

Program EVALPLOT  
(Version 2021-1)

by

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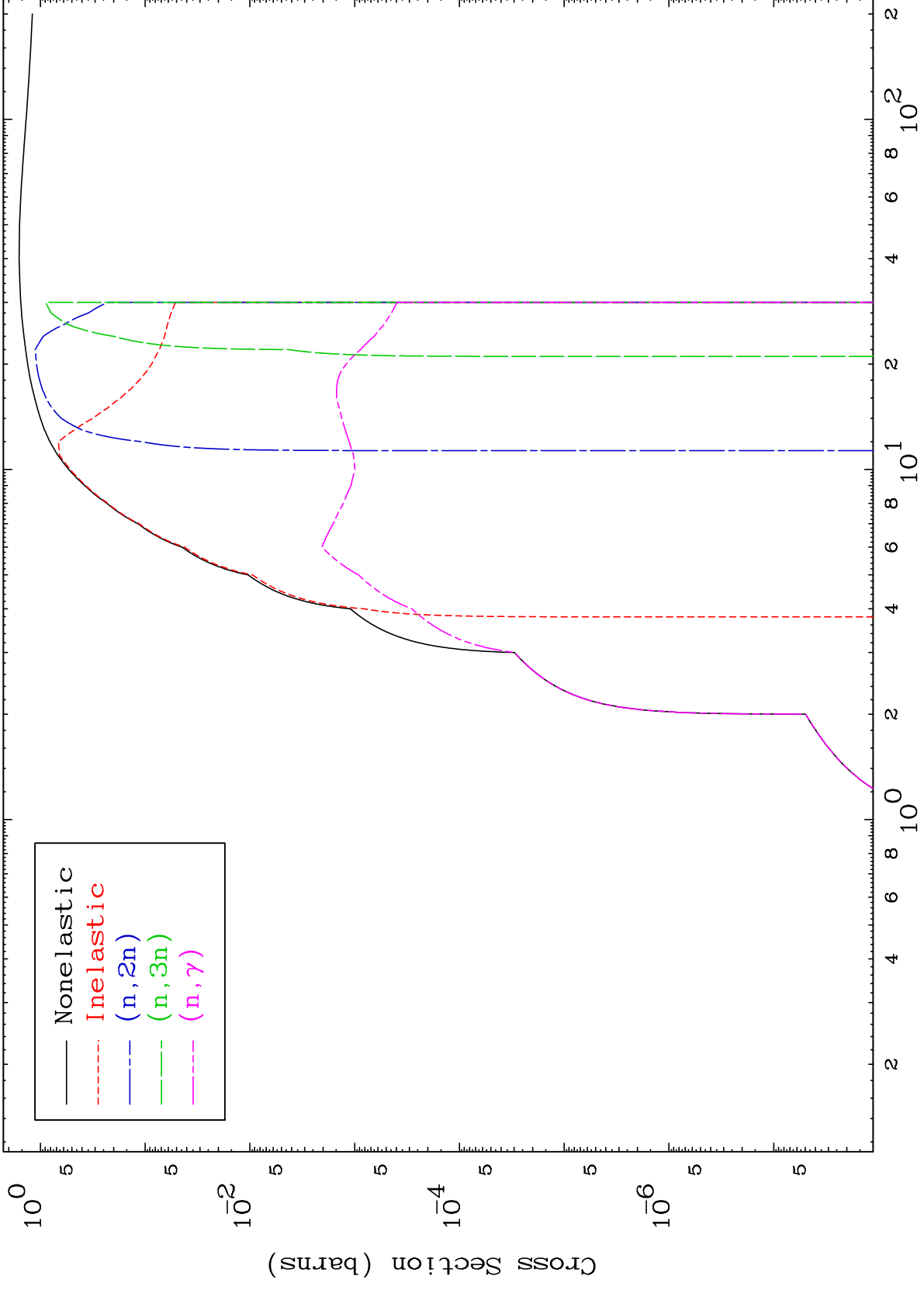
Press Mouse Button to Start

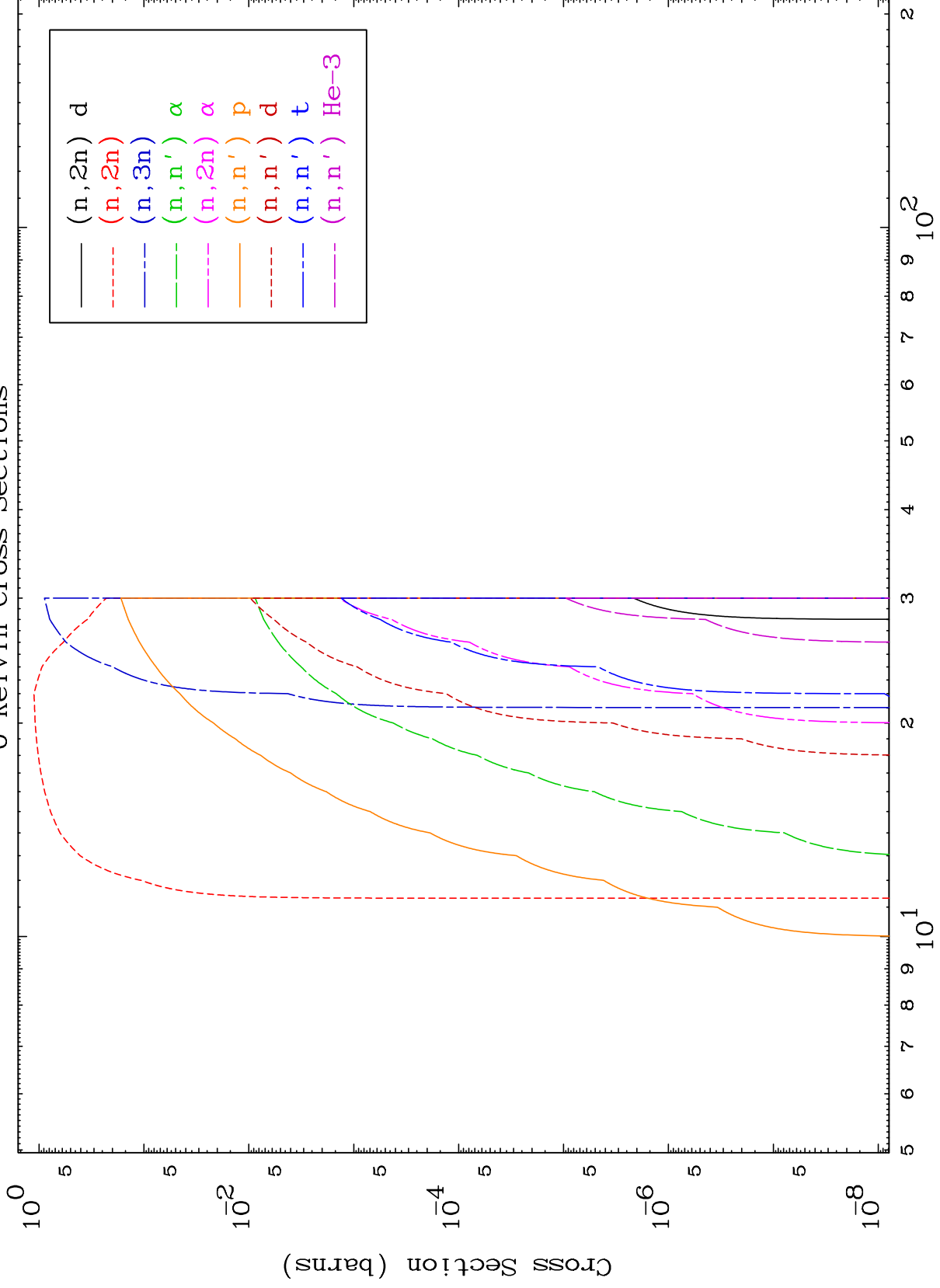
MAT 5443

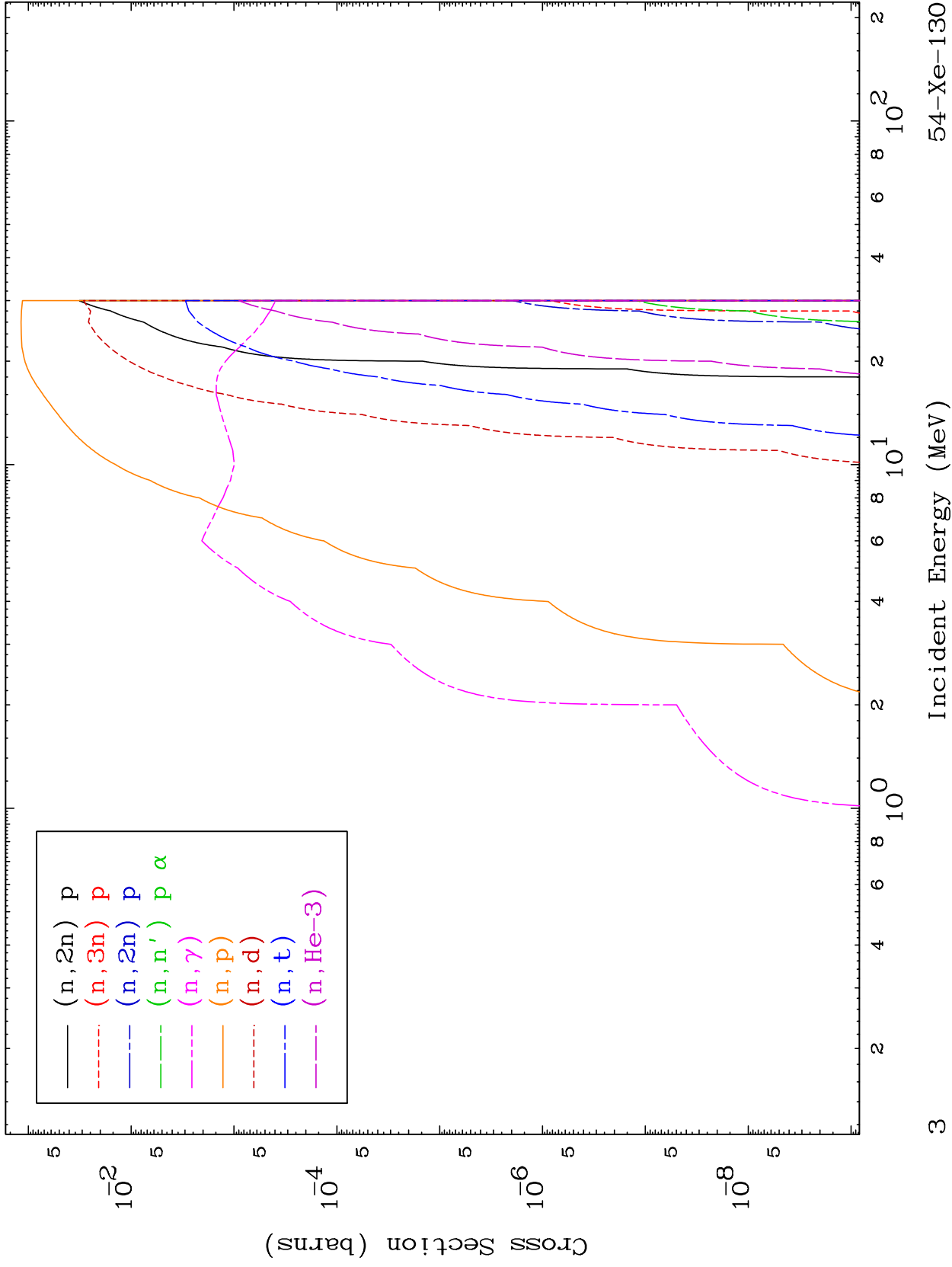
Proton Major

54-Xe-130

0 Kelvin Cross Sections



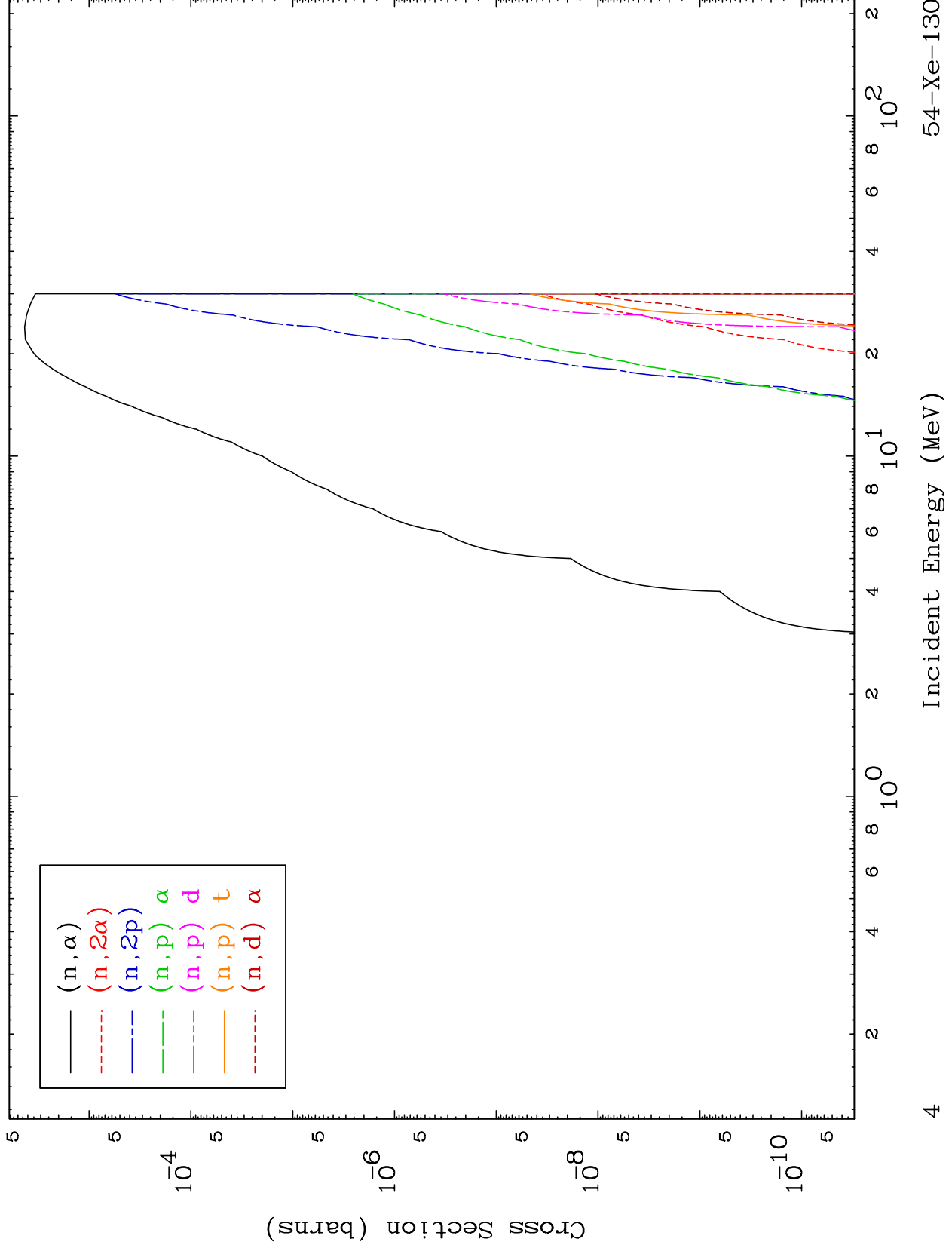




MAT 5443

Proton Neutron Absorption  
0 Kelvin Cross Sections

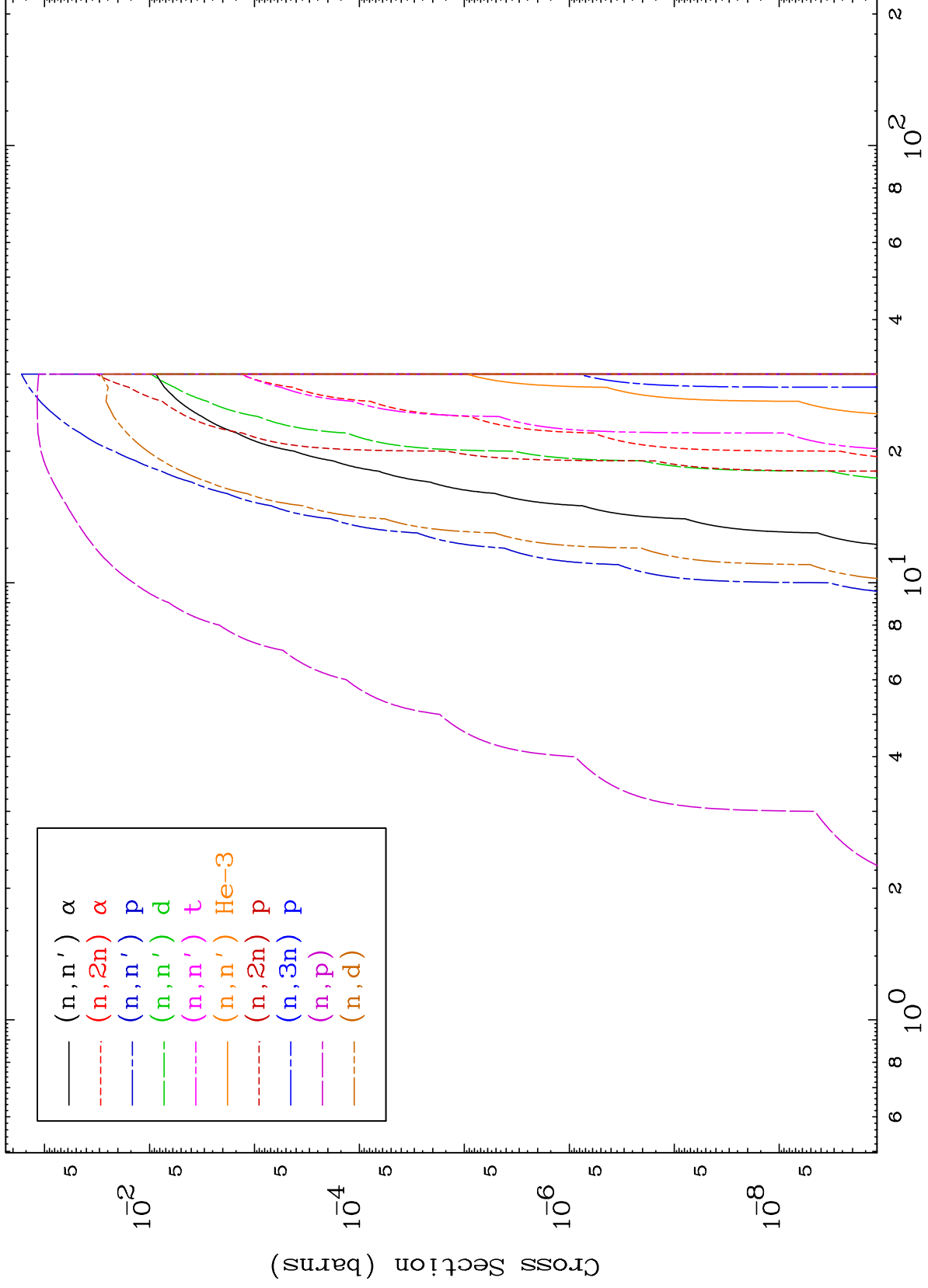
54-Xe-130



MAT 5443

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-130



5

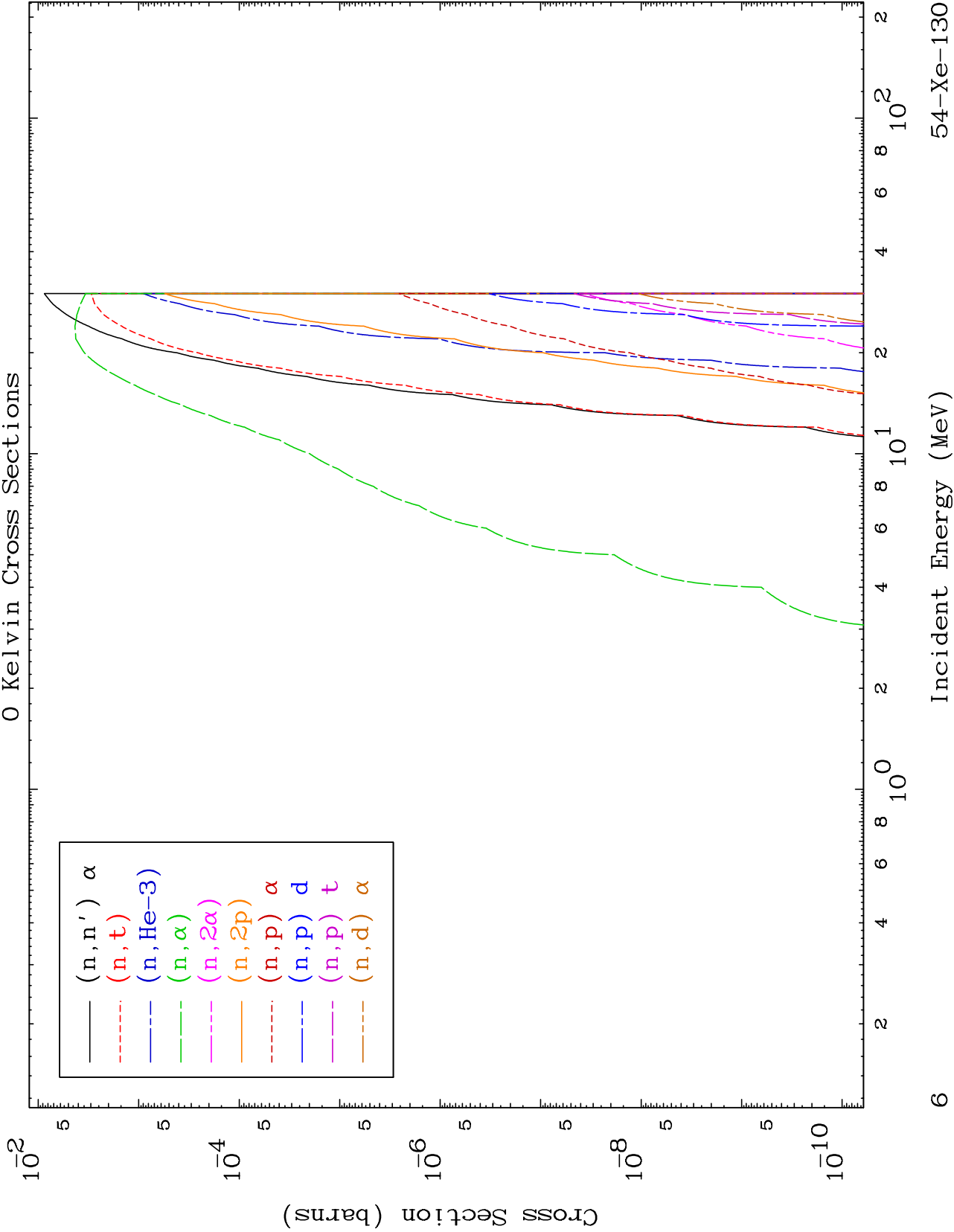
Incident Energy (MeV)

54-Xe-130

MAT 5443

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-130

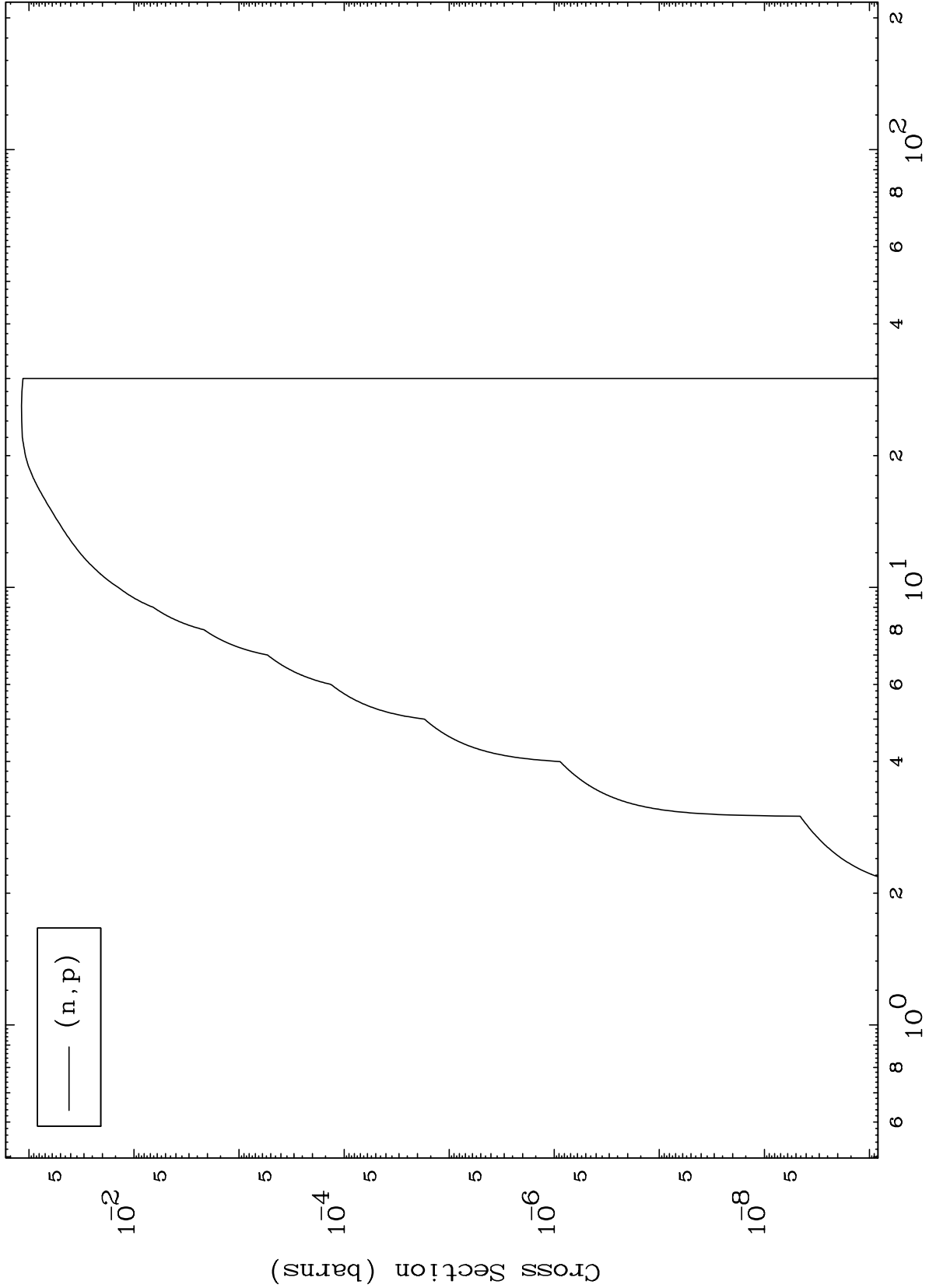


MAT 5443

(p,p) Levels

54-Xe-130

0 Kelvin Cross Sections



7

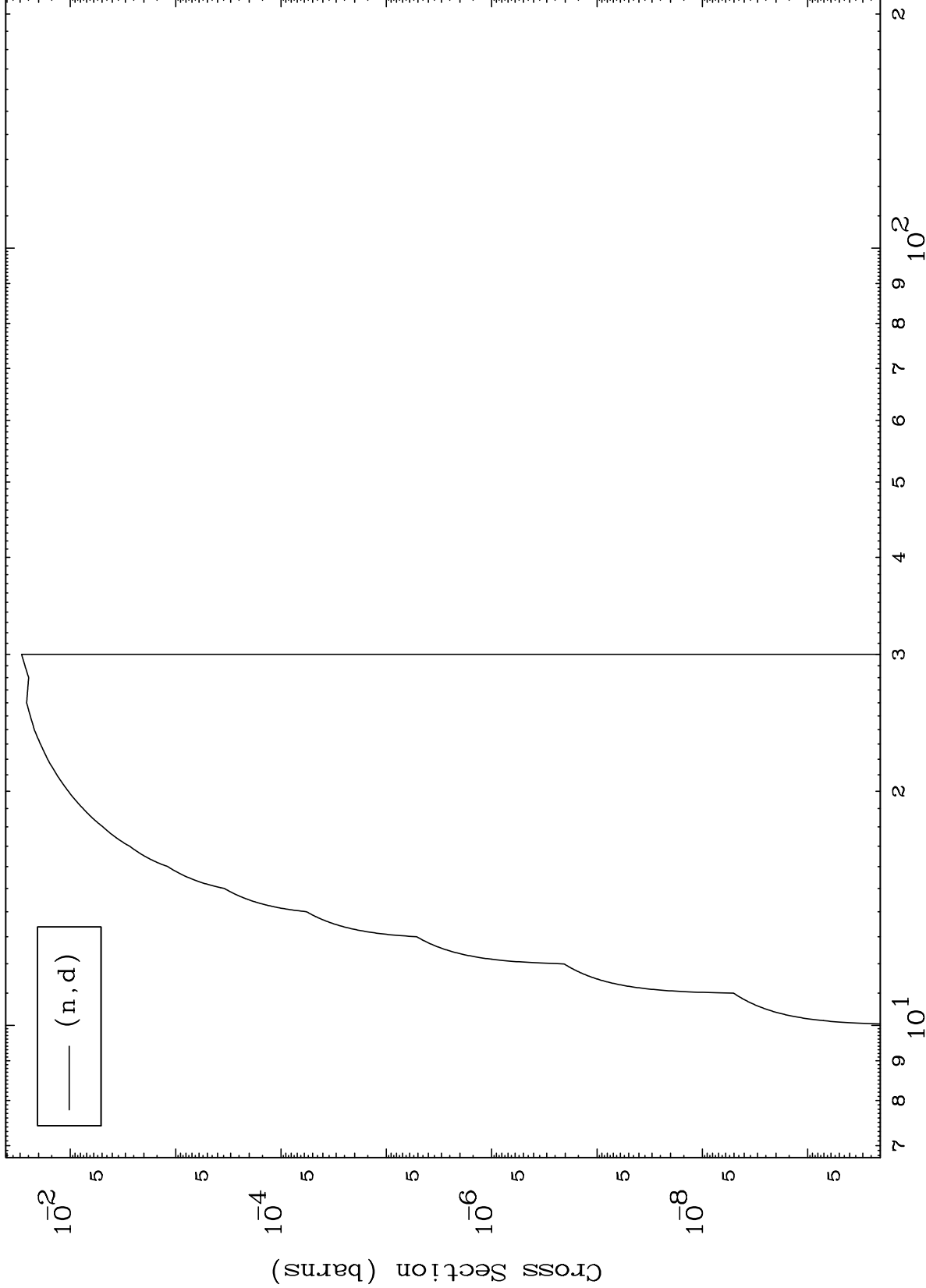
Incident Energy (MeV)

54-Xe-130

MAT 5443

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-130



8

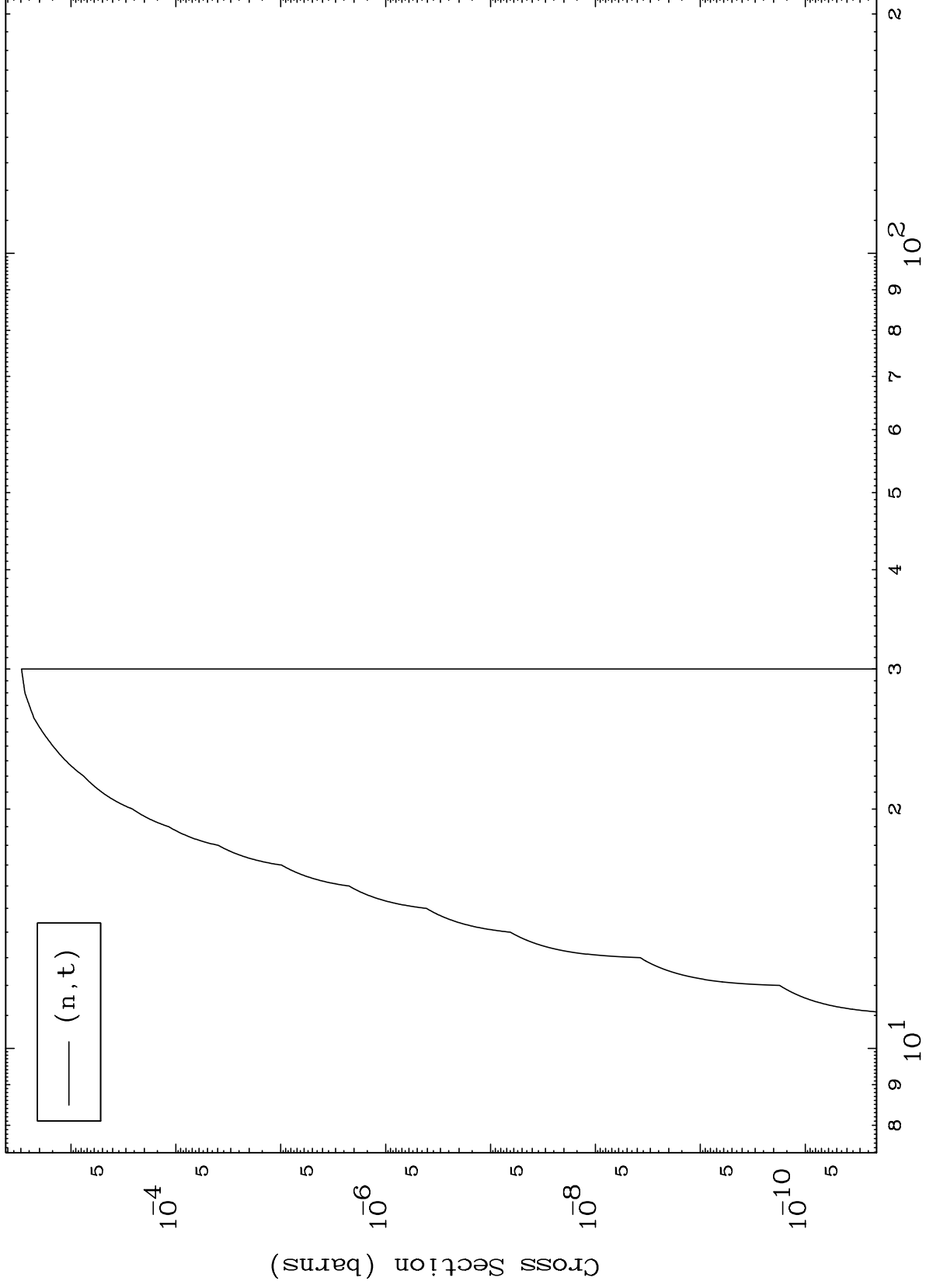
Incident Energy (MeV)

54-Xe-130

MAT 5443

(p, t) Levels  
0 Kelvin Cross Sections

54-Xe-130



9

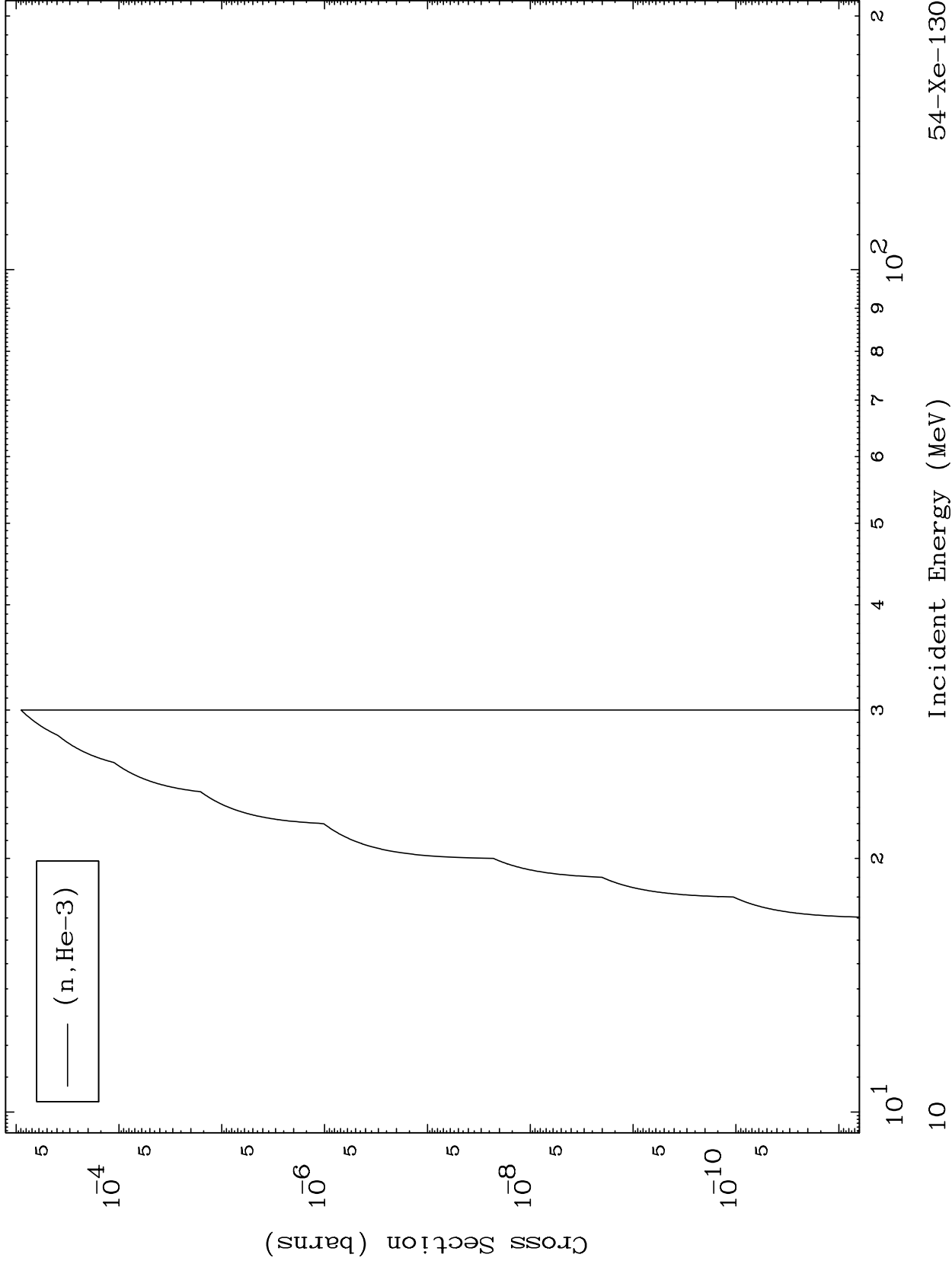
Incident Energy (MeV)

54-Xe-130

MAT 5443

(p,He3) Levels  
0 Kelvin Cross Sections

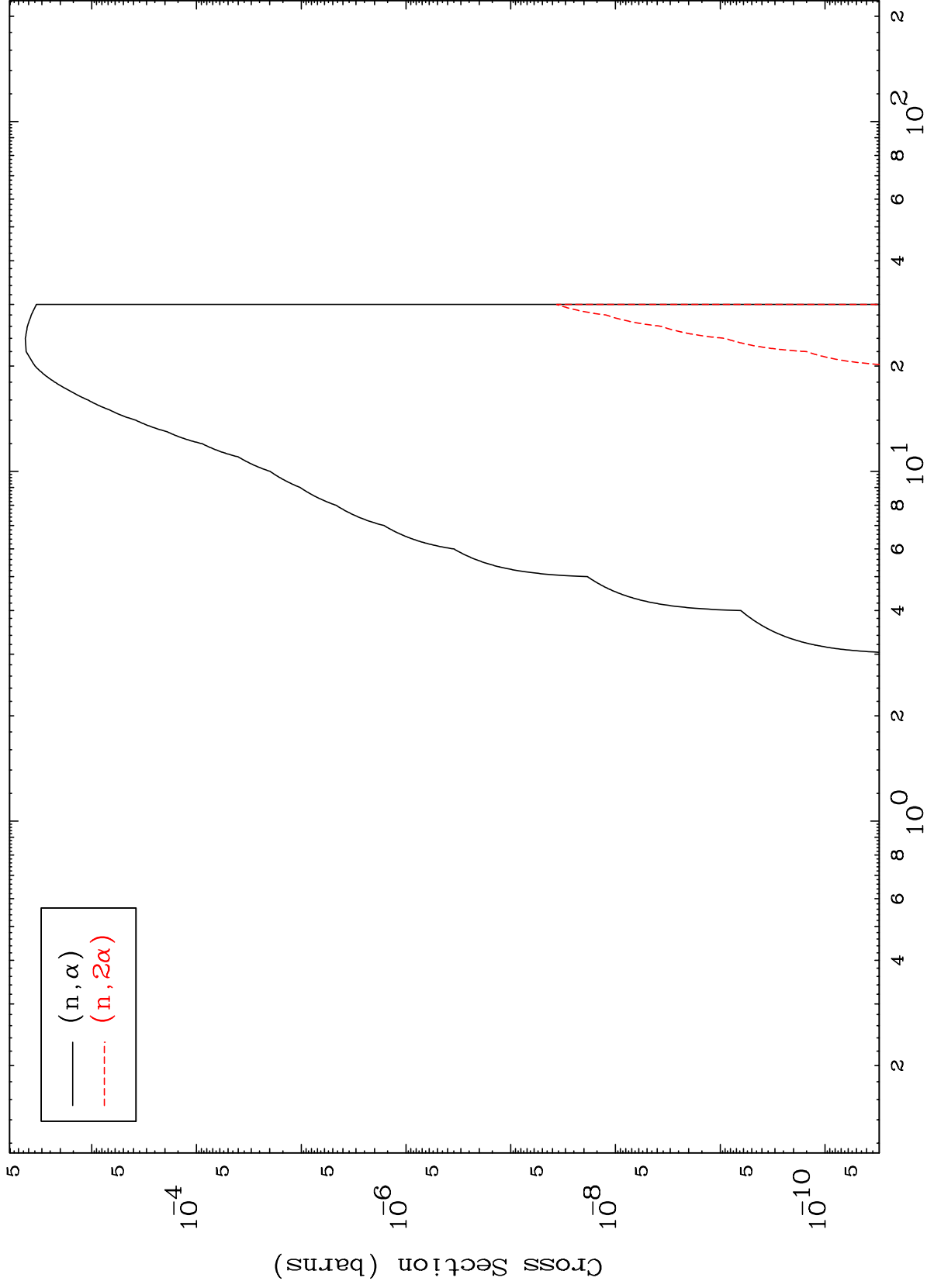
54-Xe-130



MAT 5443

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

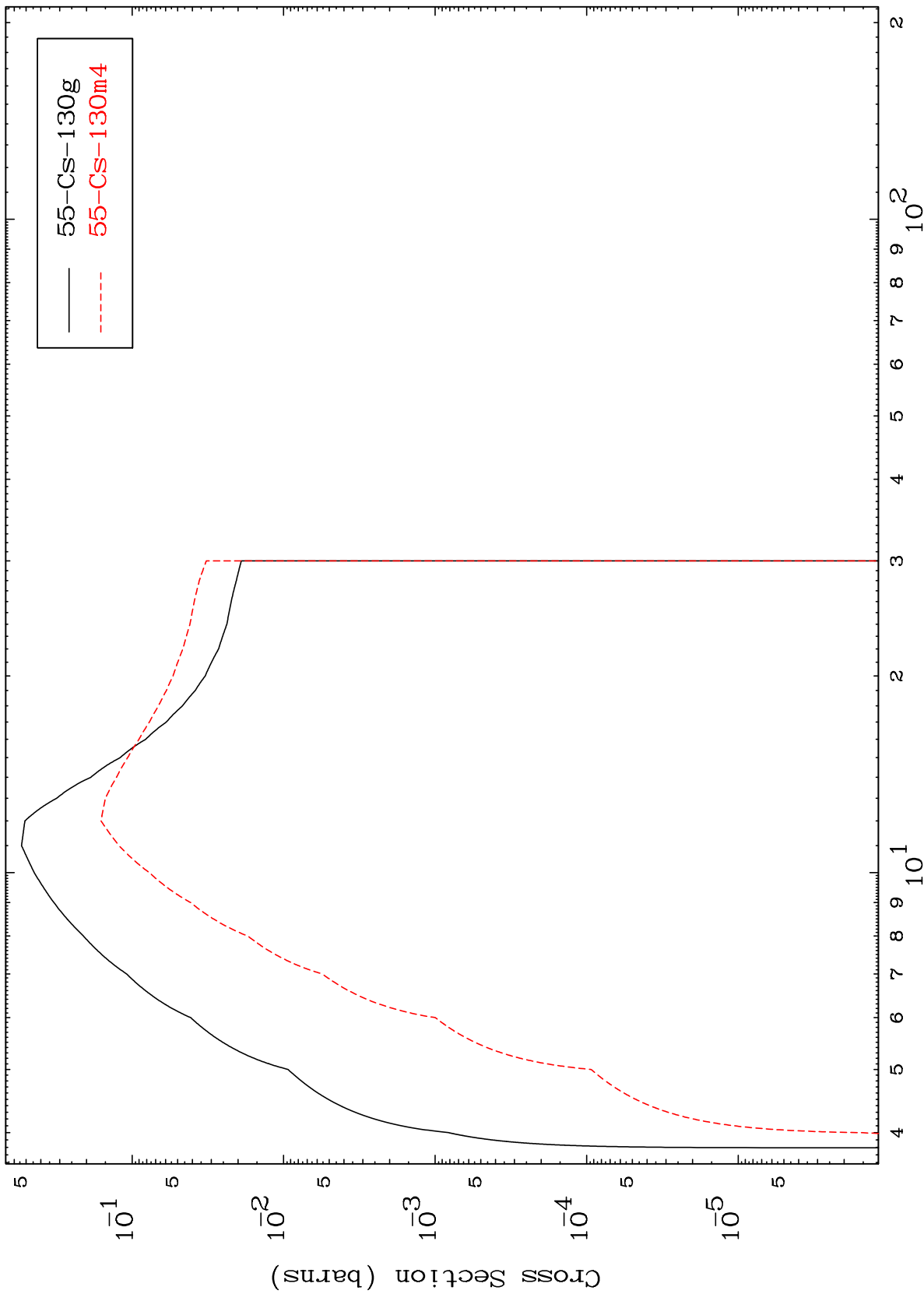
54-Xe-130



MAT 5443

54-Xe-130

Inelastic  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

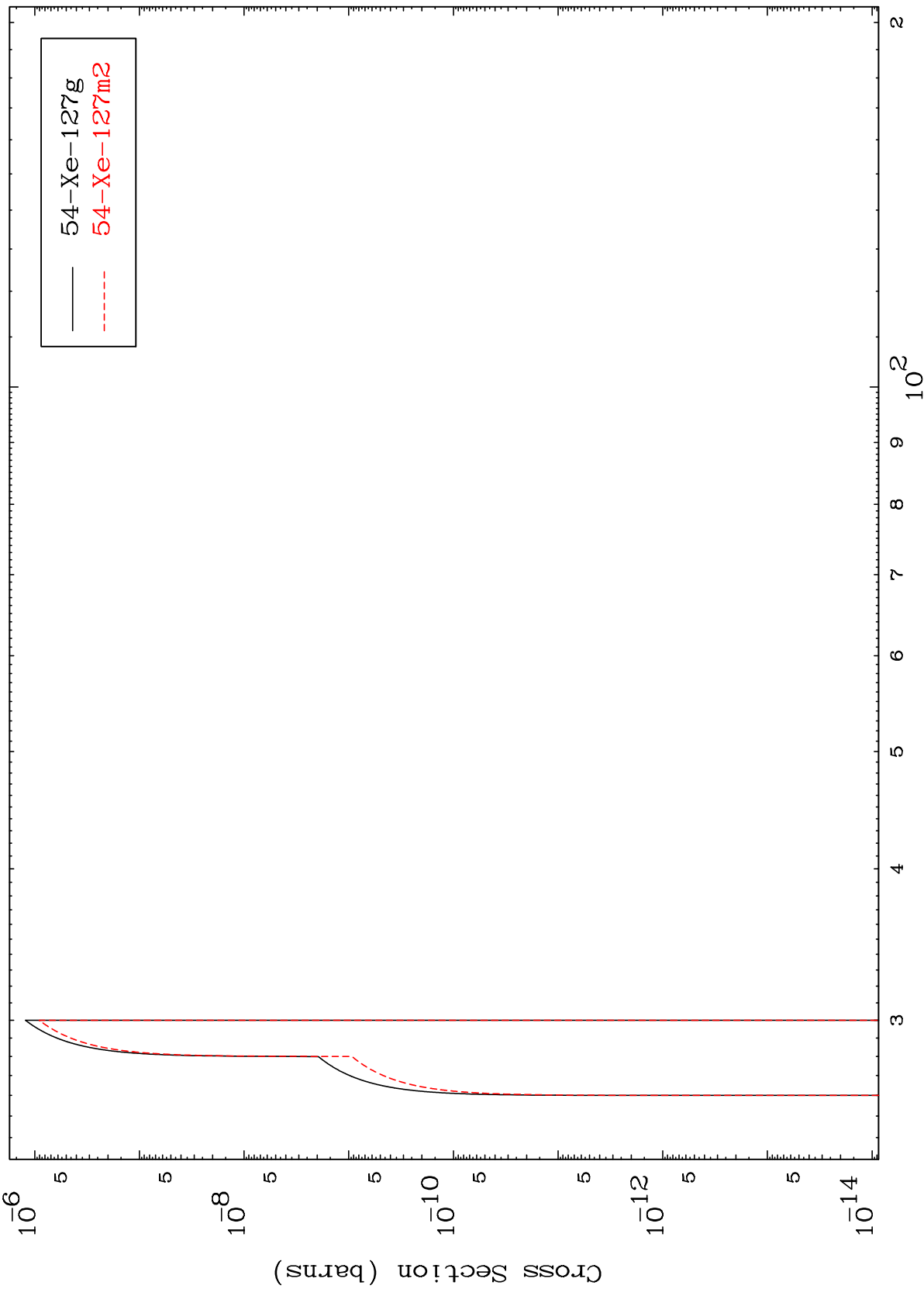
54-Xe-130

MAT 5443

(n,2n) d

54-Xe-130

Radionuclide Production Cross Section



54-Xe-127g  
54-Xe-127m2

13

Incident Energy (MeV)

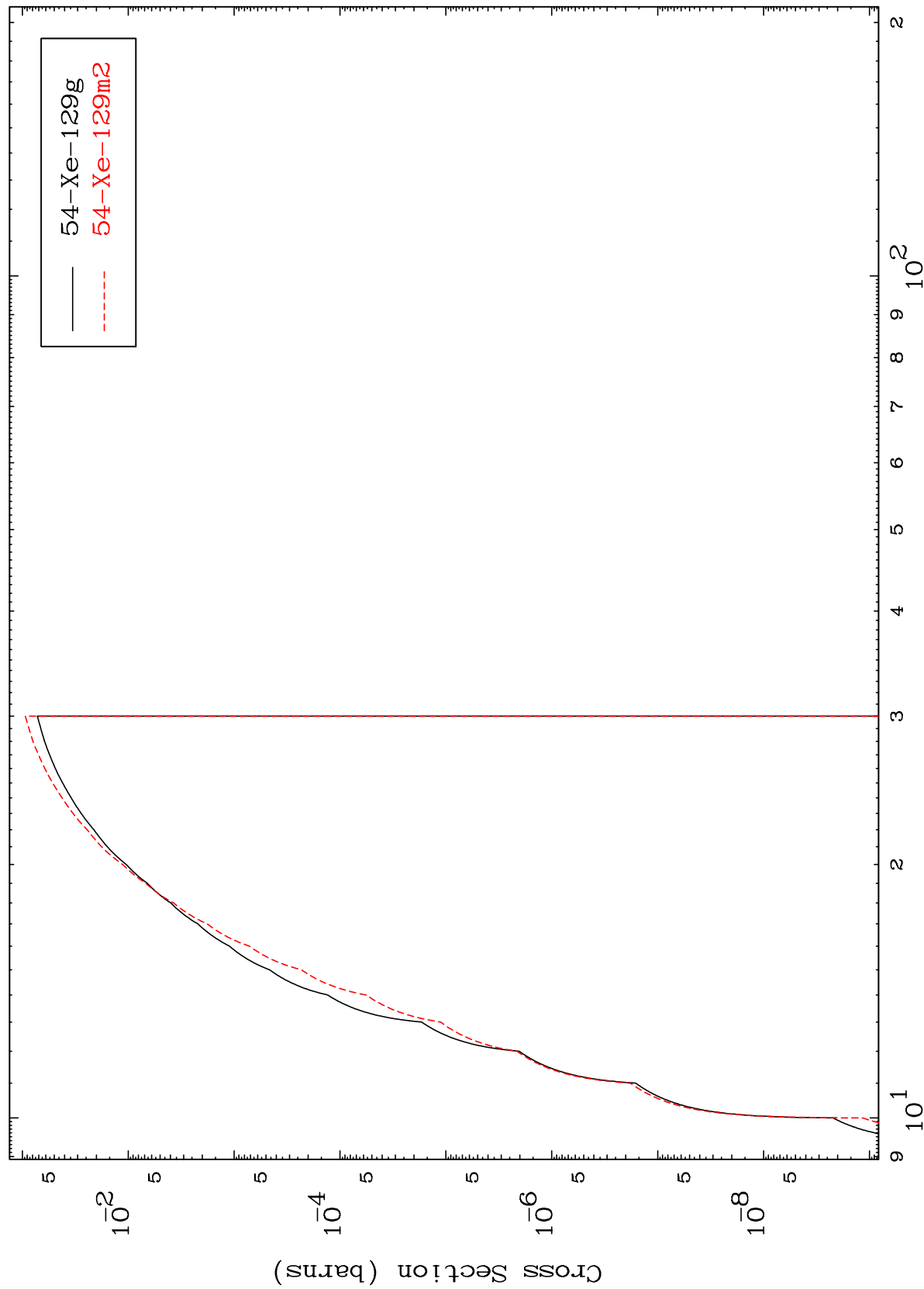
54-Xe-130

MAT 5443

(n,n') p

54-Xe-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

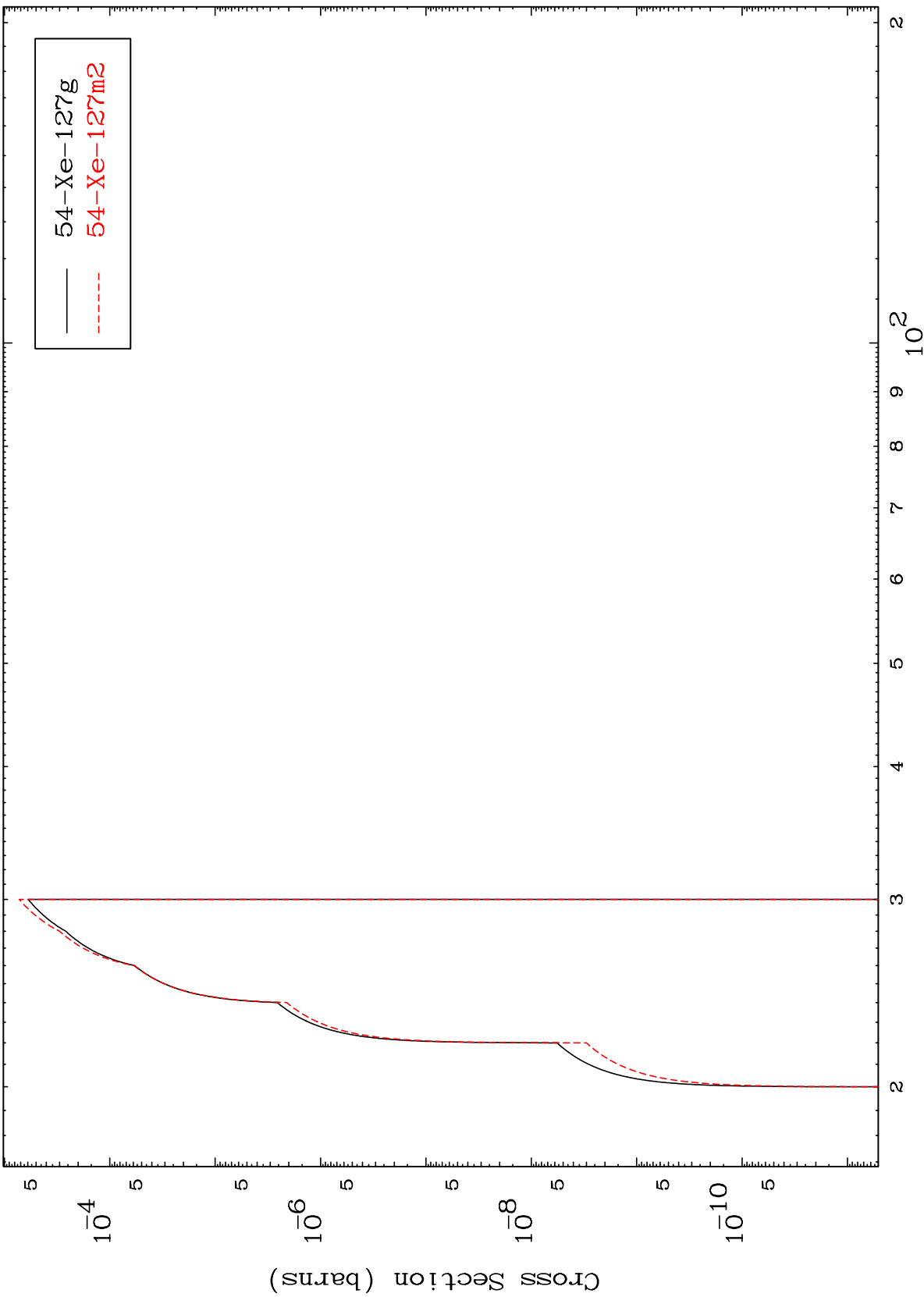
54-Xe-130

MAT 5443

(n,n') t

54-Xe-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

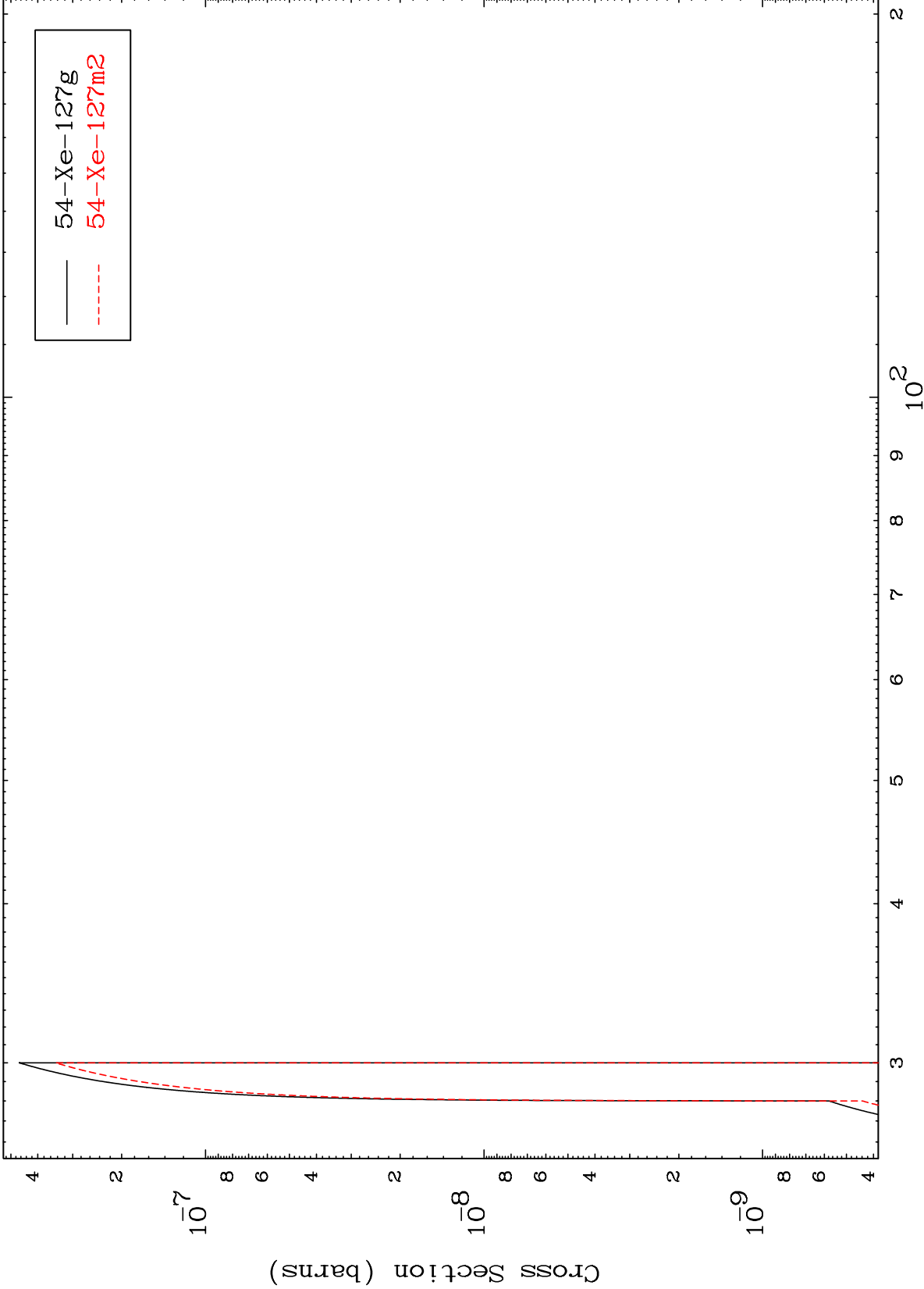
54-Xe-130

MAT 5443

(n,3n) p

54-Xe-130

Radionuclide Production Cross Section



16

Incident Energy (MeV)

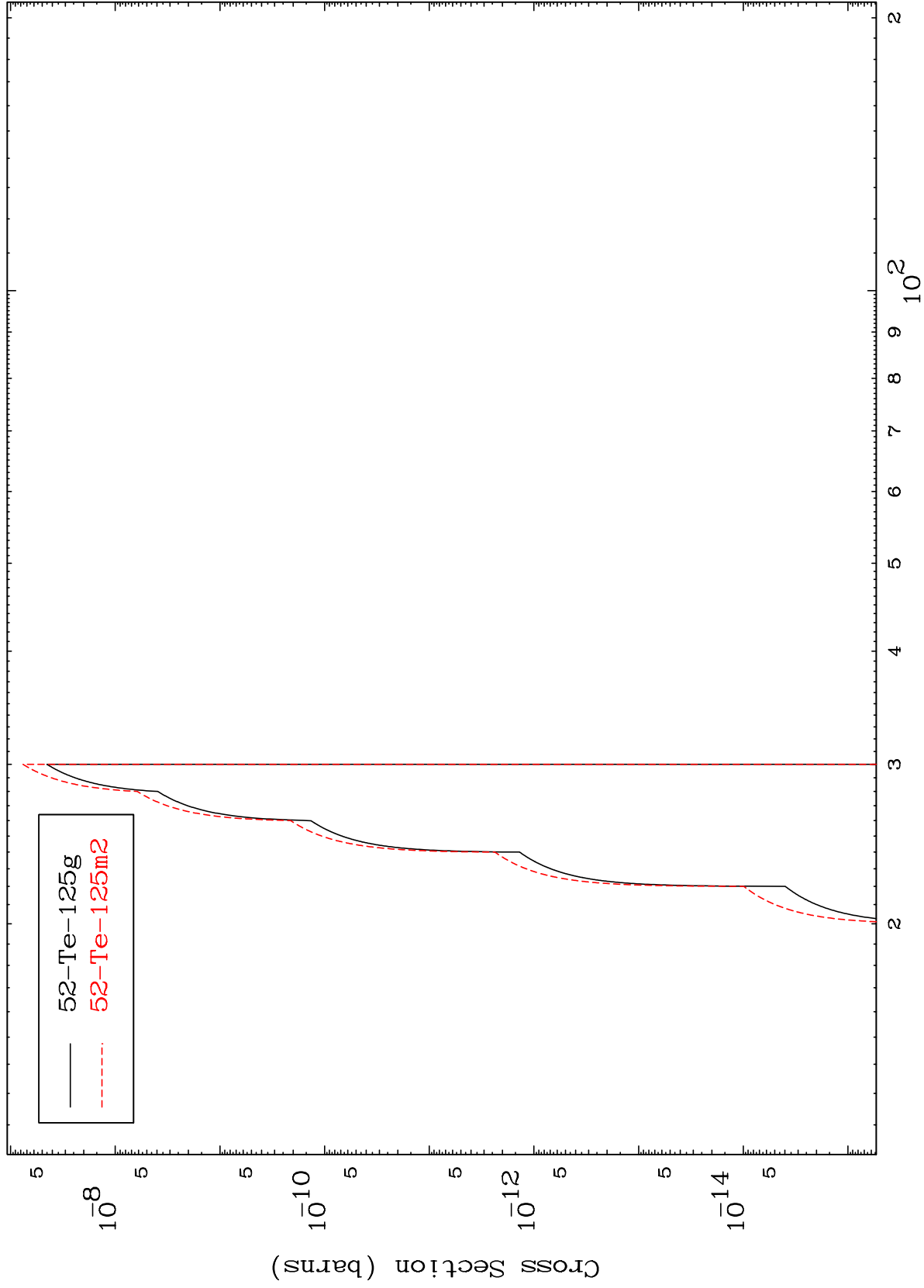
54-Xe-130

MAT 5443

(n,n') p  $\alpha$

54-Xe-130

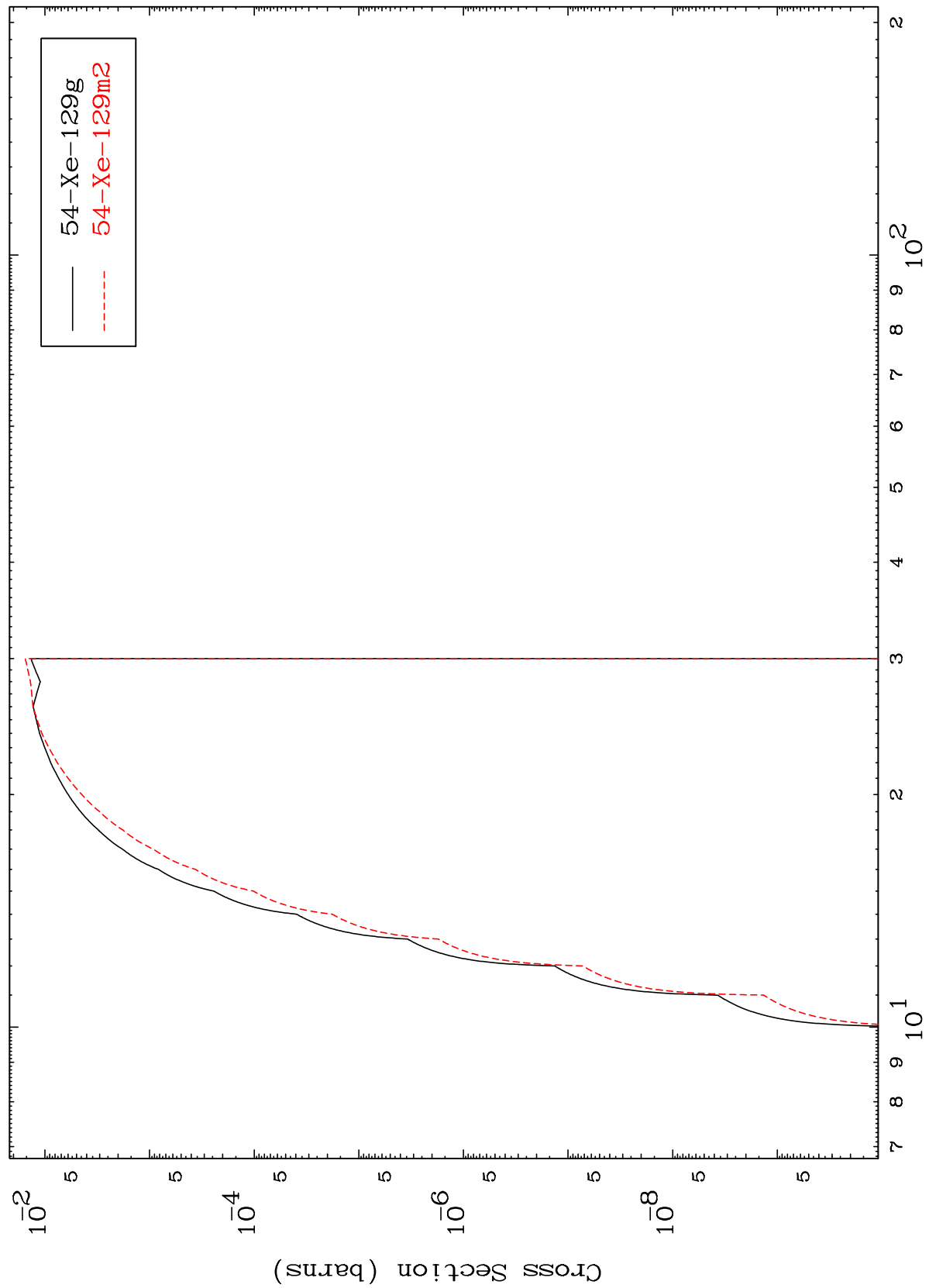
Radionuclide Production Cross Section



MAT 5443

54-Xe-130

(n,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

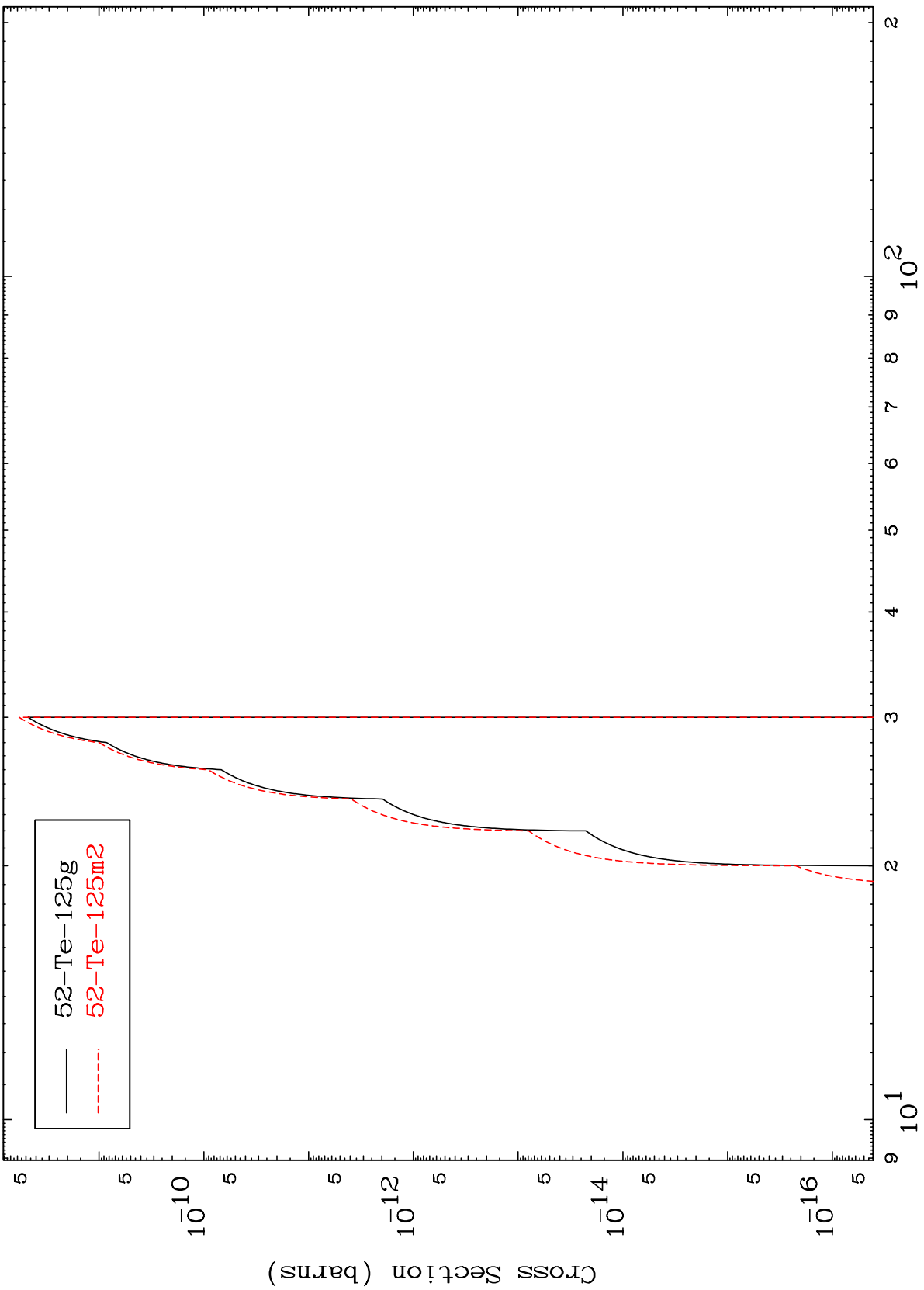
54-Xe-130

MAT 5443

(n,d)  $\alpha$

54-Xe-130

Radionuclide Production Cross Section



52-Te-125g  
52-Te-125m2

19

Incident Energy (MeV)

54-Xe-130