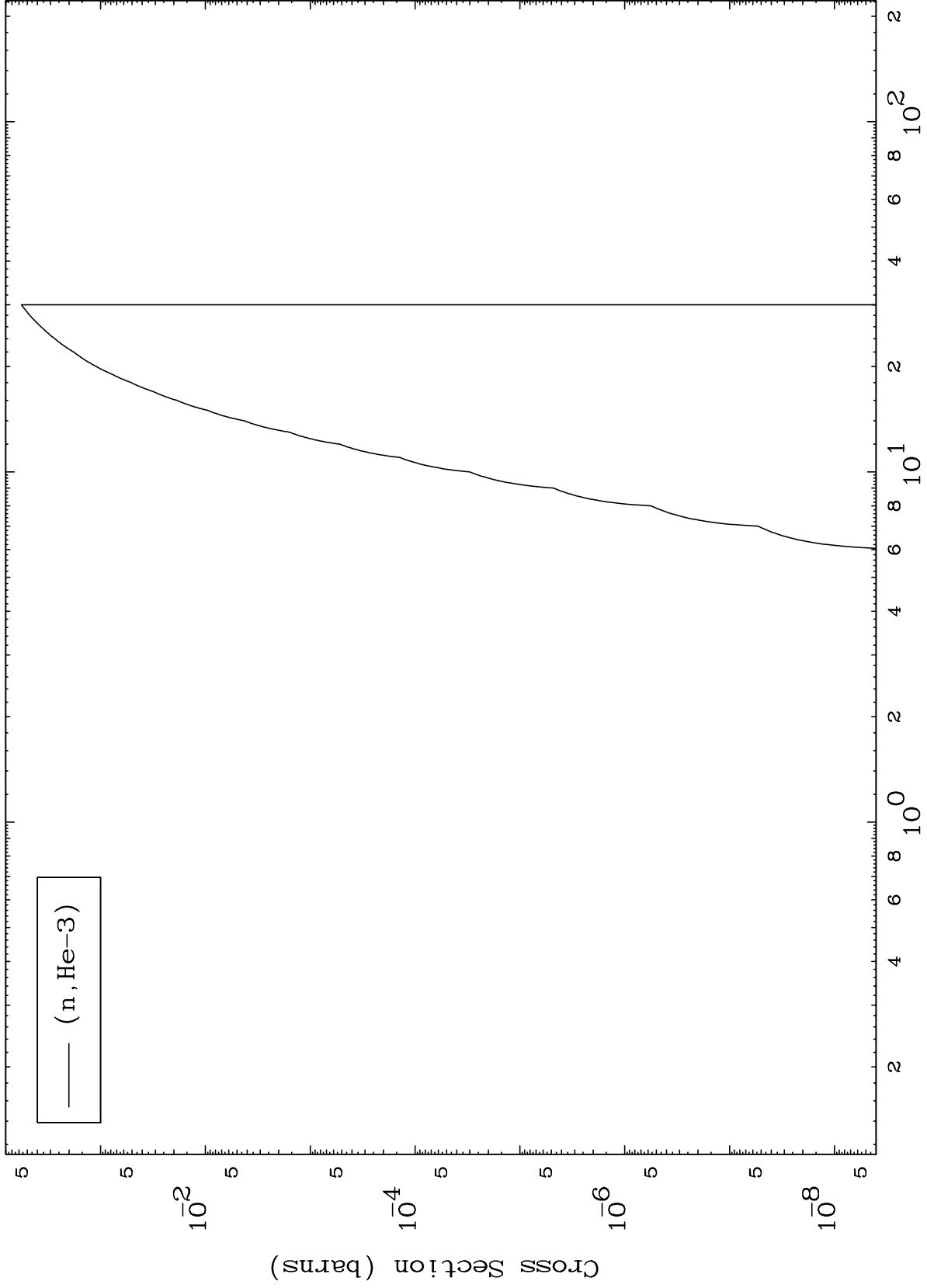
10

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(t,He3) Levels

54-Xe-118

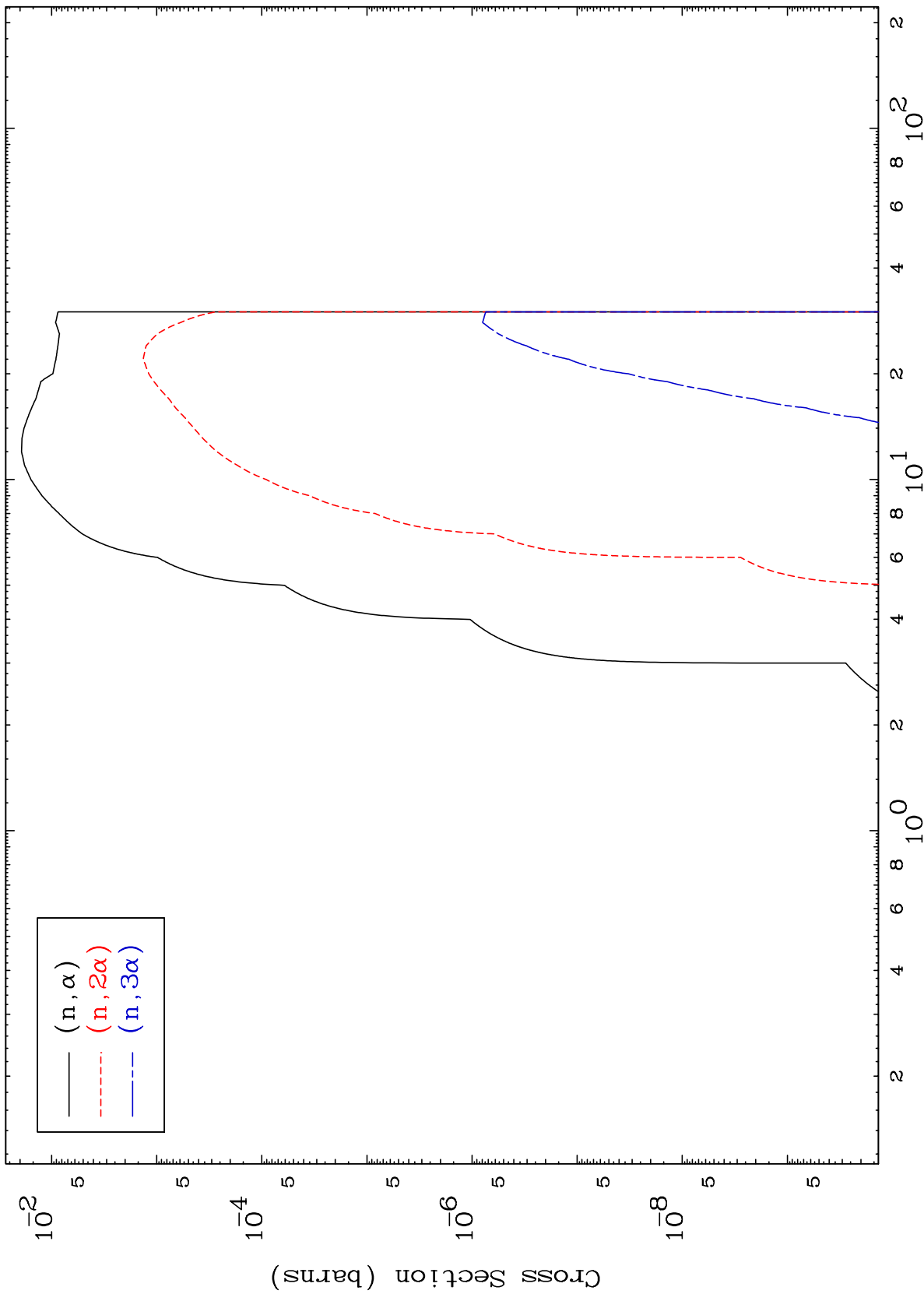
0 Kelvin Cross Sections



MAT 5407

54-Xe-118

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



54-Xe-118

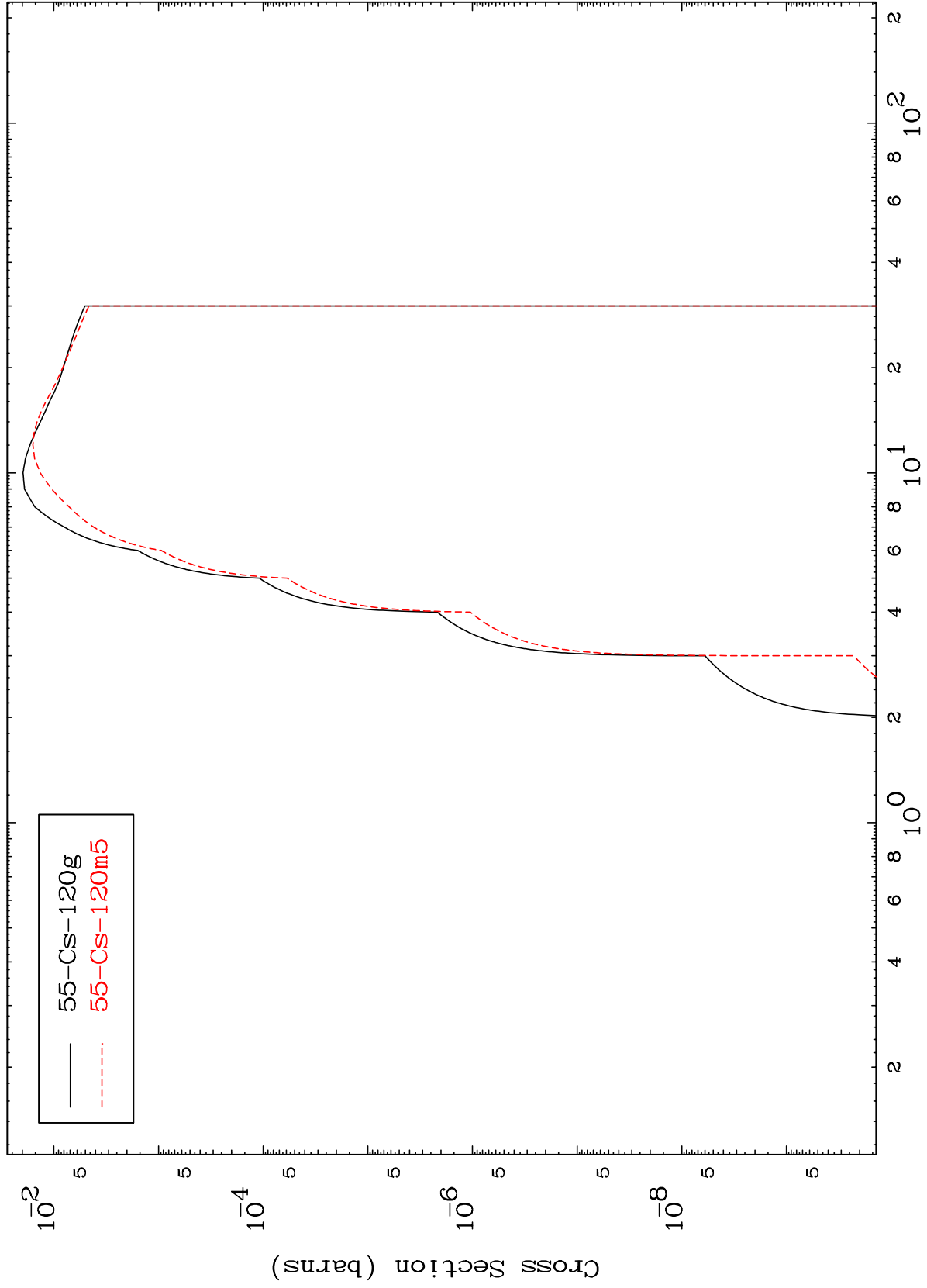
Incident Energy (MeV)

12

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54-Xe-118

Inelastic  
Radionuclide Production Cross Section



54-Xe-118

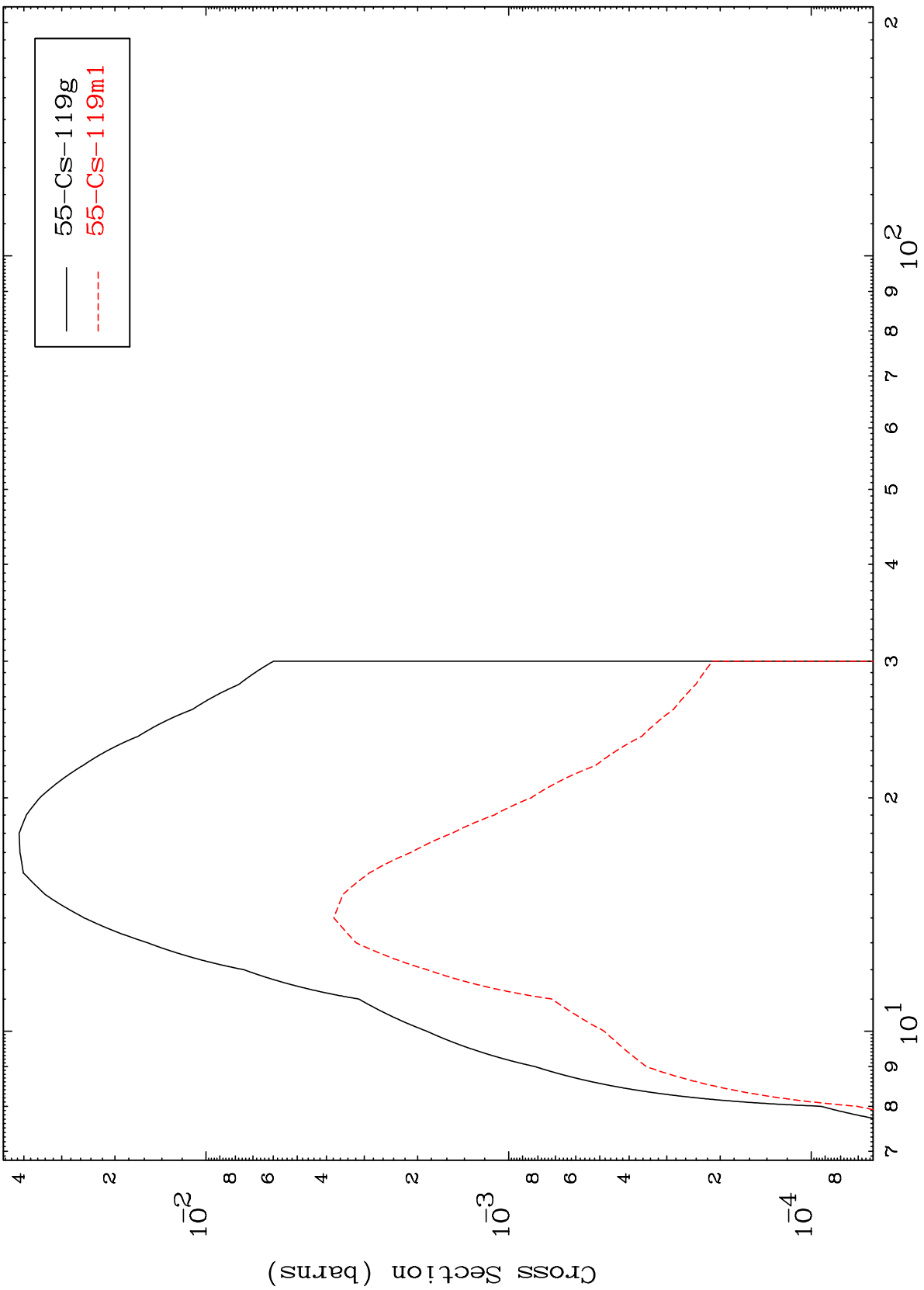
Incident Energy (MeV)

13

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54-Xe-118

(n,2n)  
Radionuclide Production Cross Section



54-Xe-118

Incident Energy (MeV)

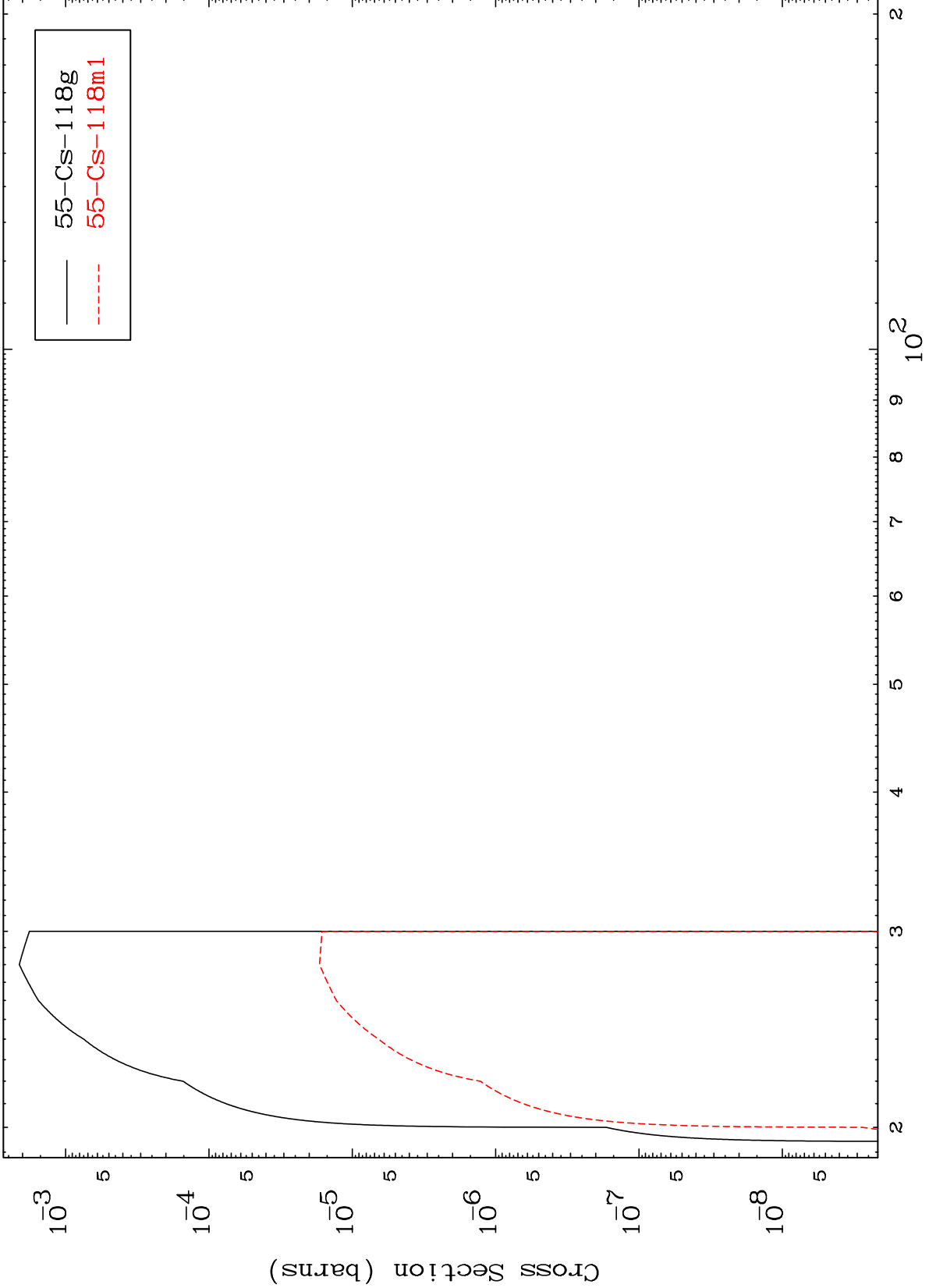
14

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(n,3n)

54-Xe-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

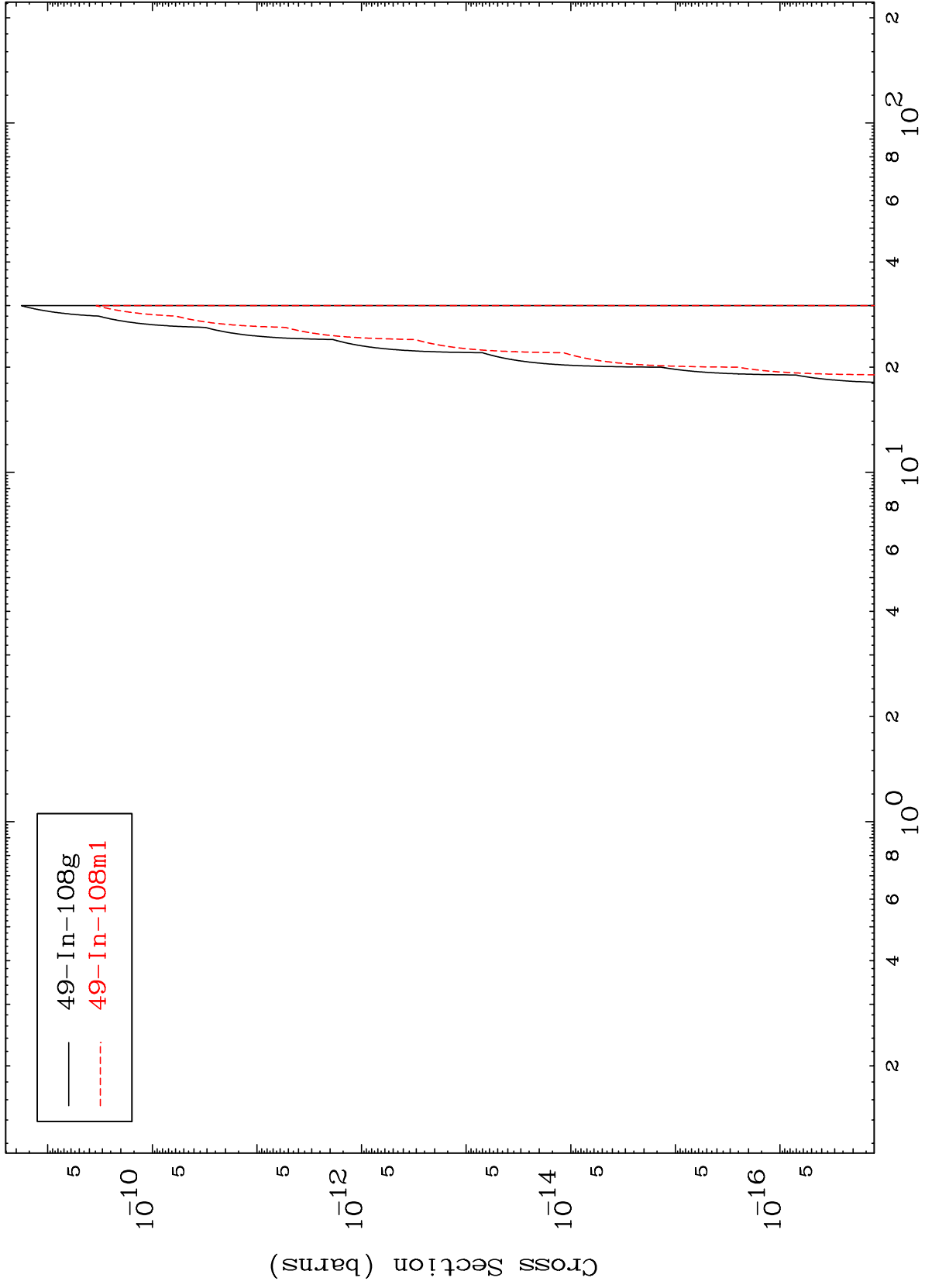
54-Xe-118

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(n,n') 3 $\alpha$

54-Xe-118

Radionuclide Production Cross Section



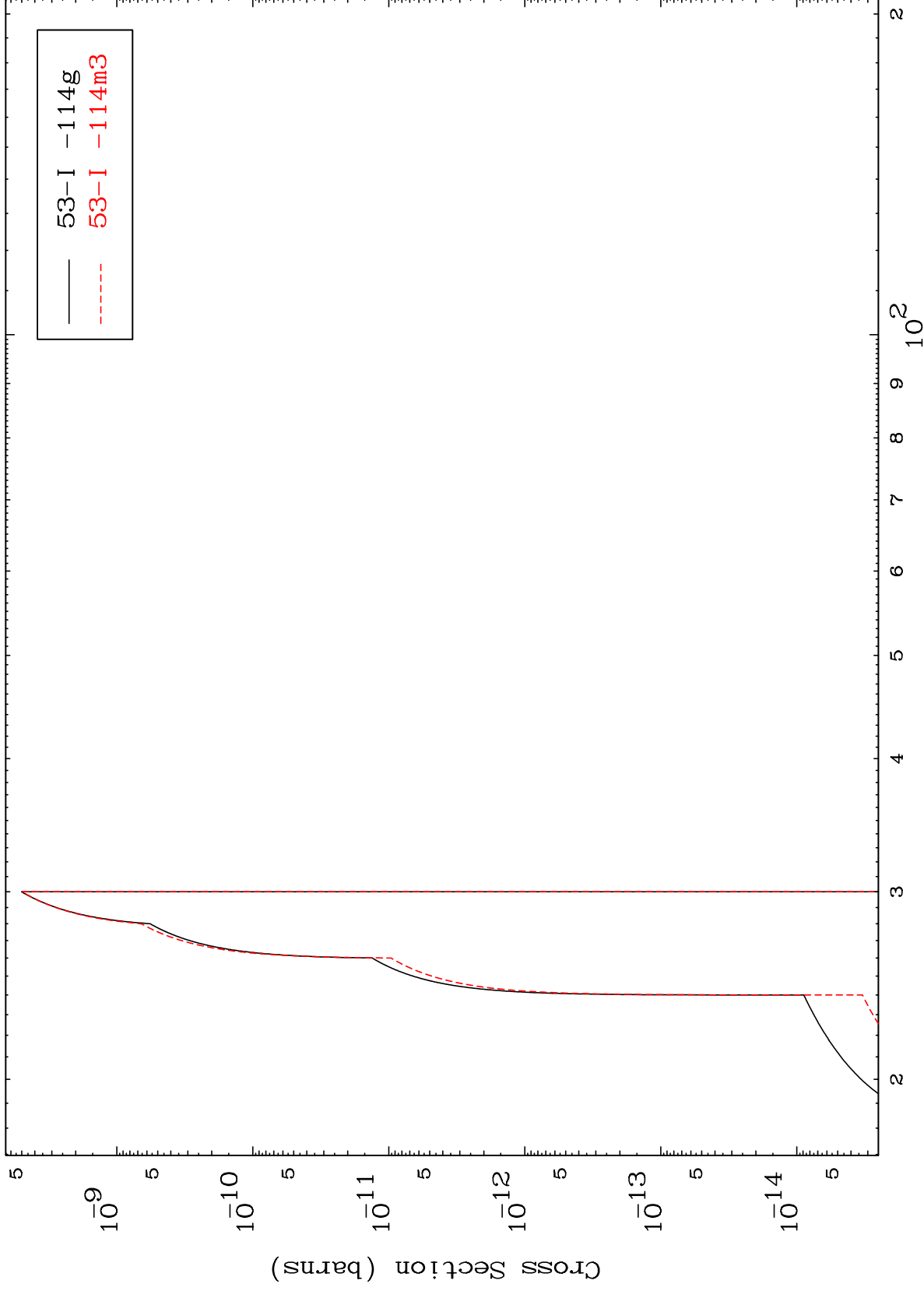
49-In-108g  
49-In-108m1

16

Incident Energy (MeV)

54-Xe-118

Radionuclide Production Cross Section

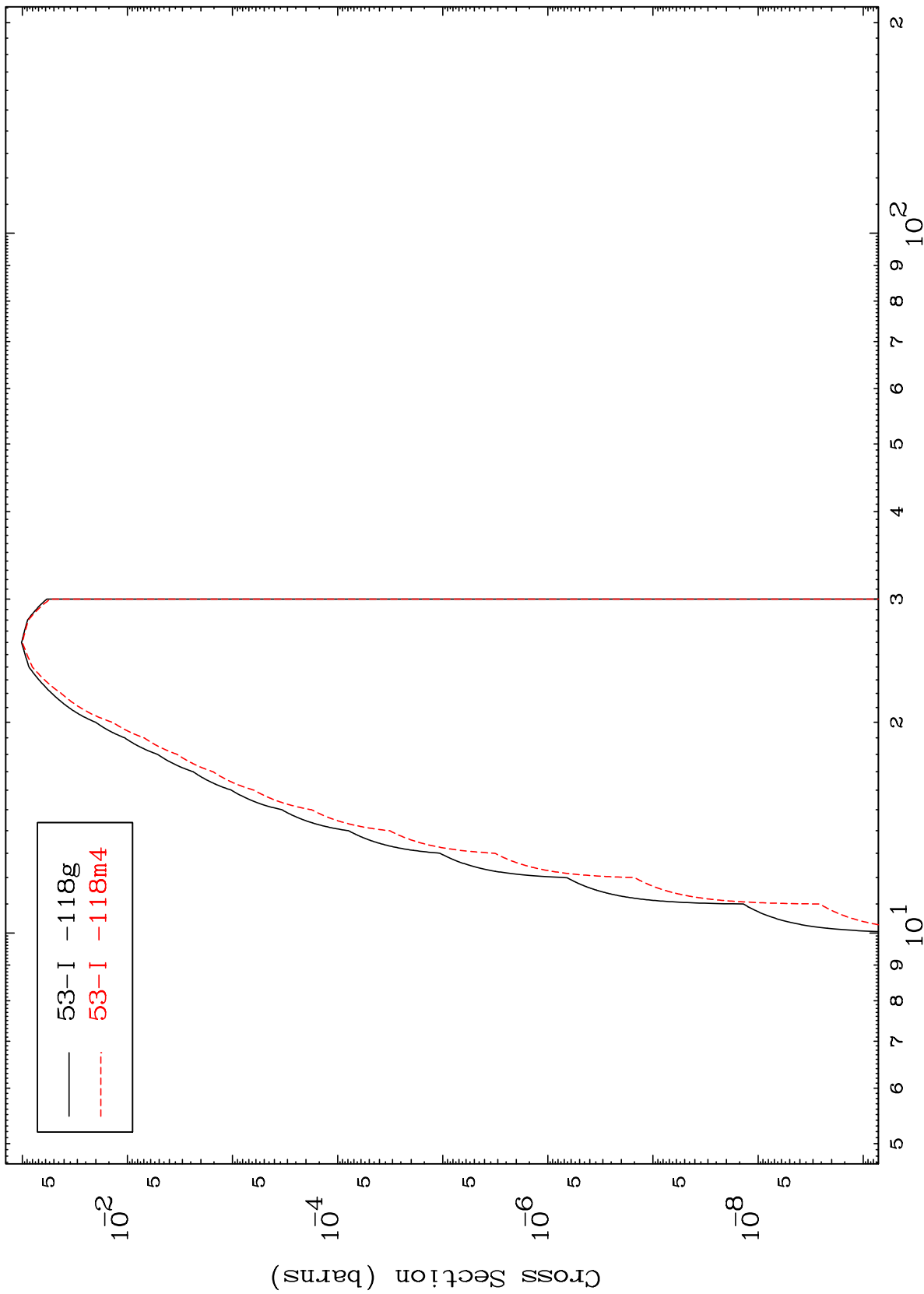


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(n,2n) p

54-Xe-118

Radionuclide Production Cross Section



53-I-118g  
53-I-118m4

18

Incident Energy (MeV)

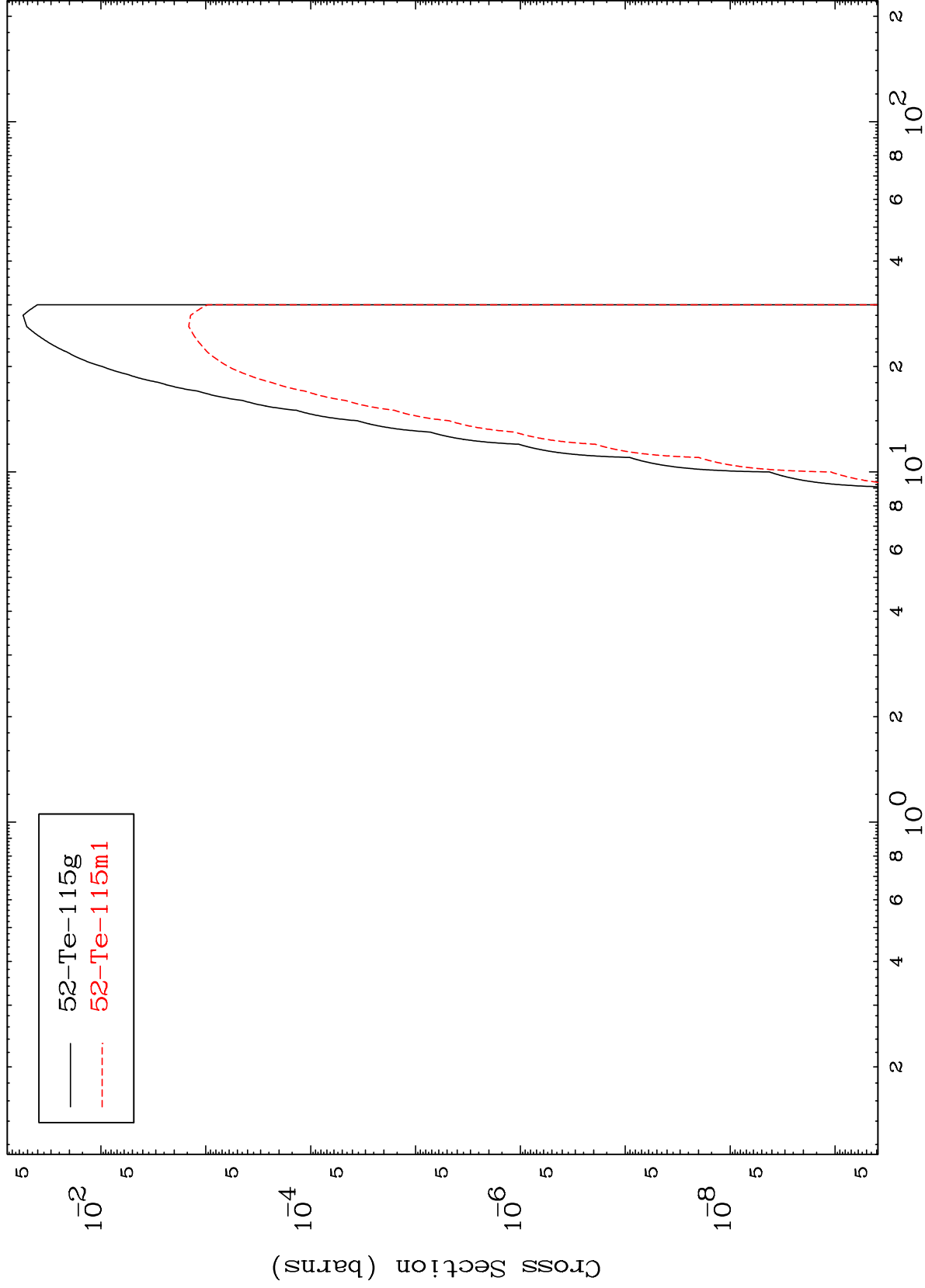
54-Xe-118

MAT 5407

(n,n') p  $\alpha$

54-Xe-118

Radionuclide Production Cross Section



19

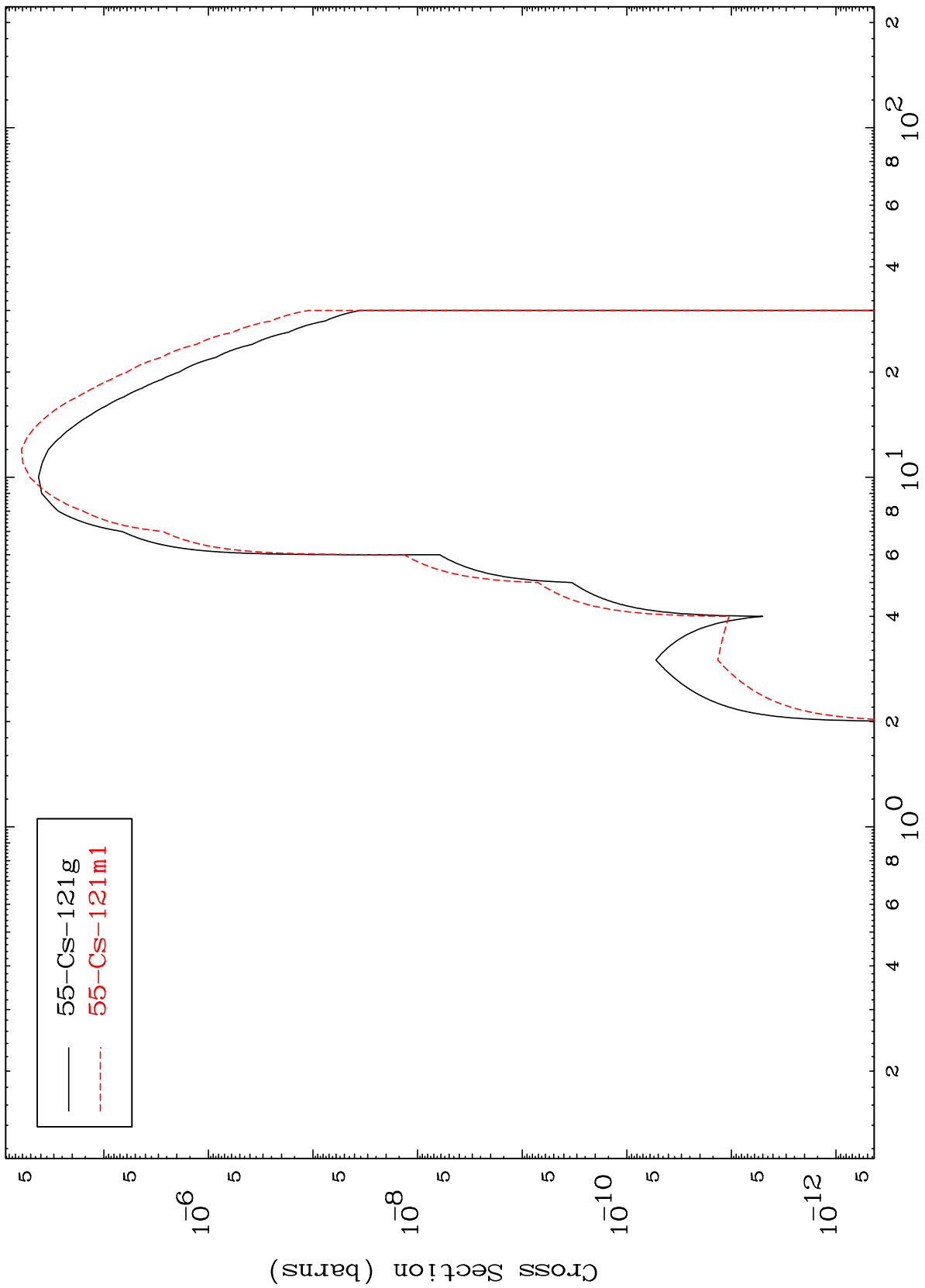
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

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



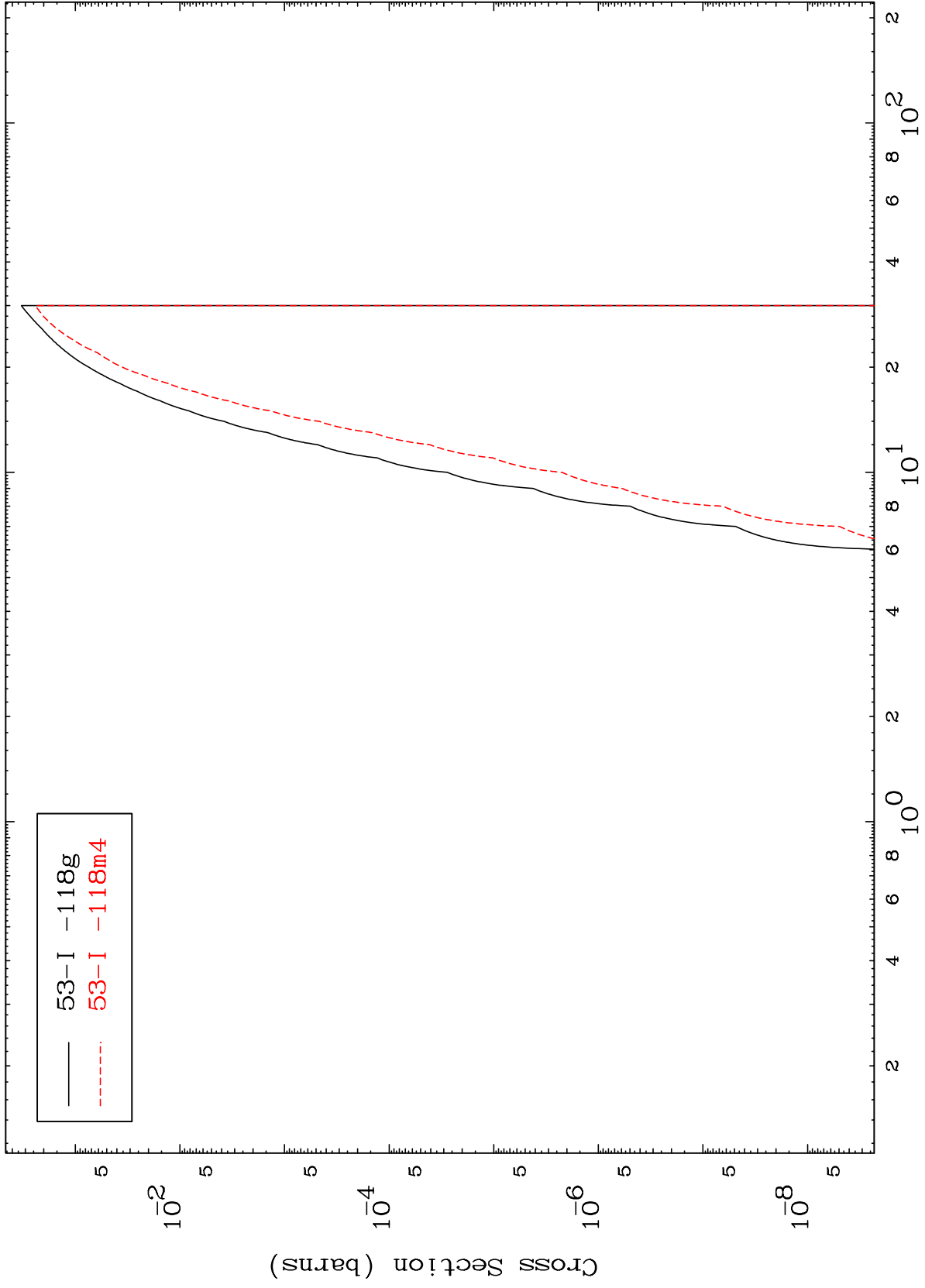
— 55-Cs-121g  
- - - 55-Cs-121m1

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(n,He-3)

54-Xe-118

Radionuclide Production Cross Section



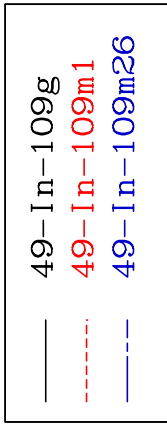
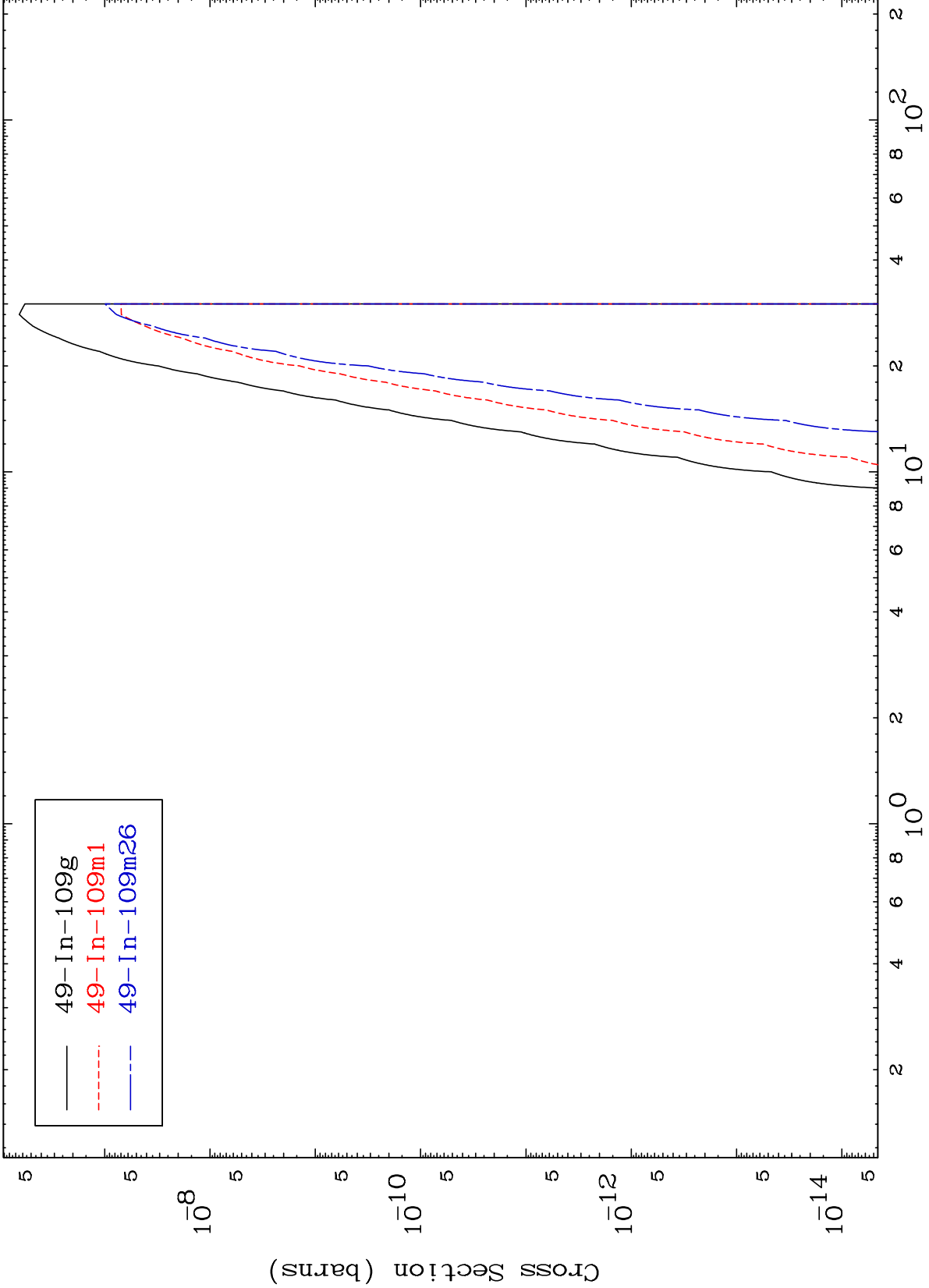
53-I-118g  
53-I-118m4

MAT 5407

(n, 3α)

54-Xe-118

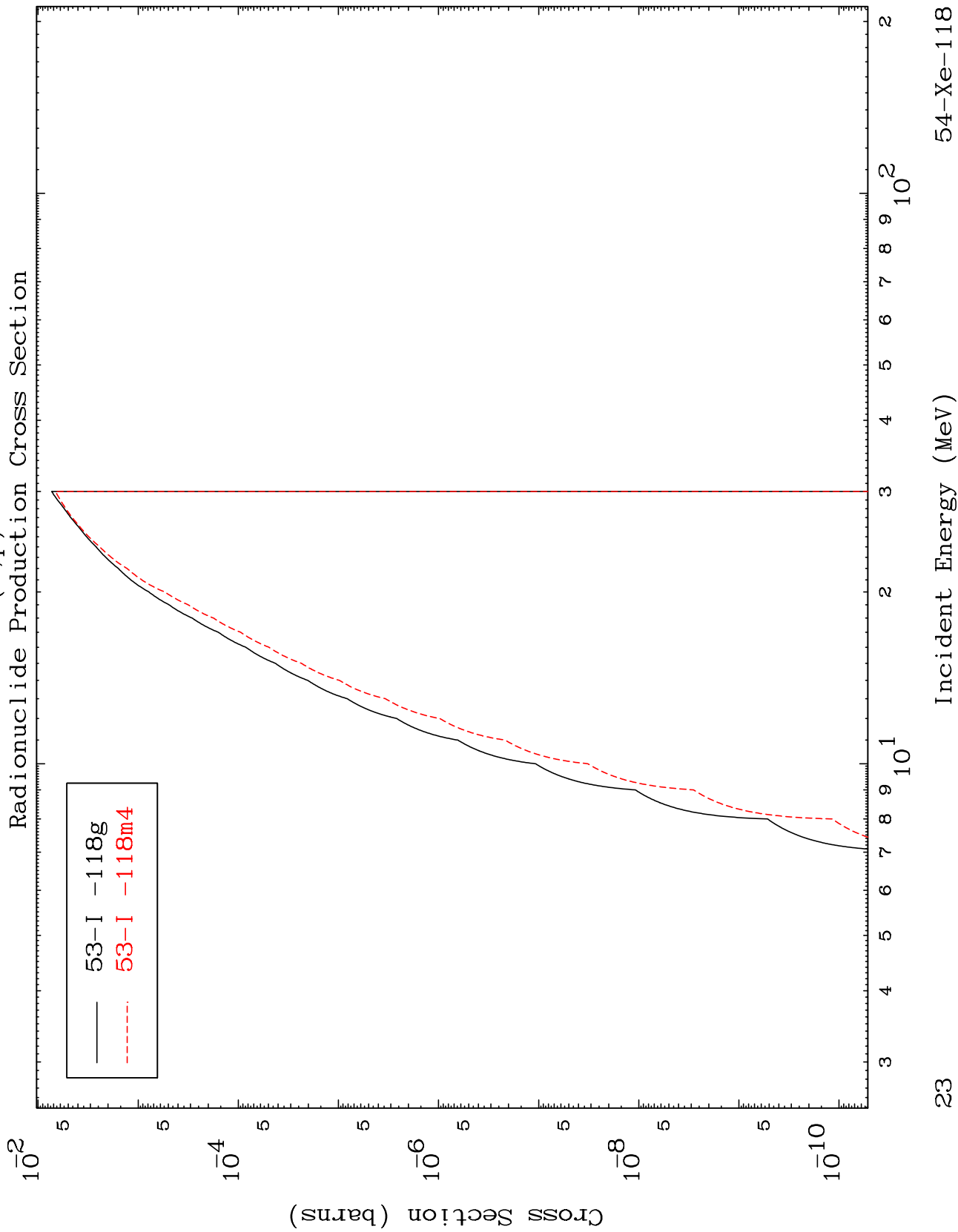
Radionuclide Production Cross Section



MAT 5407

(n,p) d

54-Xe-118



23

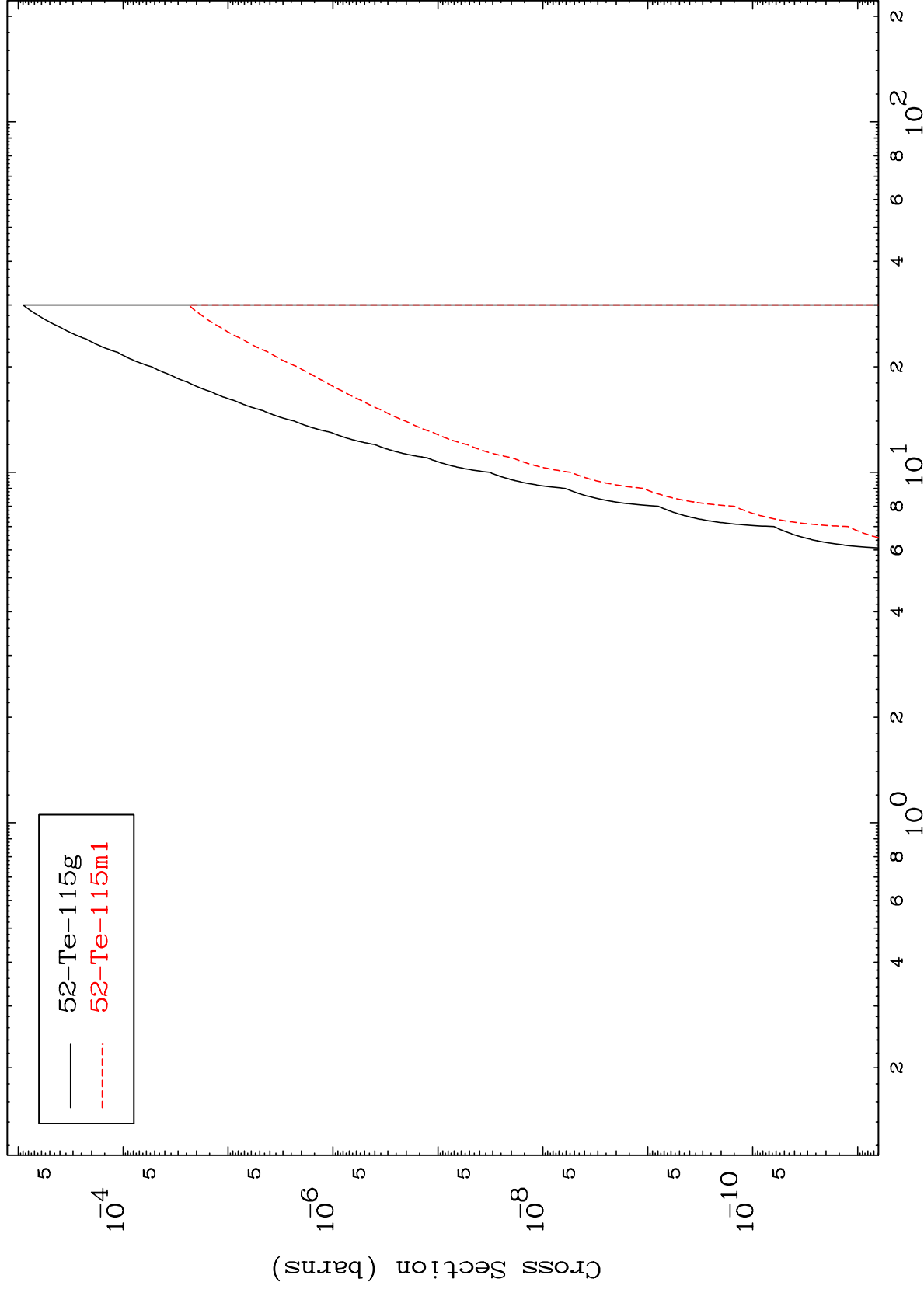
54-Xe-118

MAT 5407

(n,d)  $\alpha$

54-Xe-118

Radionuclide Production Cross Section



24

Incident Energy (MeV)

54-Xe-118