

Program EVALPLOT  
(Version 2021-1)

by

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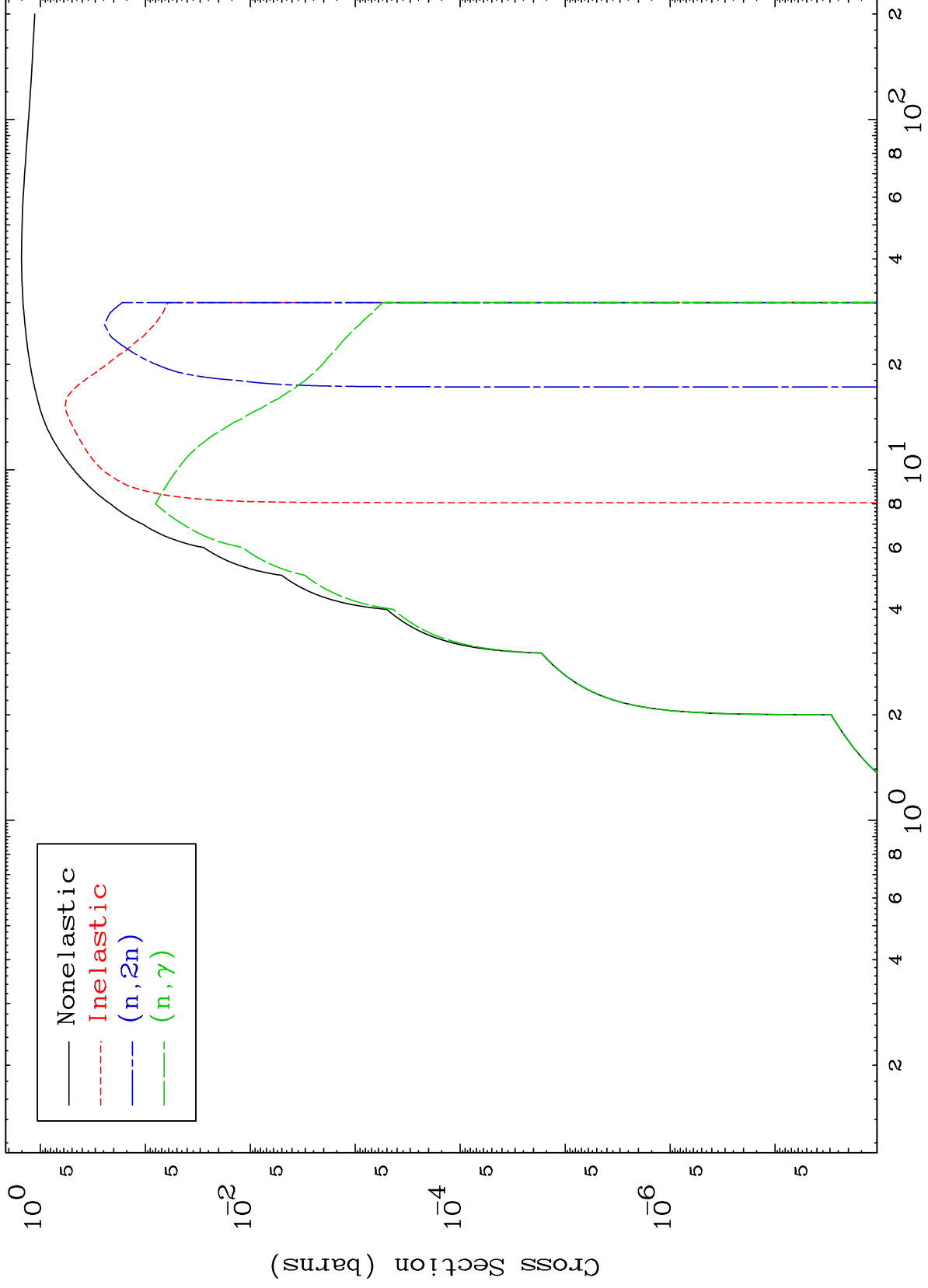
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Press Mouse Button to Start

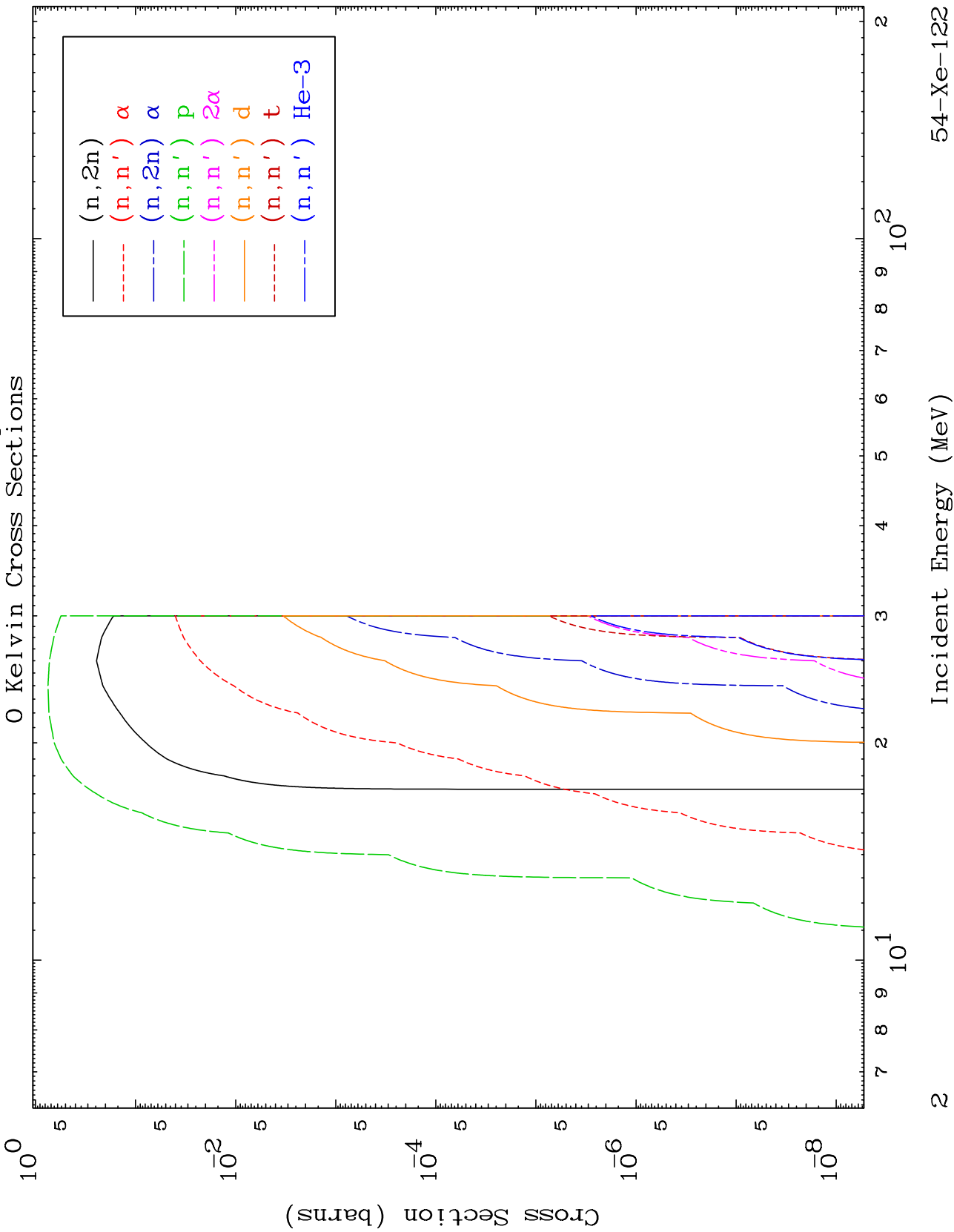
MAT 5419

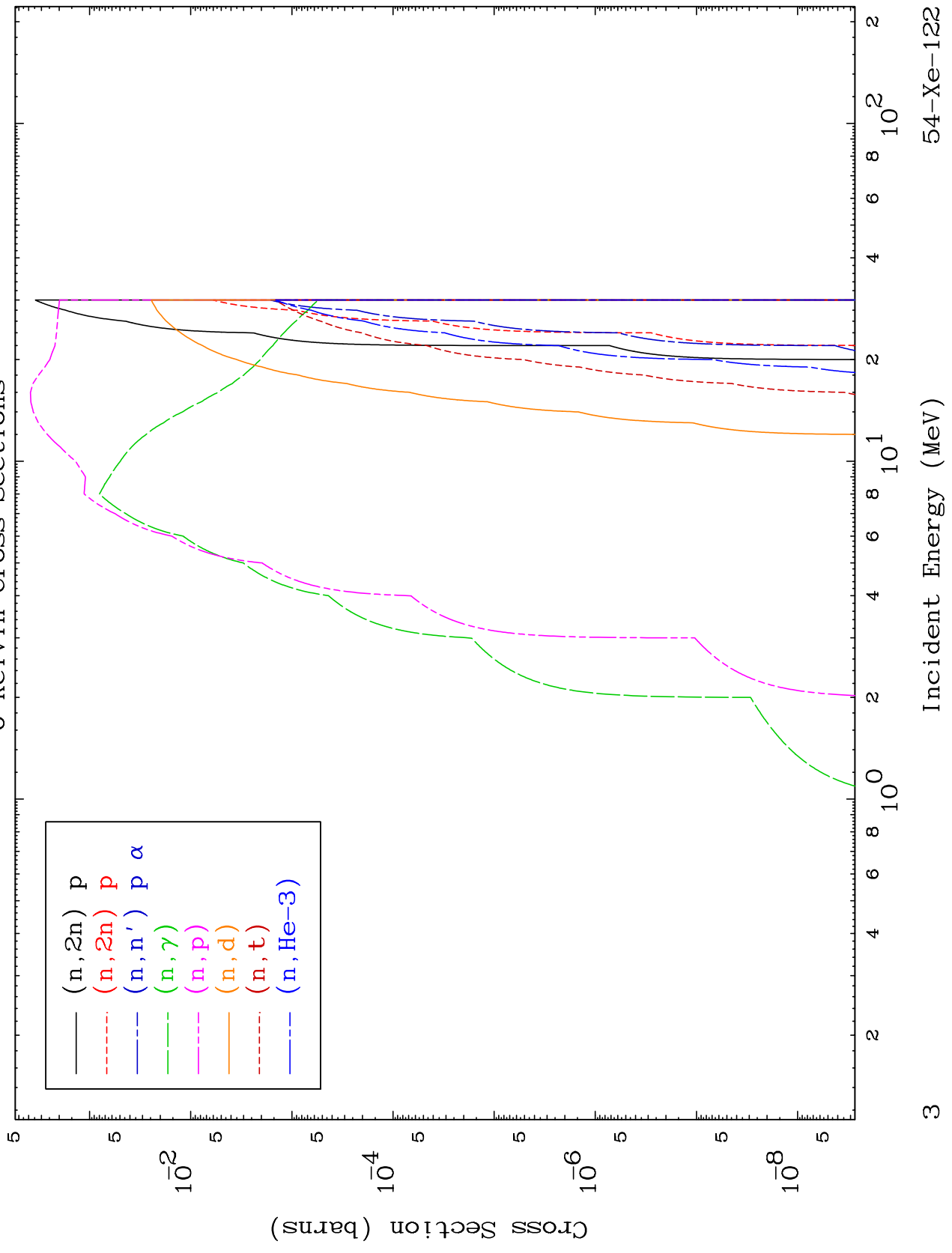
Proton Major  
0 Kelvin Cross Sections

54-Xe-122



Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)

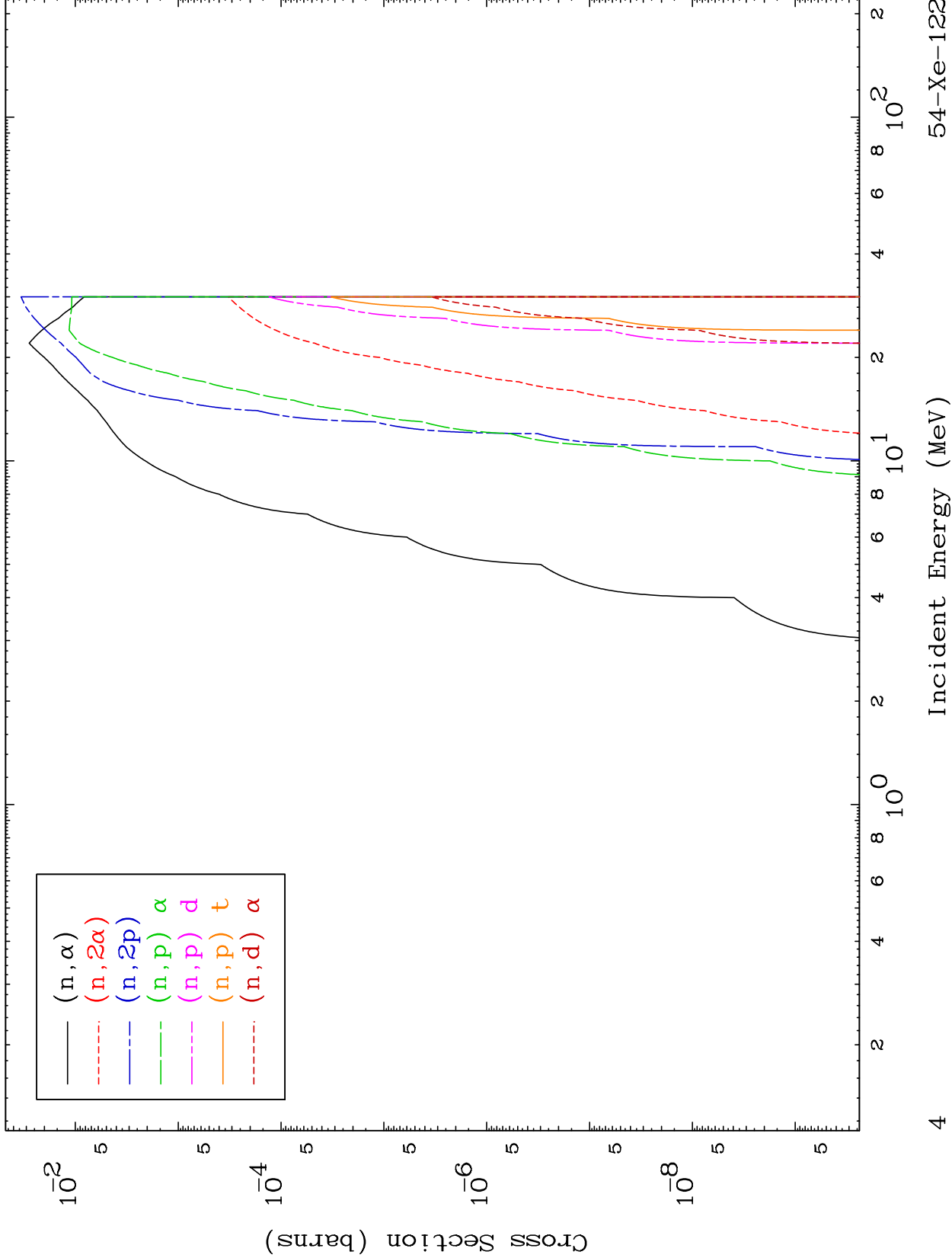




MAT 5419

Proton Neutron Absorption  
0 Kelvin Cross Sections

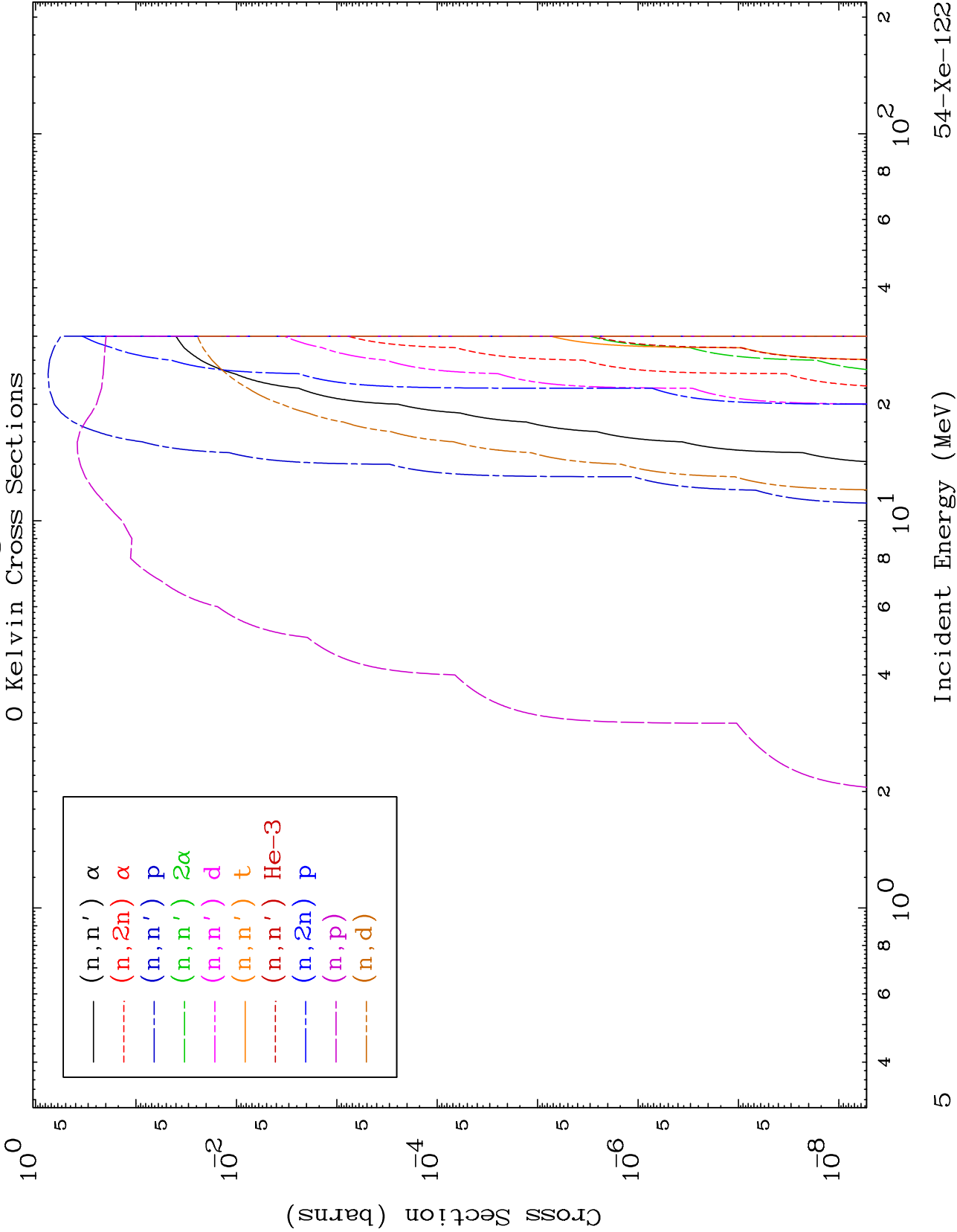
54-Xe-122



MAT 5419

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-122



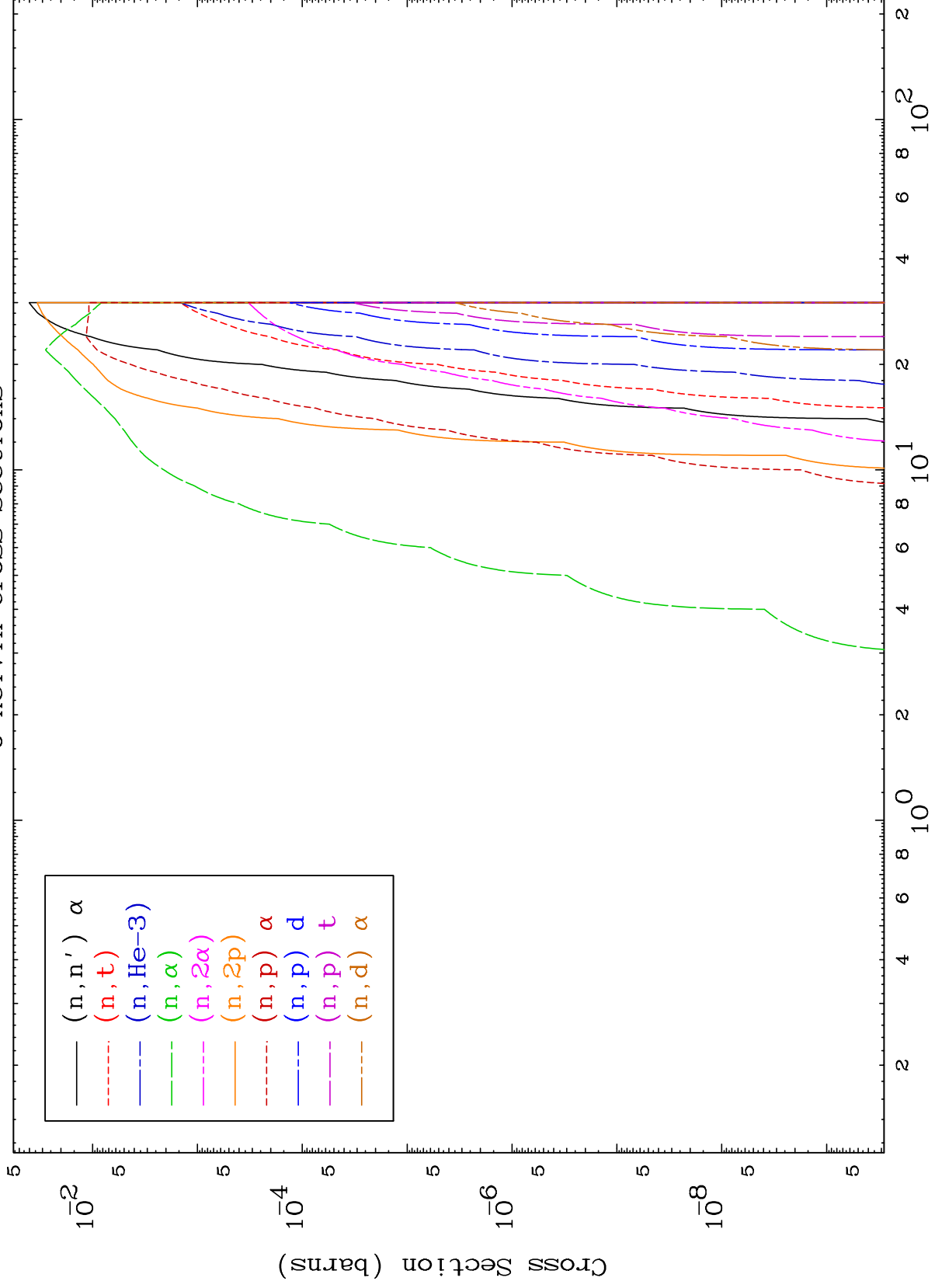
5

54-Xe-122

MAT 5419

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-122



6

Incident Energy (MeV)

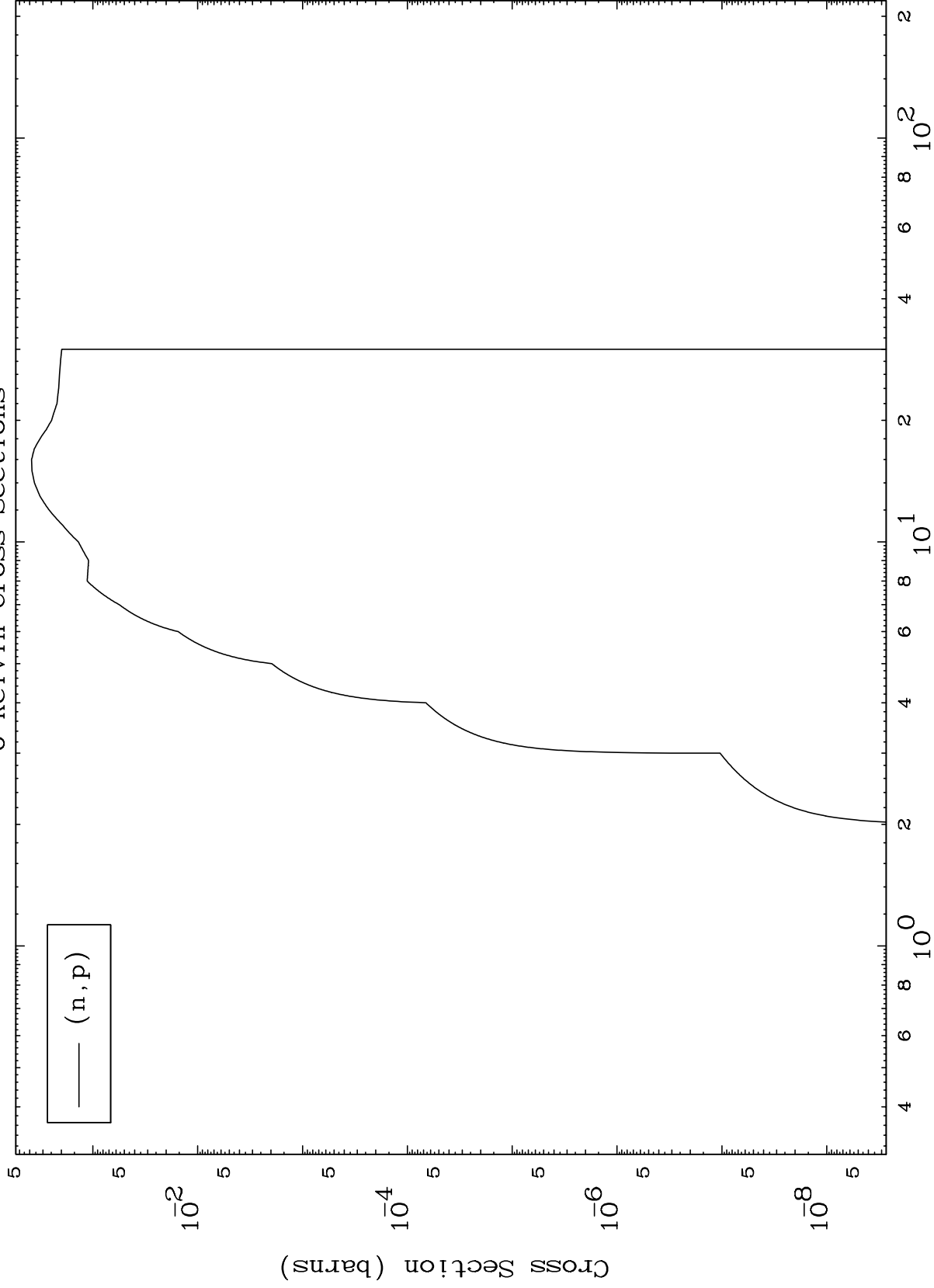
54-Xe-122

MAT 5419

(p,p) Levels

54-Xe-122

0 Kelvin Cross Sections



7

Incident Energy (MeV)

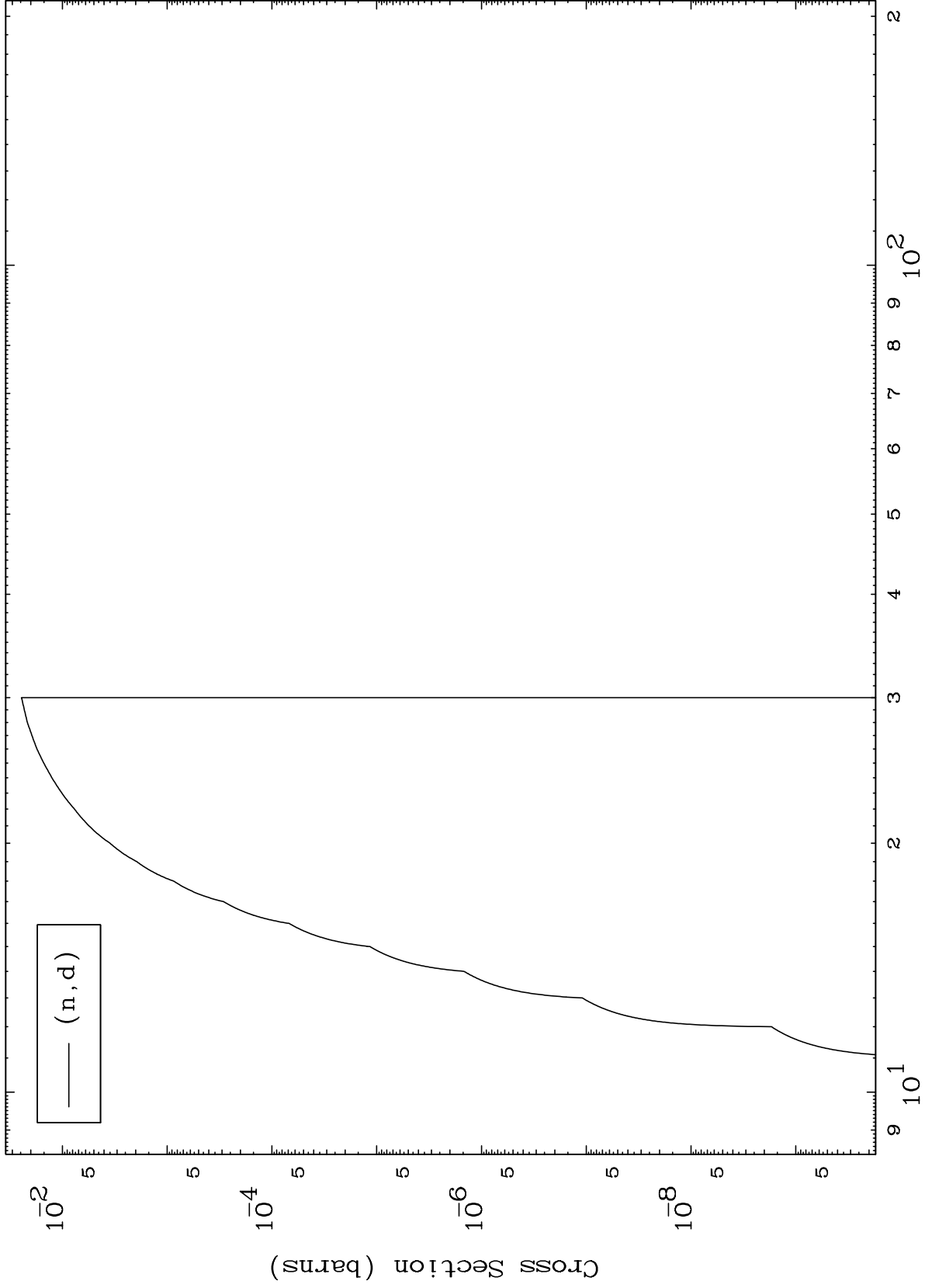
54-Xe-122



MAT 5419

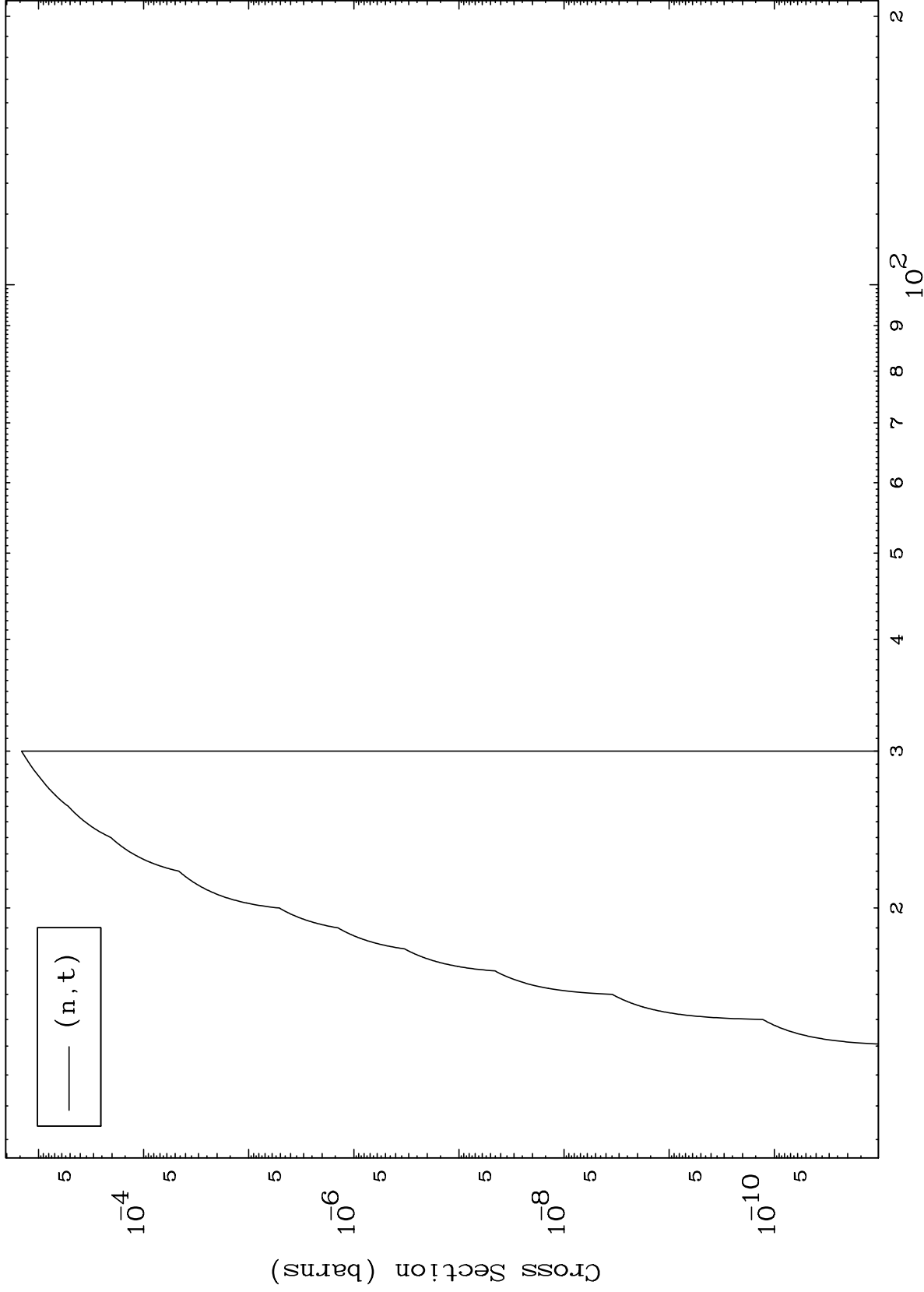
(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-122



Incident Energy (MeV)

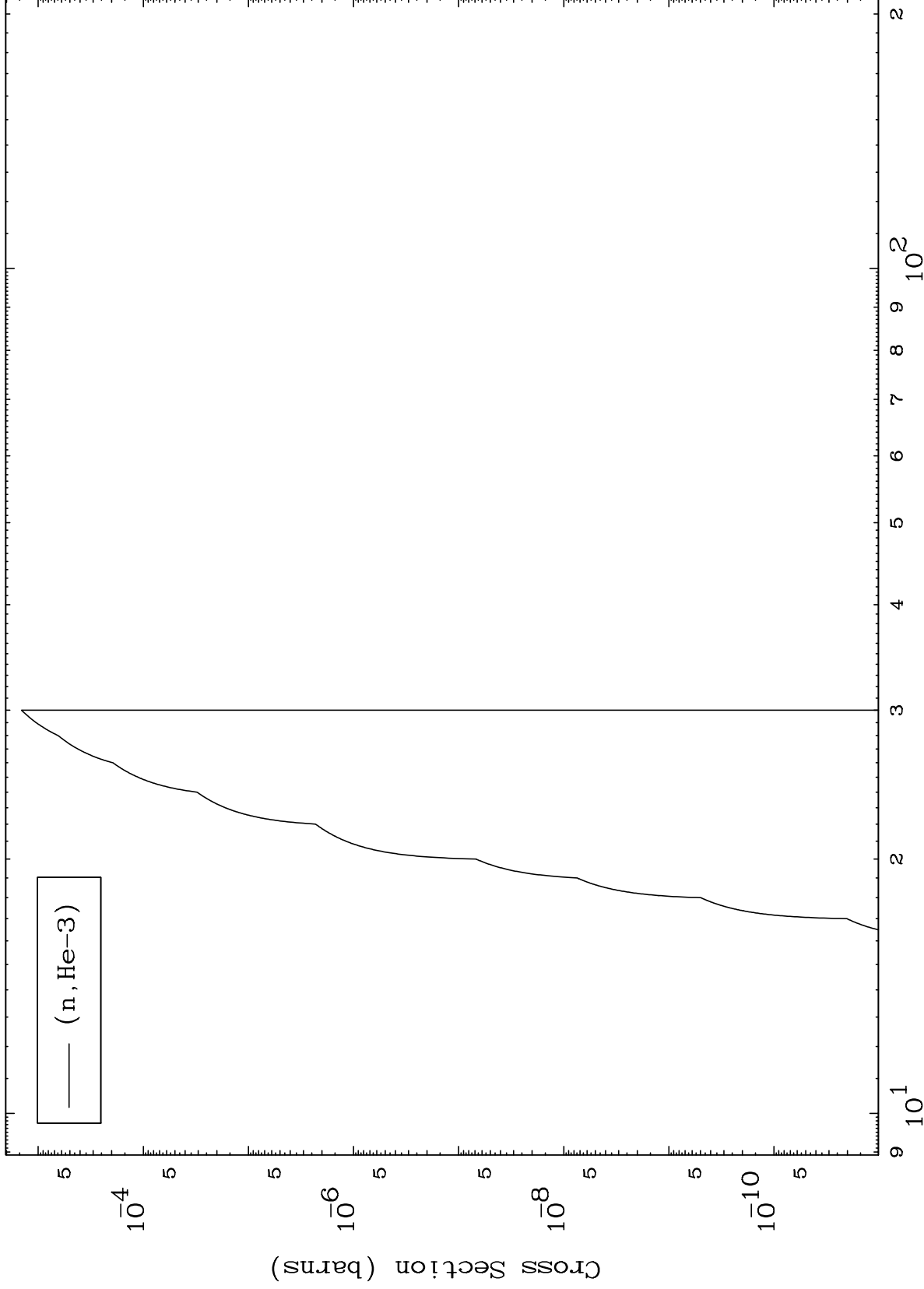
54-Xe-122



MAT 5419

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-122



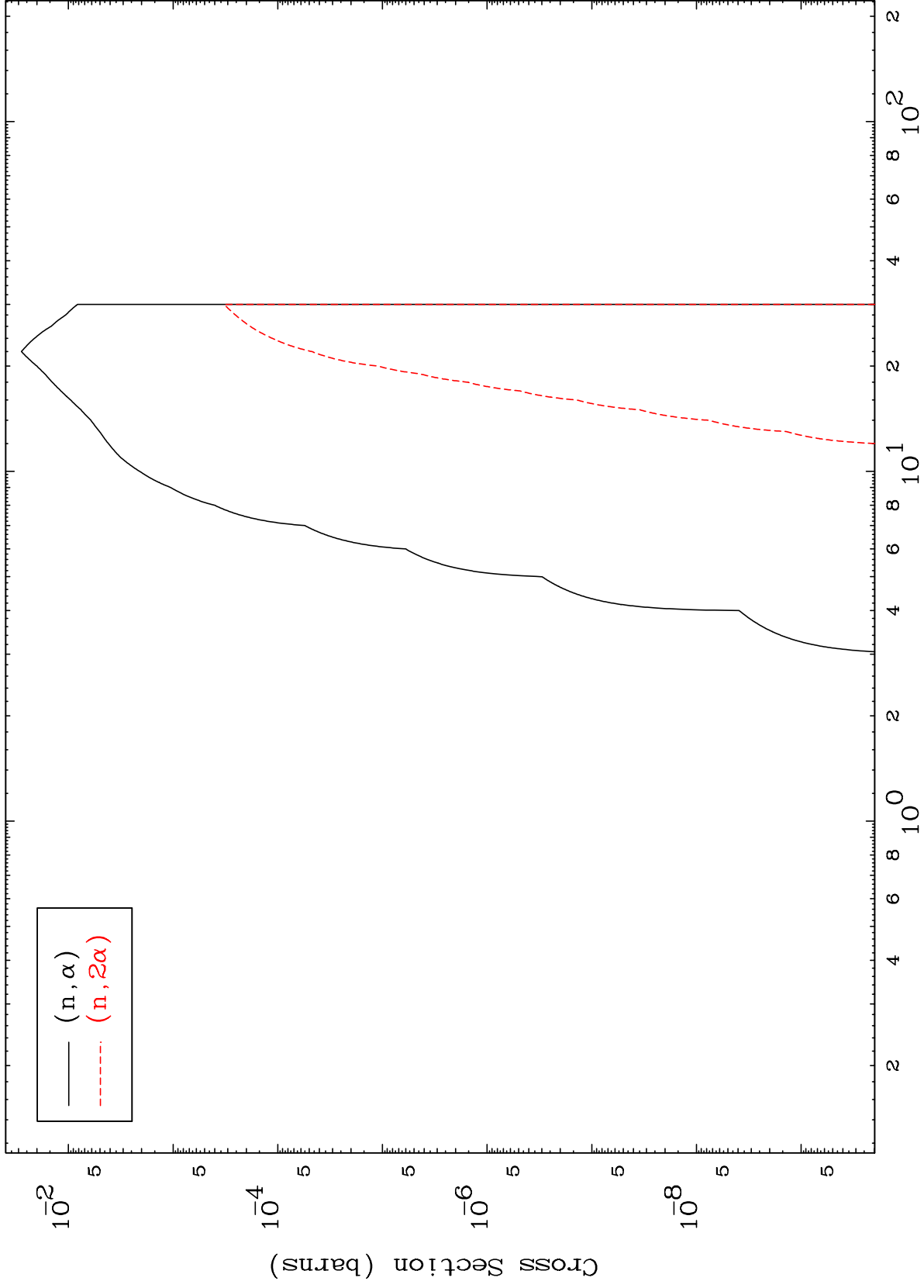
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



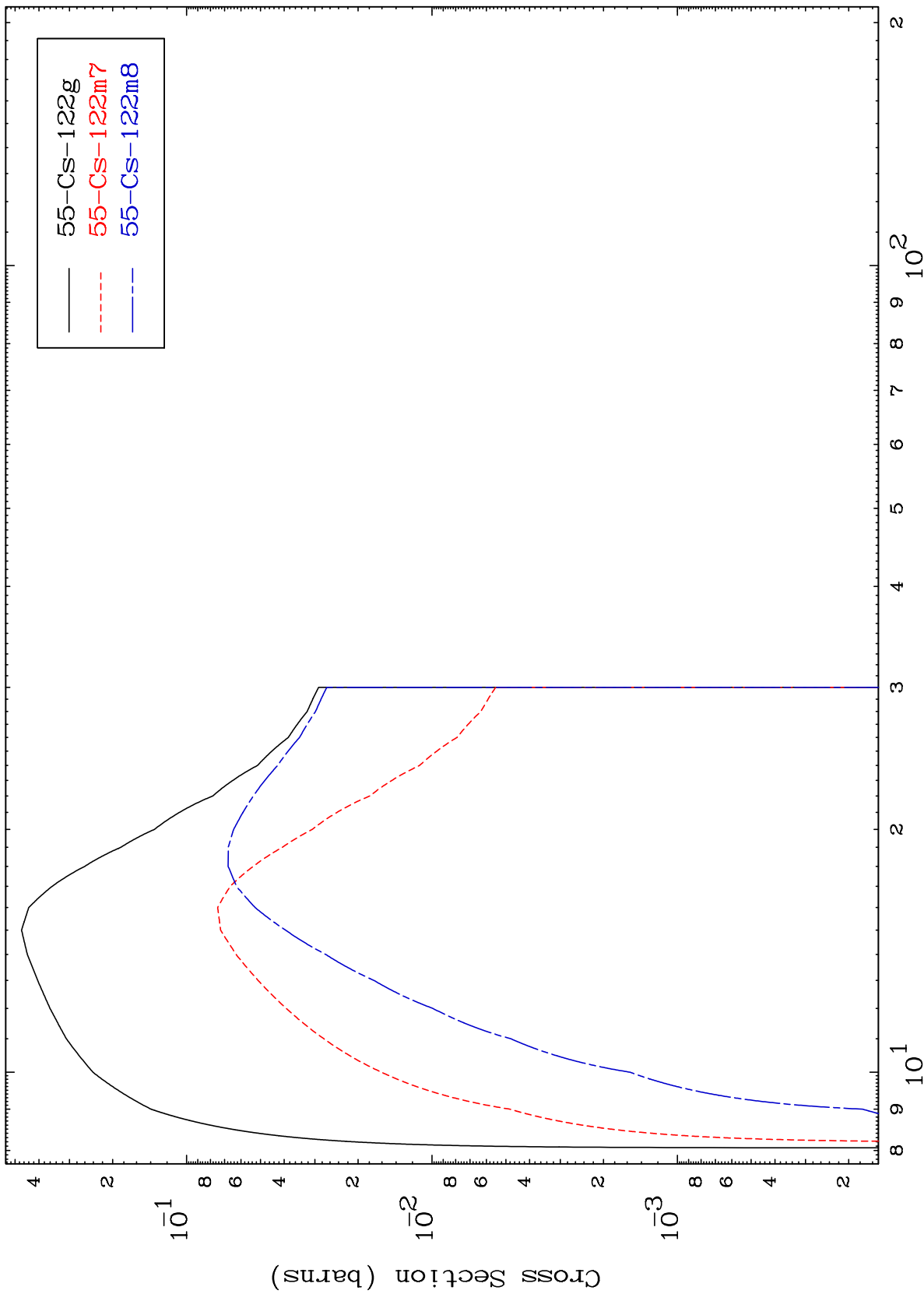
11

54-Xe-122

MAT 5419

54-Xe-122

Inelastic  
Radionuclide Production Cross Section



55-Cs-122g  
55-Cs-122m7  
55-Cs-122m8

54-Xe-122

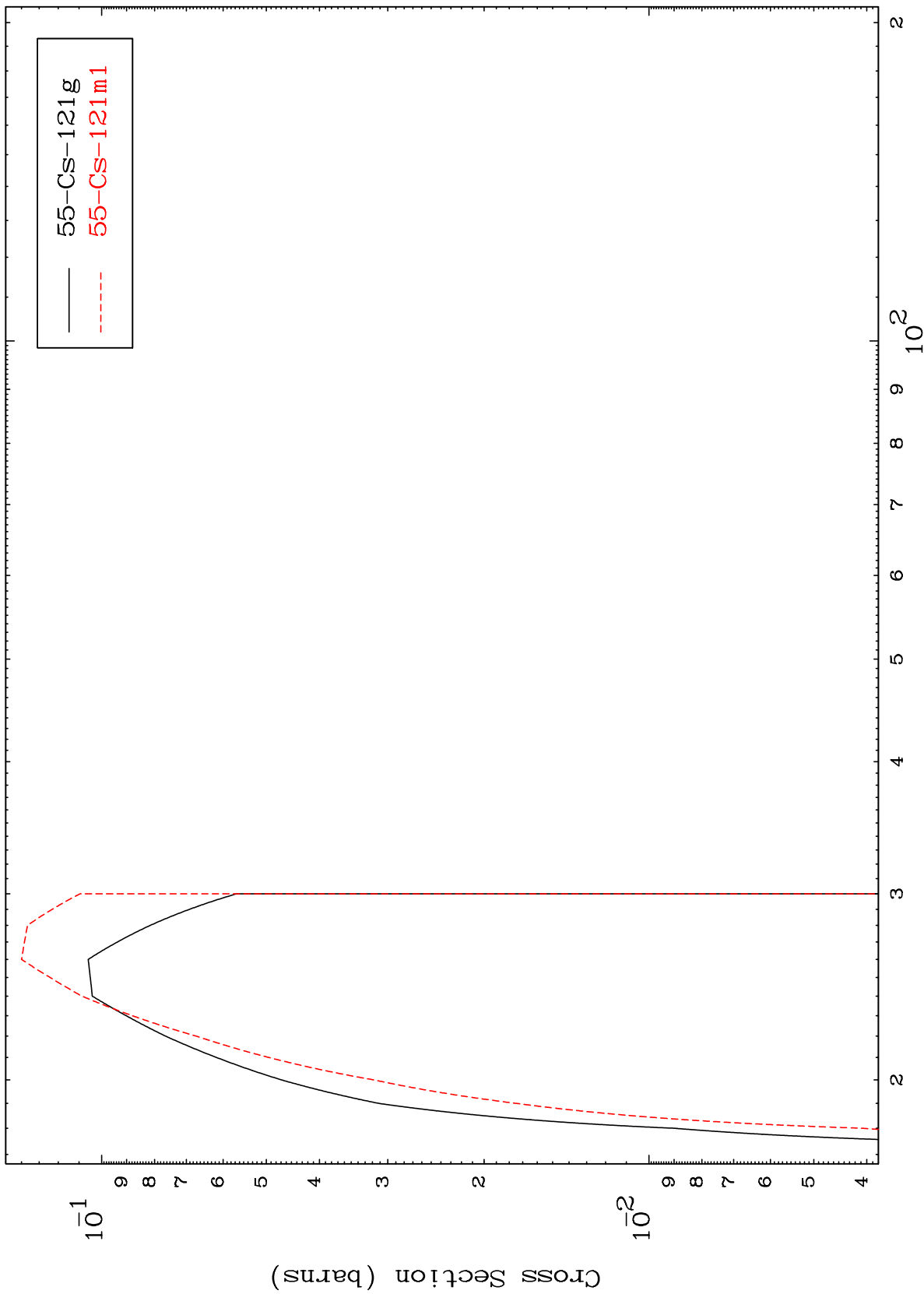
Incident Energy (MeV)

12

MAT 5419

54-Xe-122

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

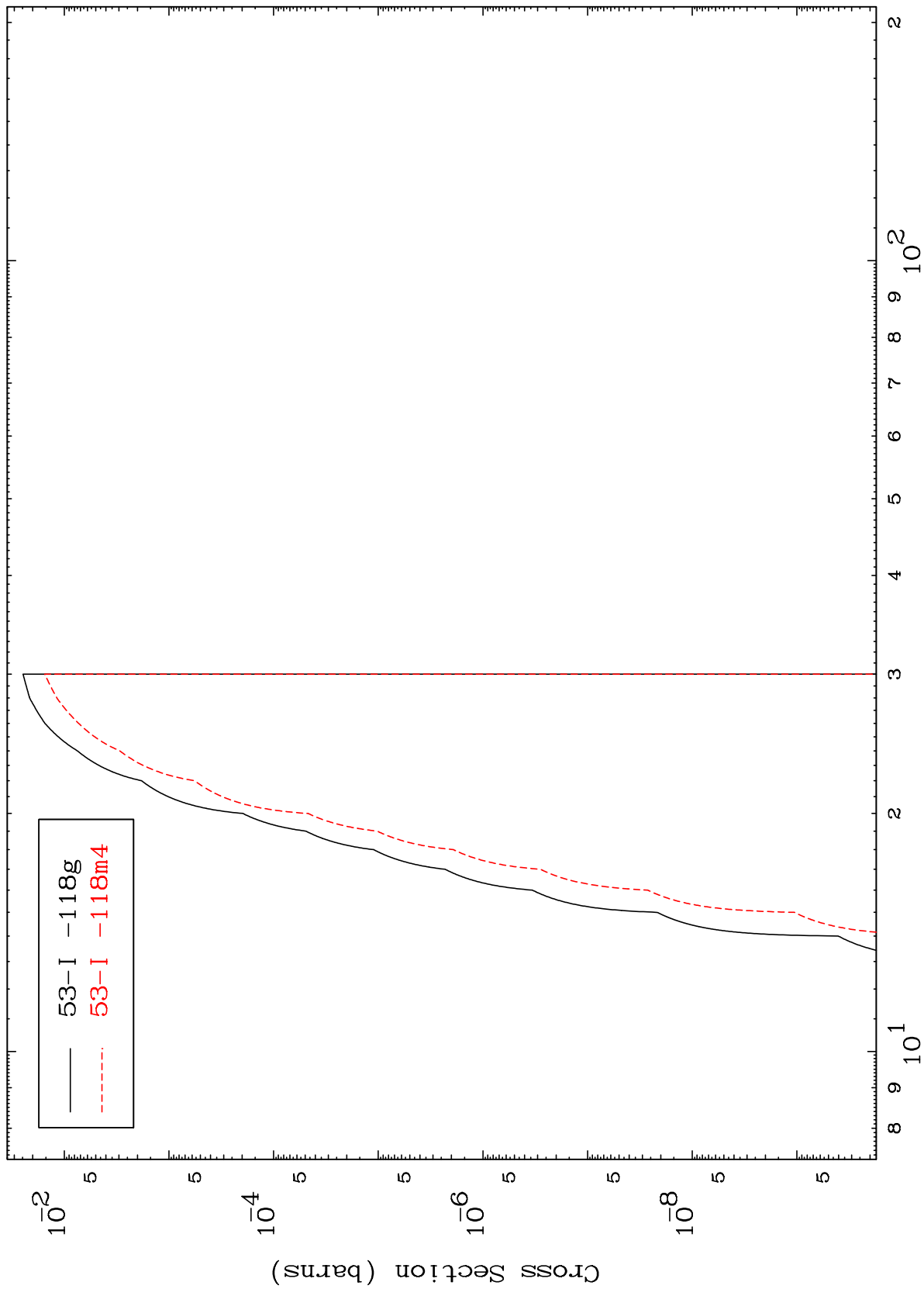
54-Xe-122

MAT 5419

(n,n')  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

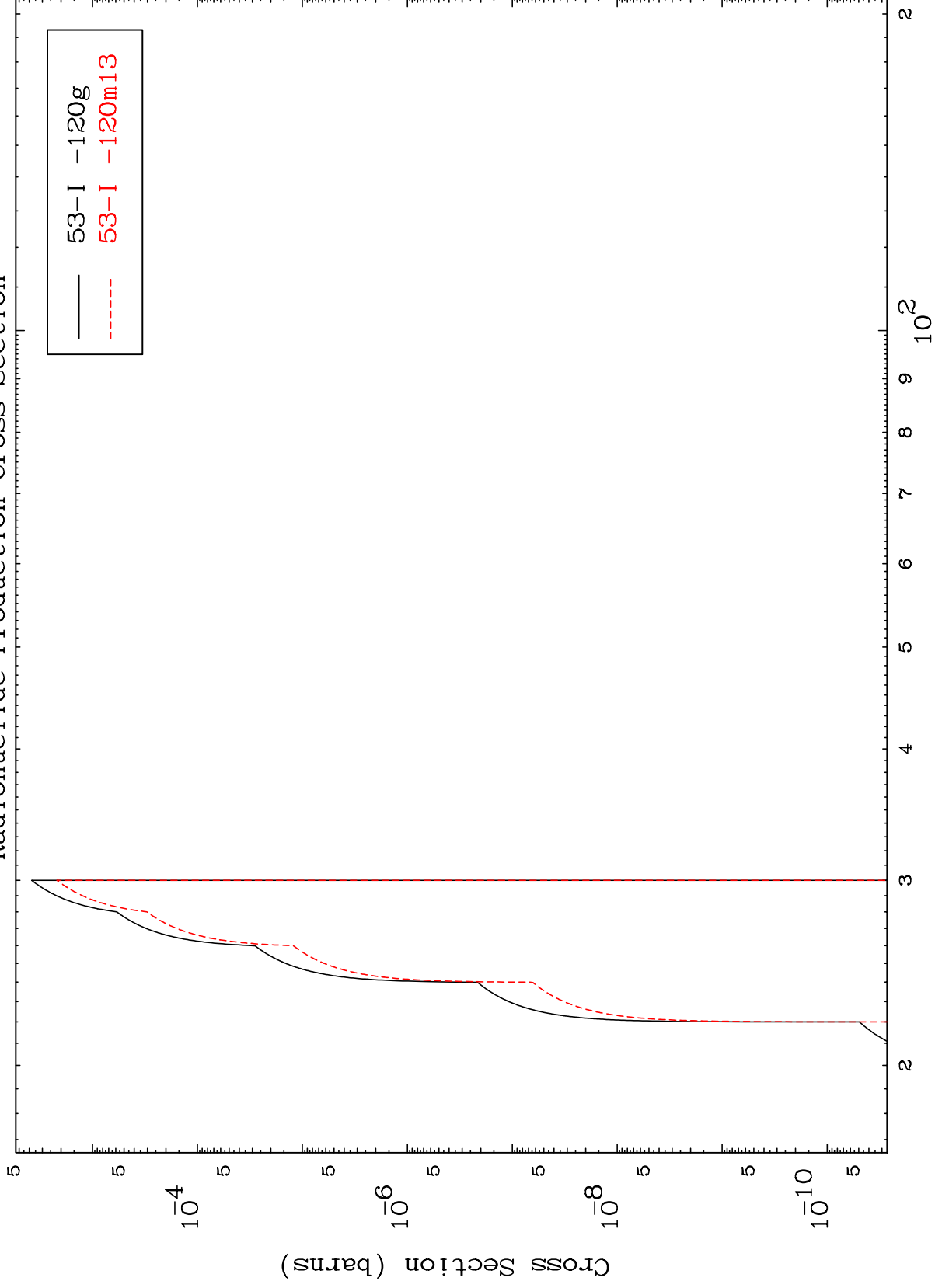
54-Xe-122

MAT 5419

(n,2n) p

54-Xe-122

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-122

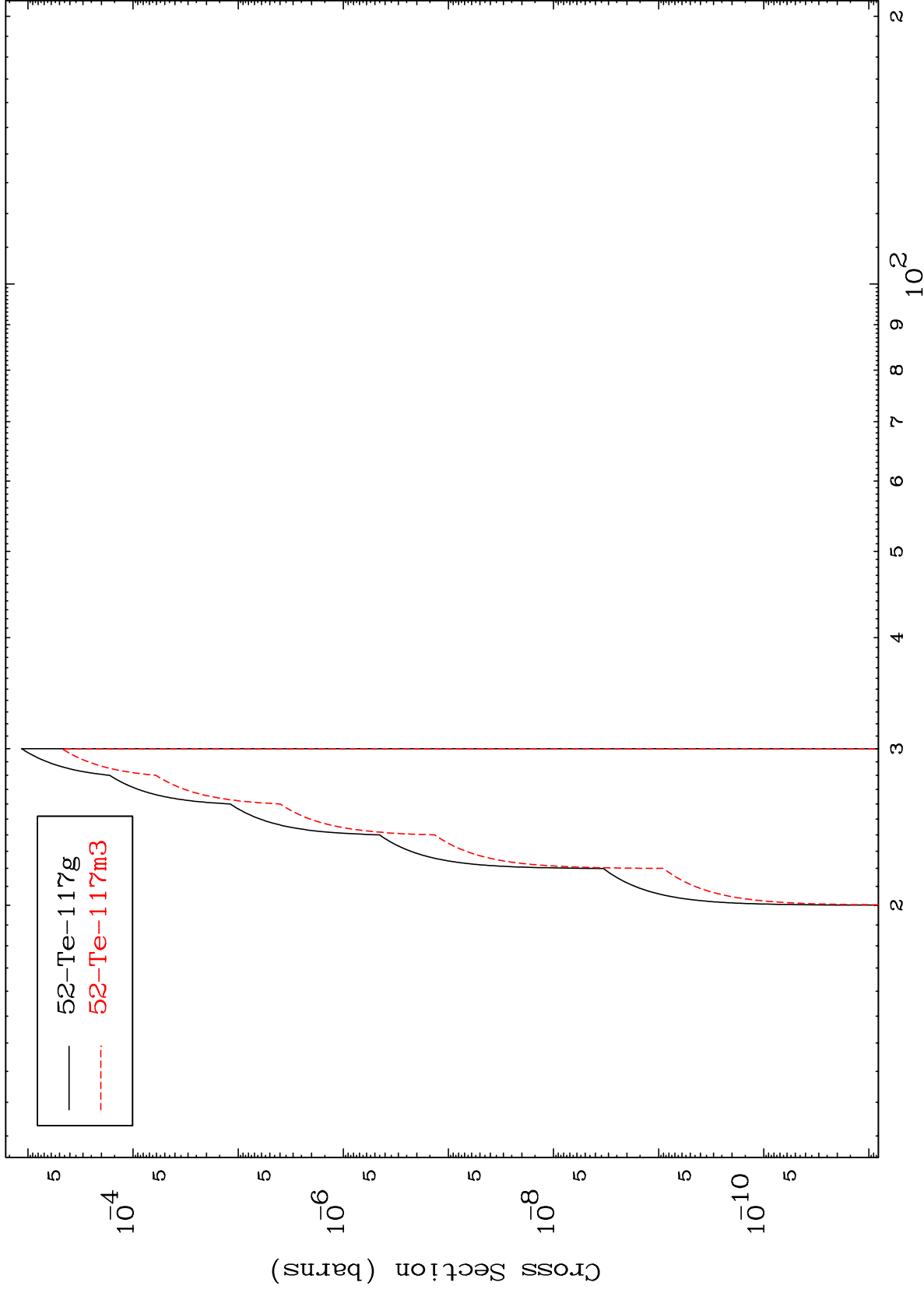


MAT 5419

(n,n') p  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



16

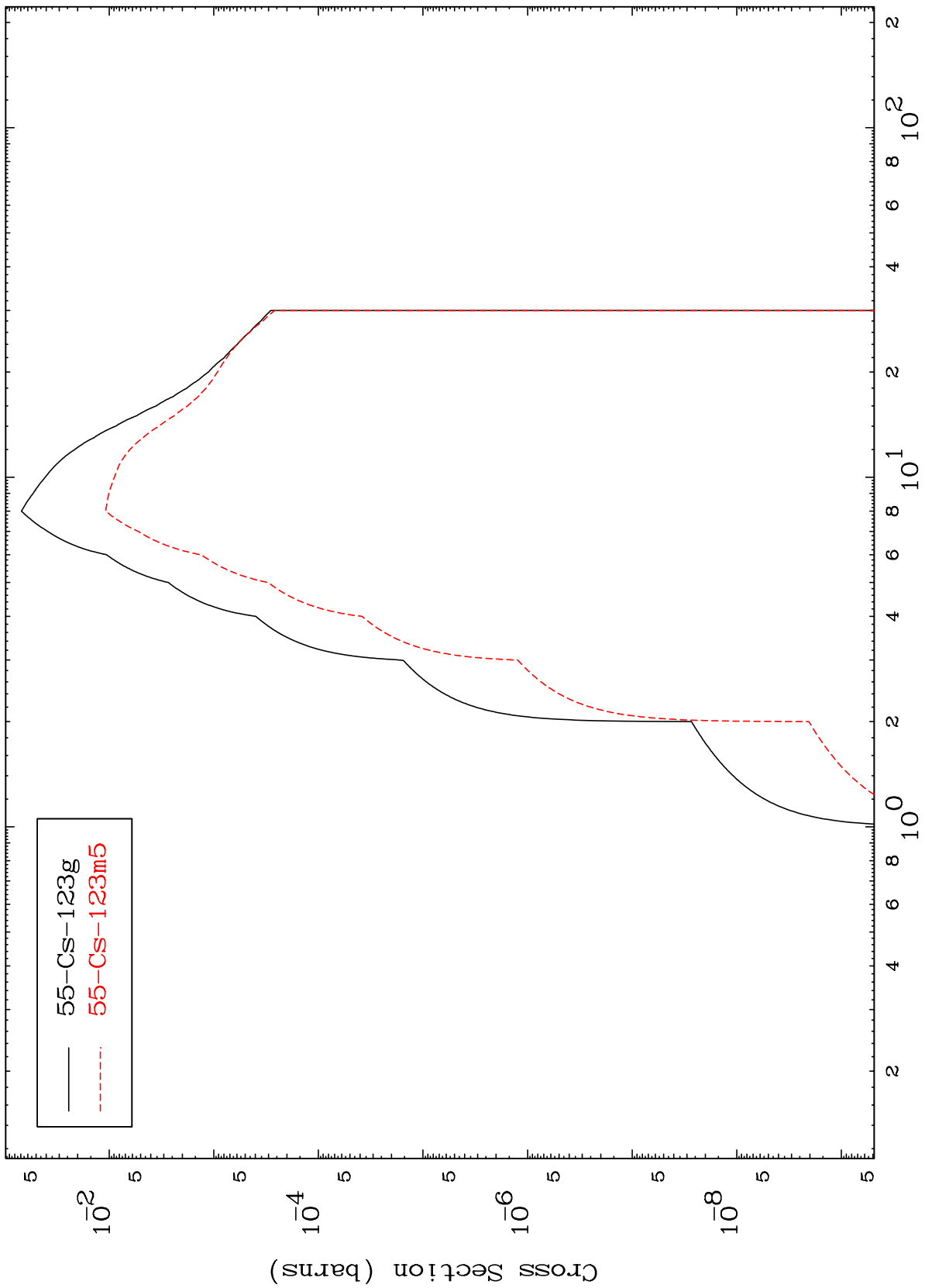
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

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



54-Xe-122

Incident Energy (MeV)

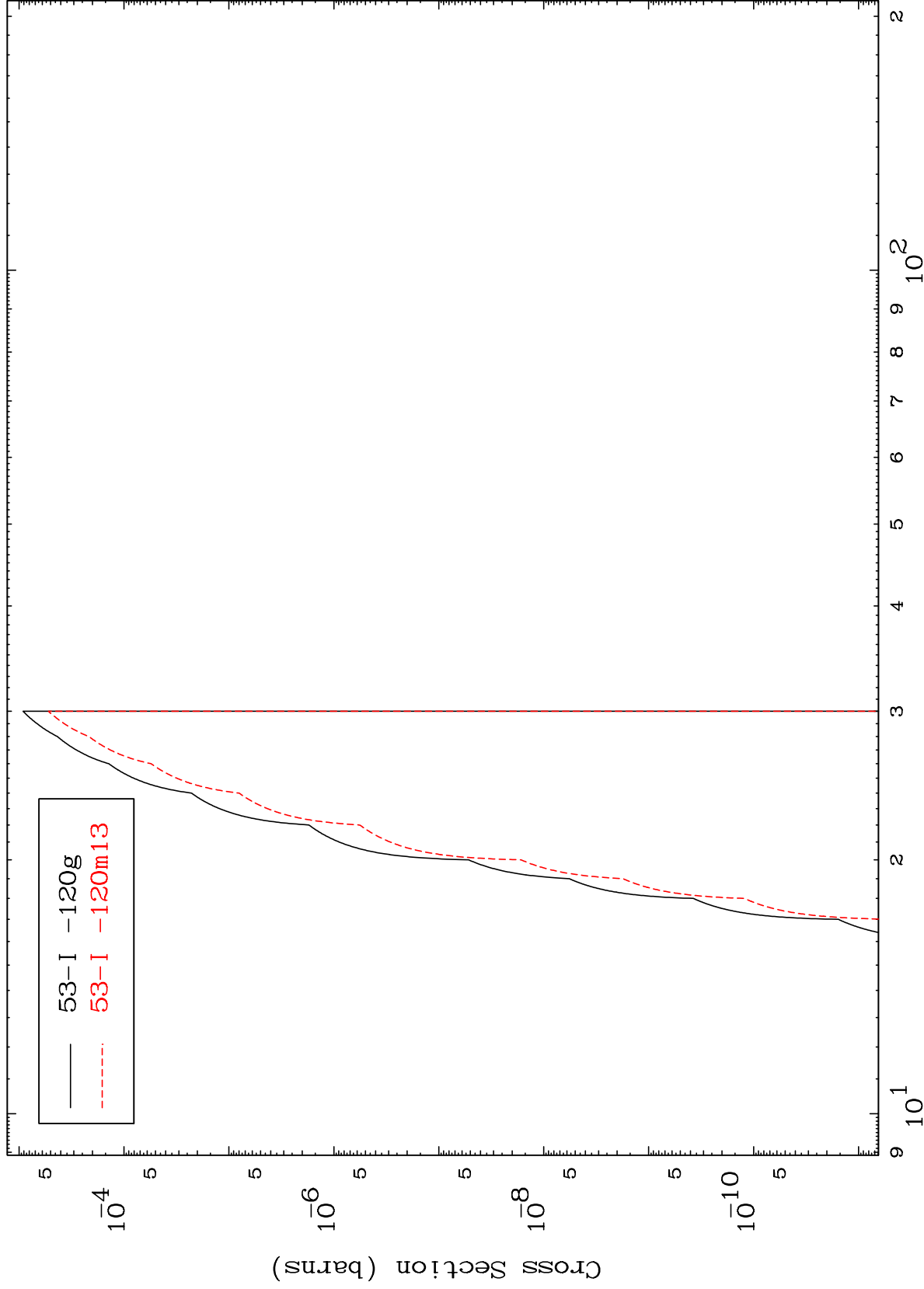
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MAT 5419

(n,He-3)

54-Xe-122

Radionuclide Production Cross Section



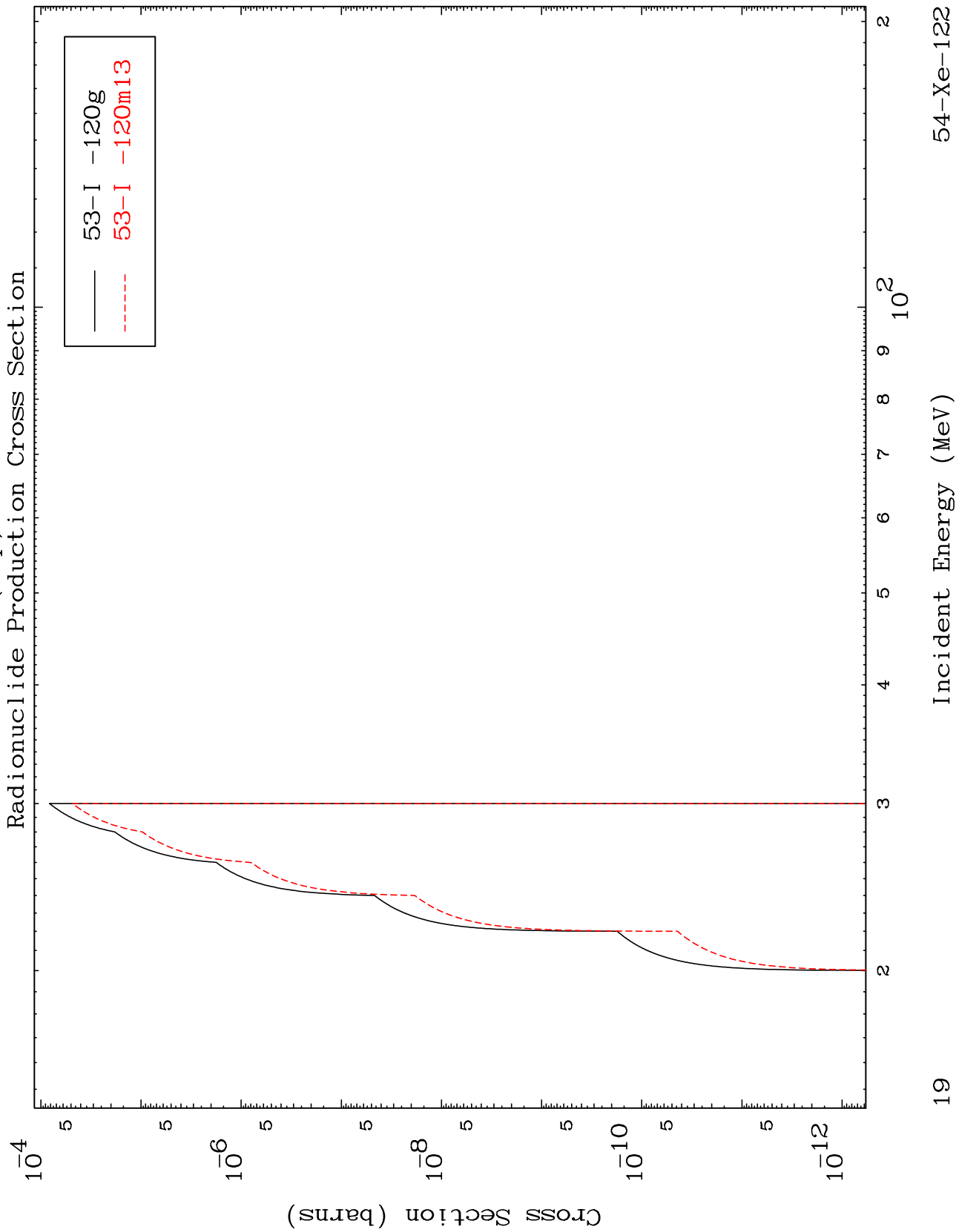
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,p) d

54-Xe-122



19

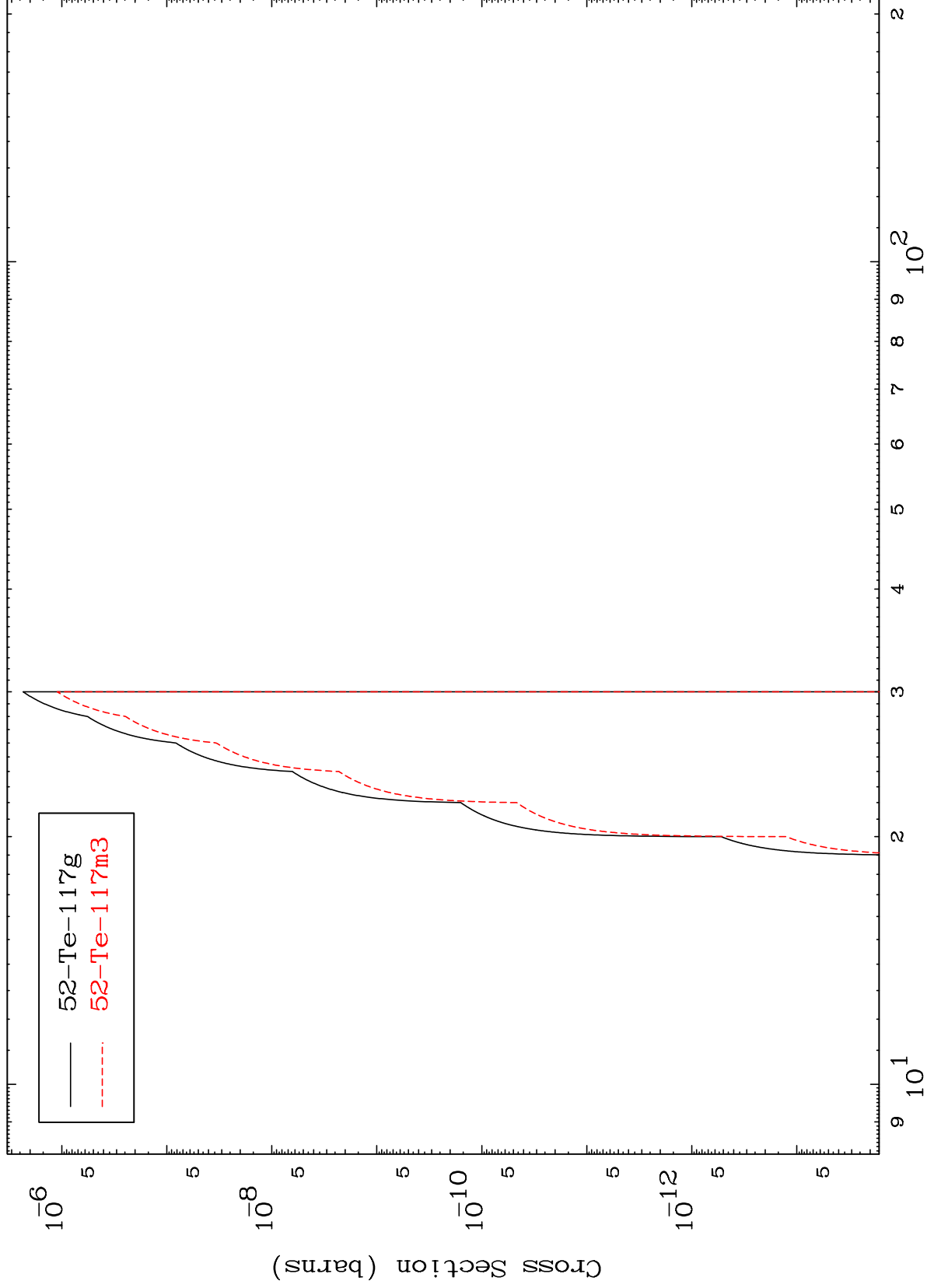
54-Xe-122

MAT 5419

(n,d)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



52-Te-117g  
52-Te-117m3

20

Incident Energy (MeV)

54-Xe-122