

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

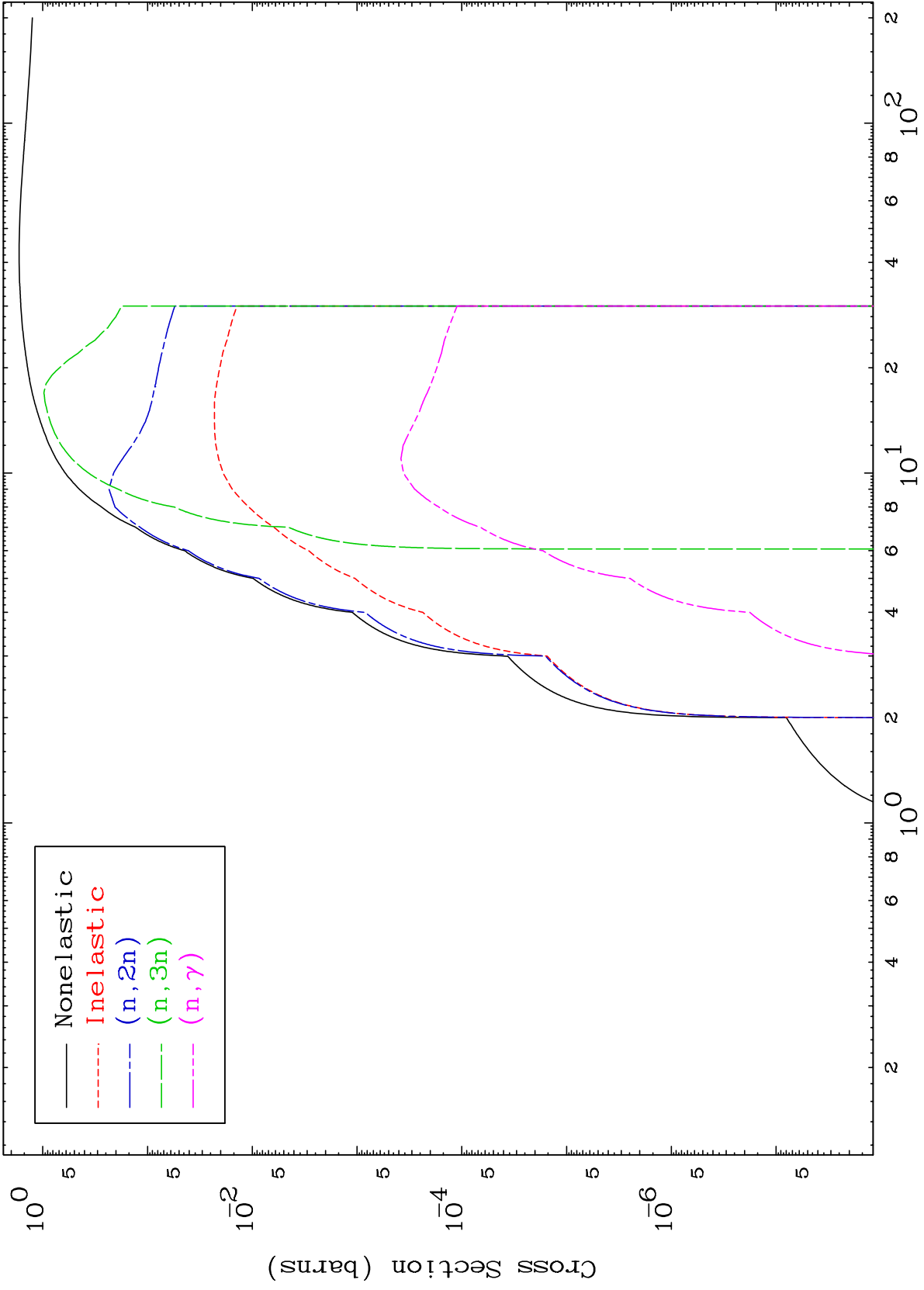
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Web:redcullen1.net/HOMEPAGE.NEW

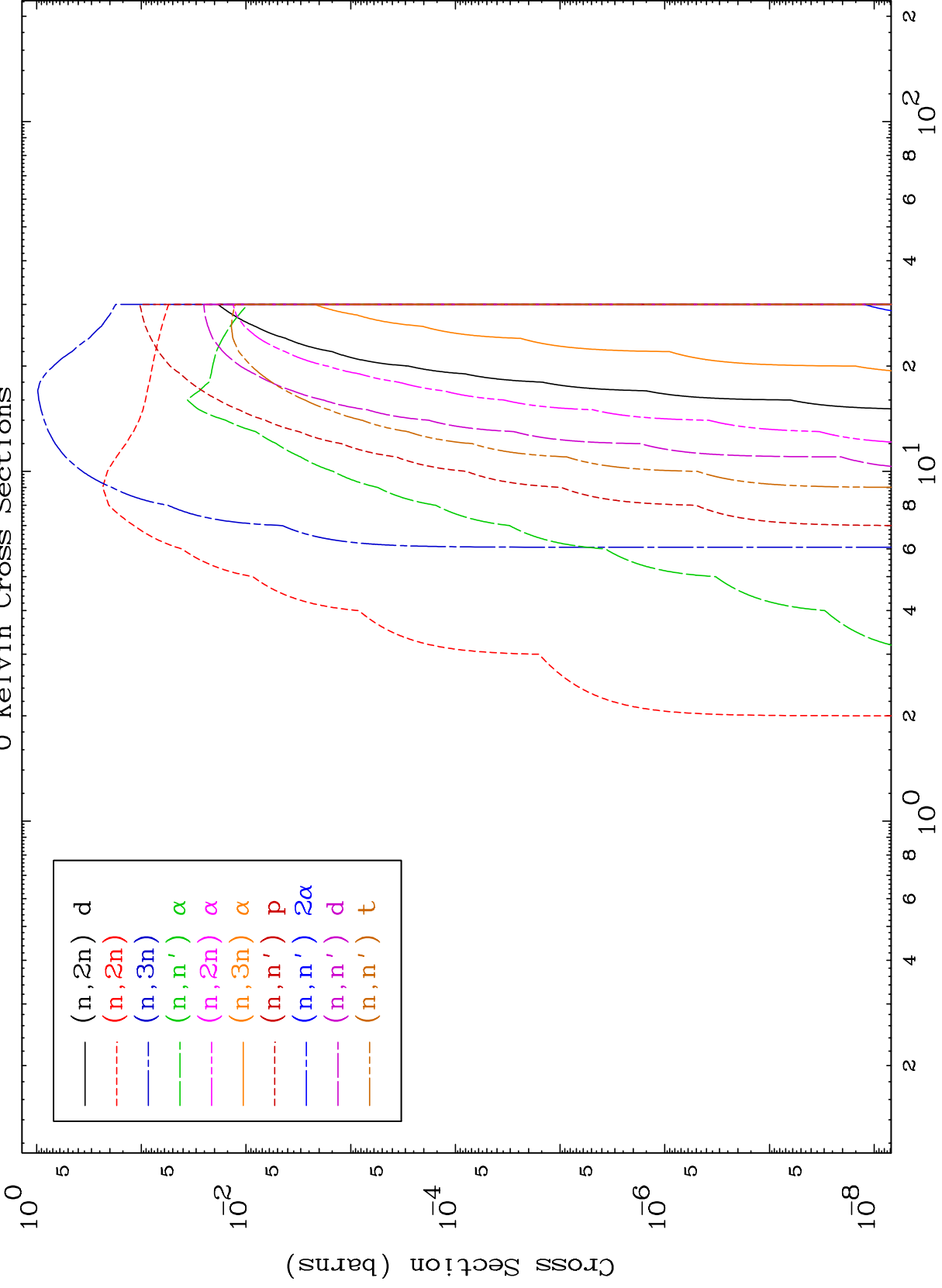
Press Mouse Button to Start



MAT 5470

Proton Neutron Absorption
0 Kelvin Cross Sections

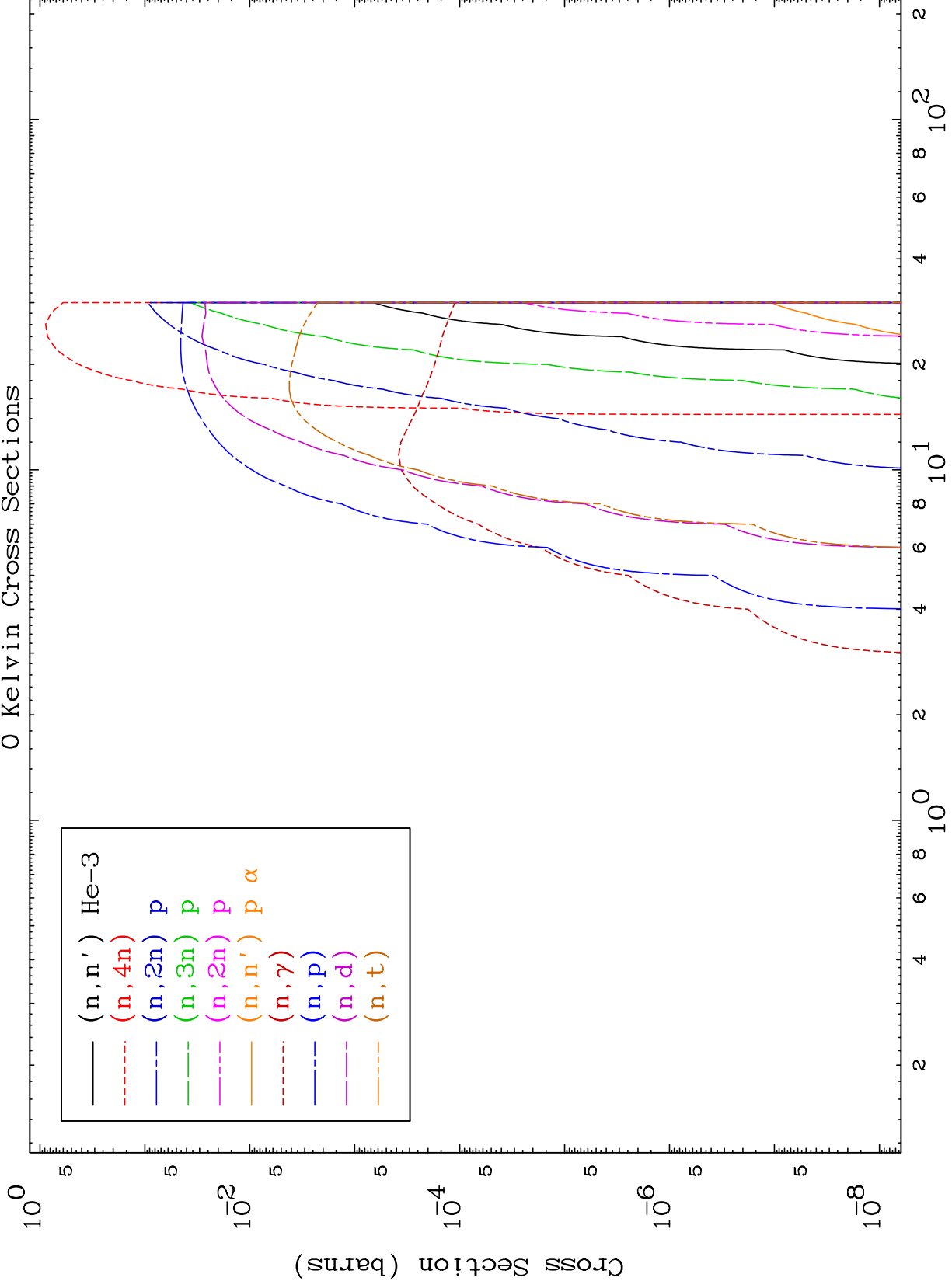
54-Xe-139



MAT 5470

Proton Neutron Absorption
0 Kelvin Cross Sections

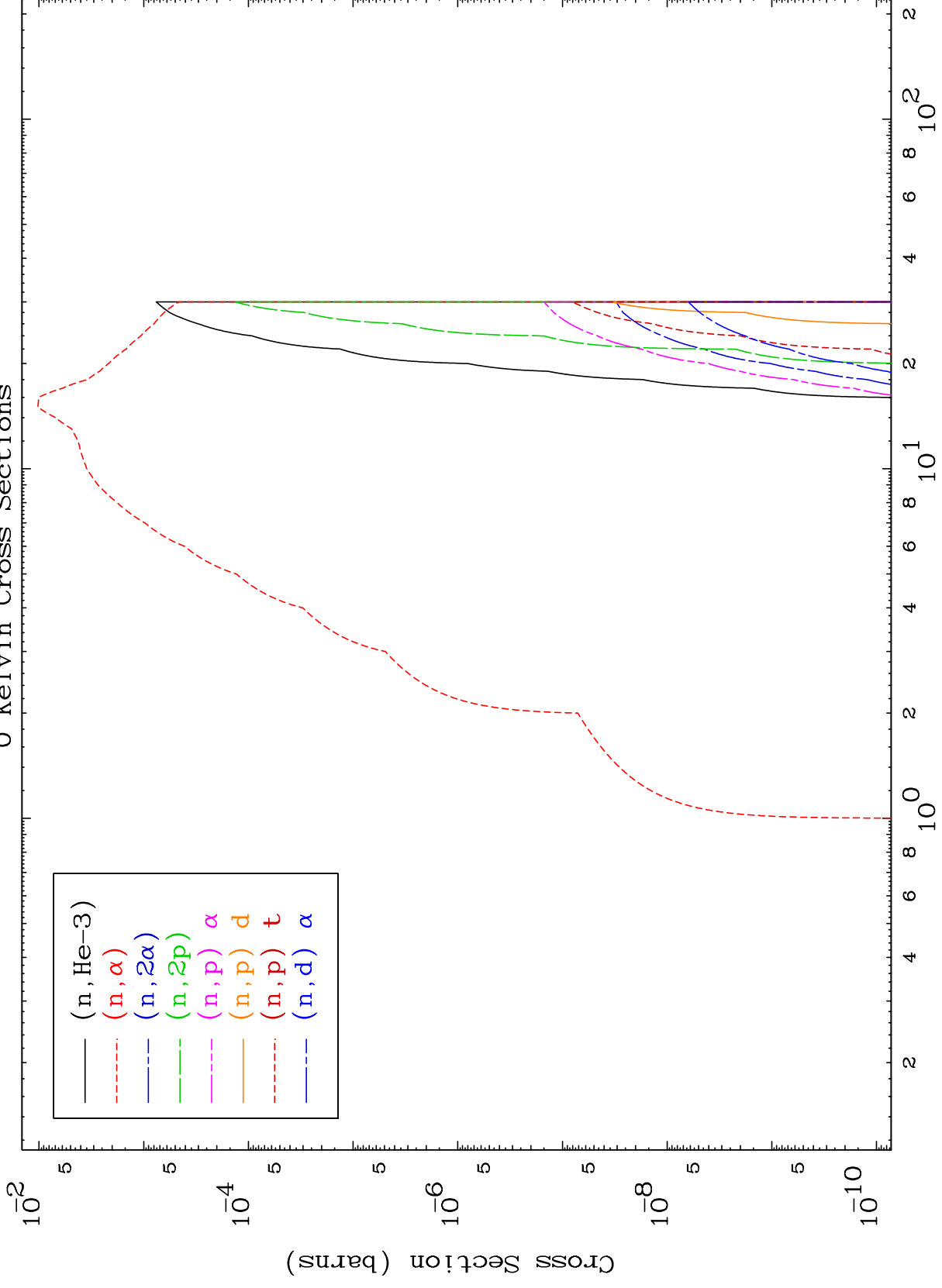
54-Xe-139



MAT 5470

Proton Neutron Absorption
0 Kelvin Cross Sections

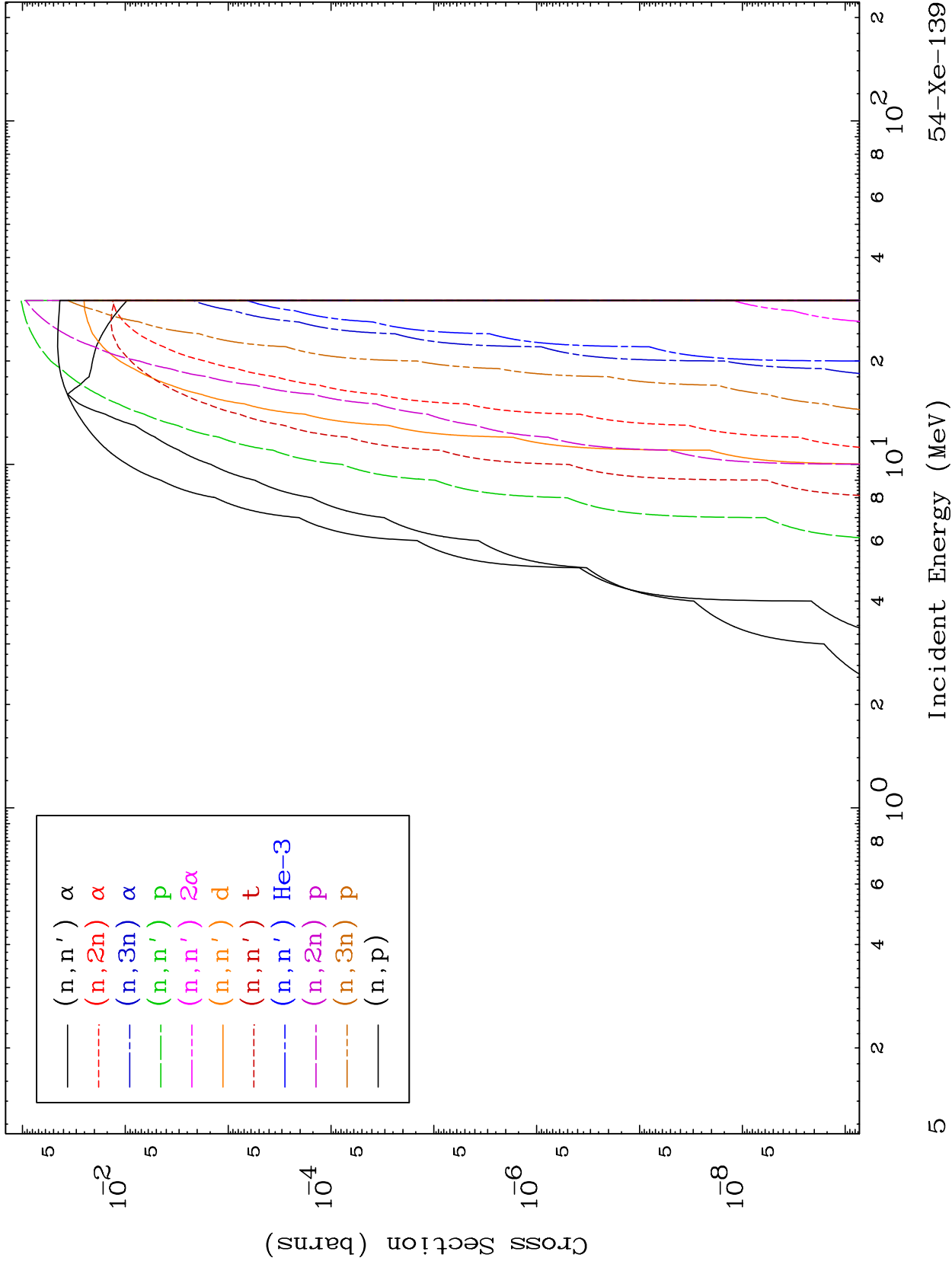
54-Xe-139

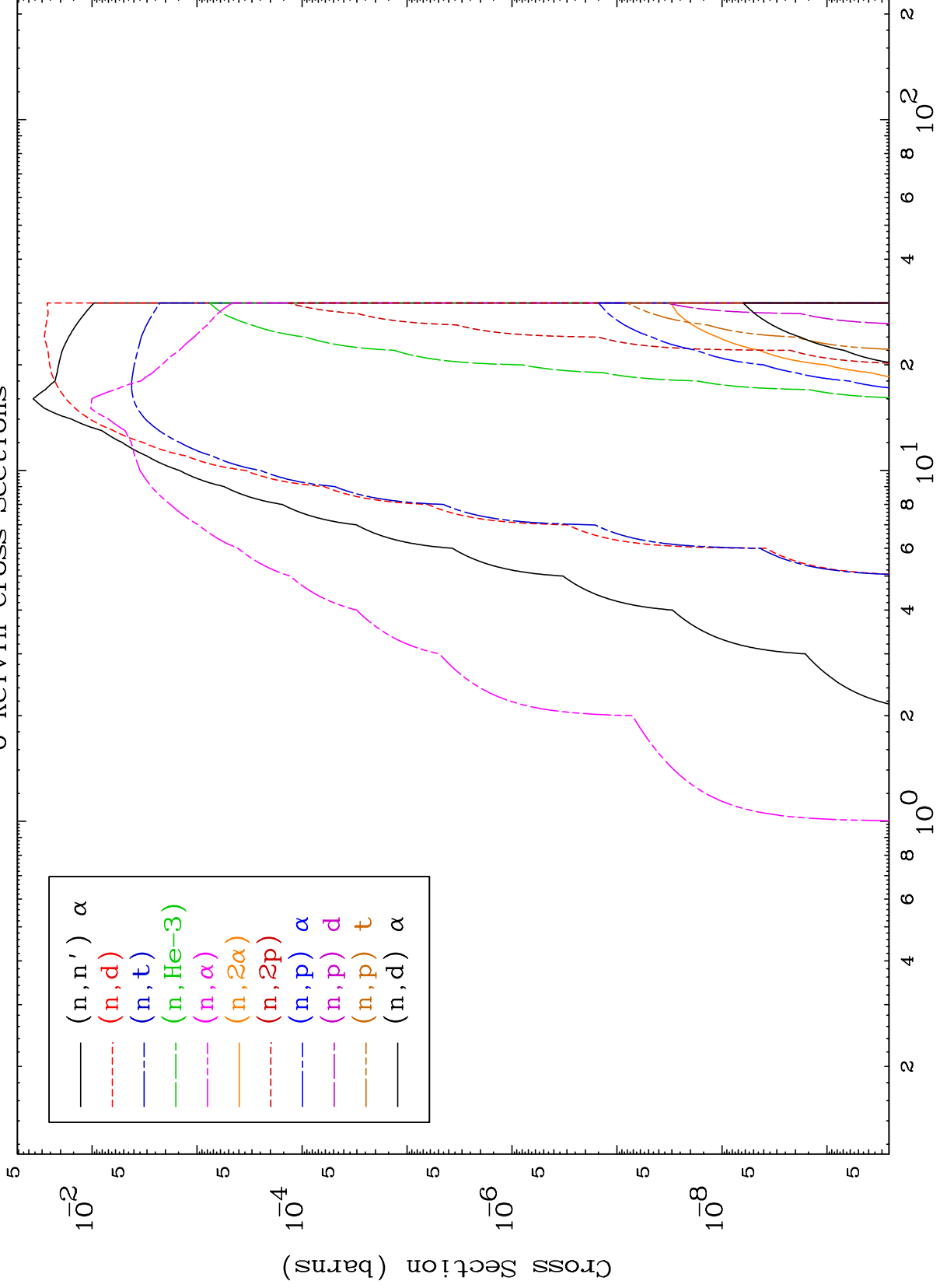


MAT 5470

Proton Charged Particle
0 Kelvin Cross Sections

54-Xe-139

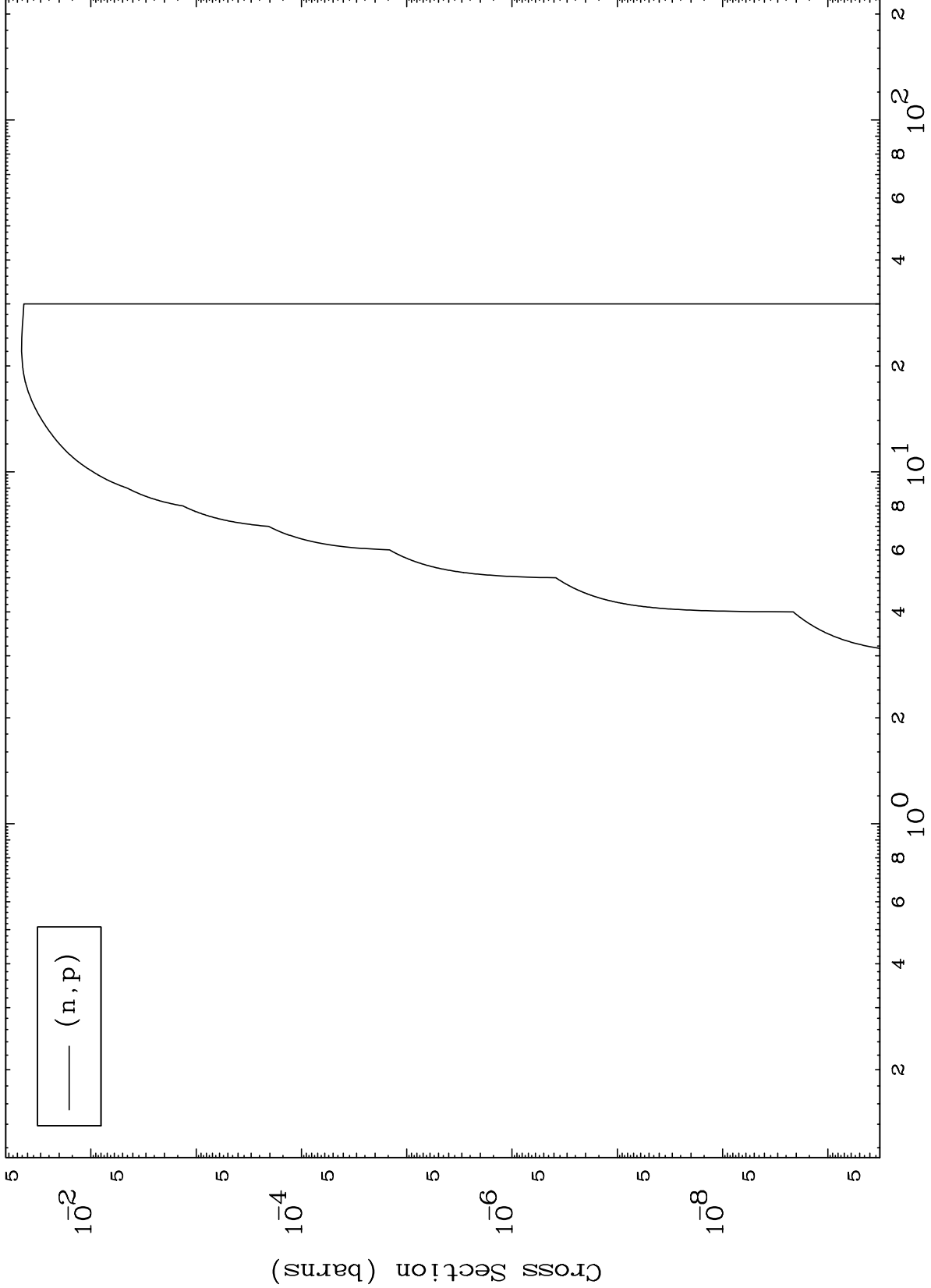




MAT 5470

(p,p) Levels
0 Kelvin Cross Sections

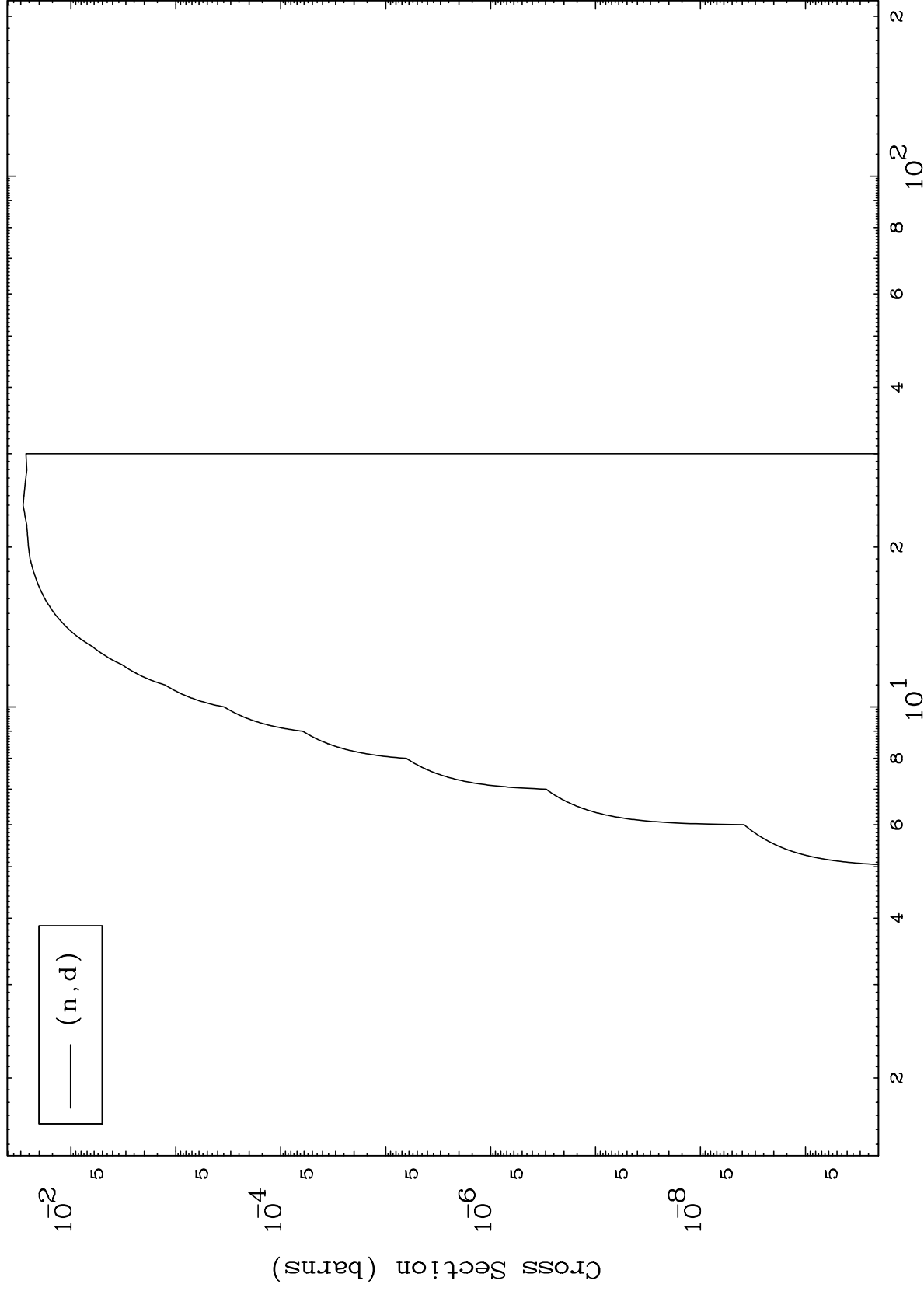
54-Xe-139



MAT 5470

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-139



8

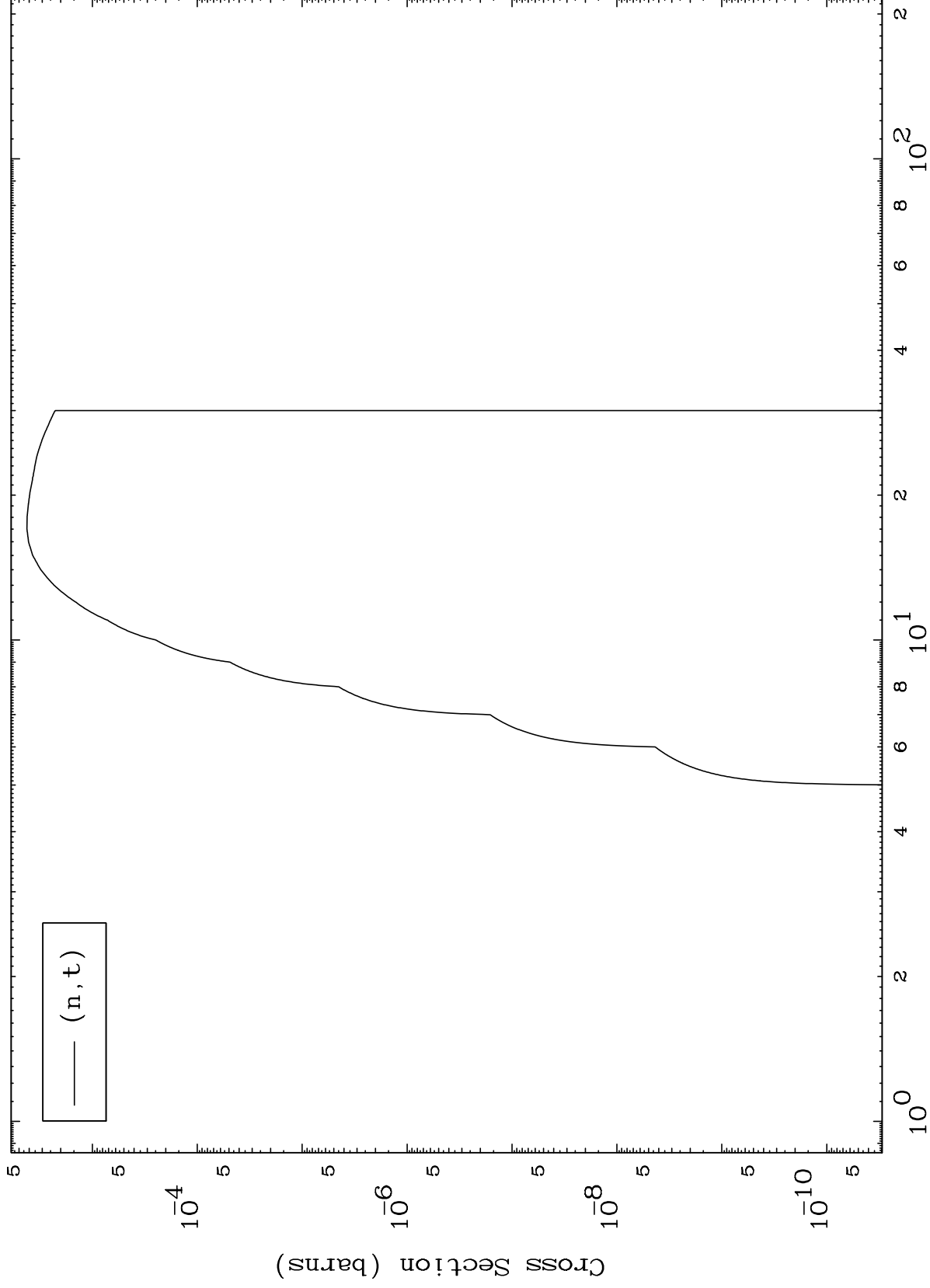
Incident Energy (MeV)

54-Xe-139

MAT 5470

(p, t) Levels
0 Kelvin Cross Sections

54-Xe-139



Incident Energy (MeV)

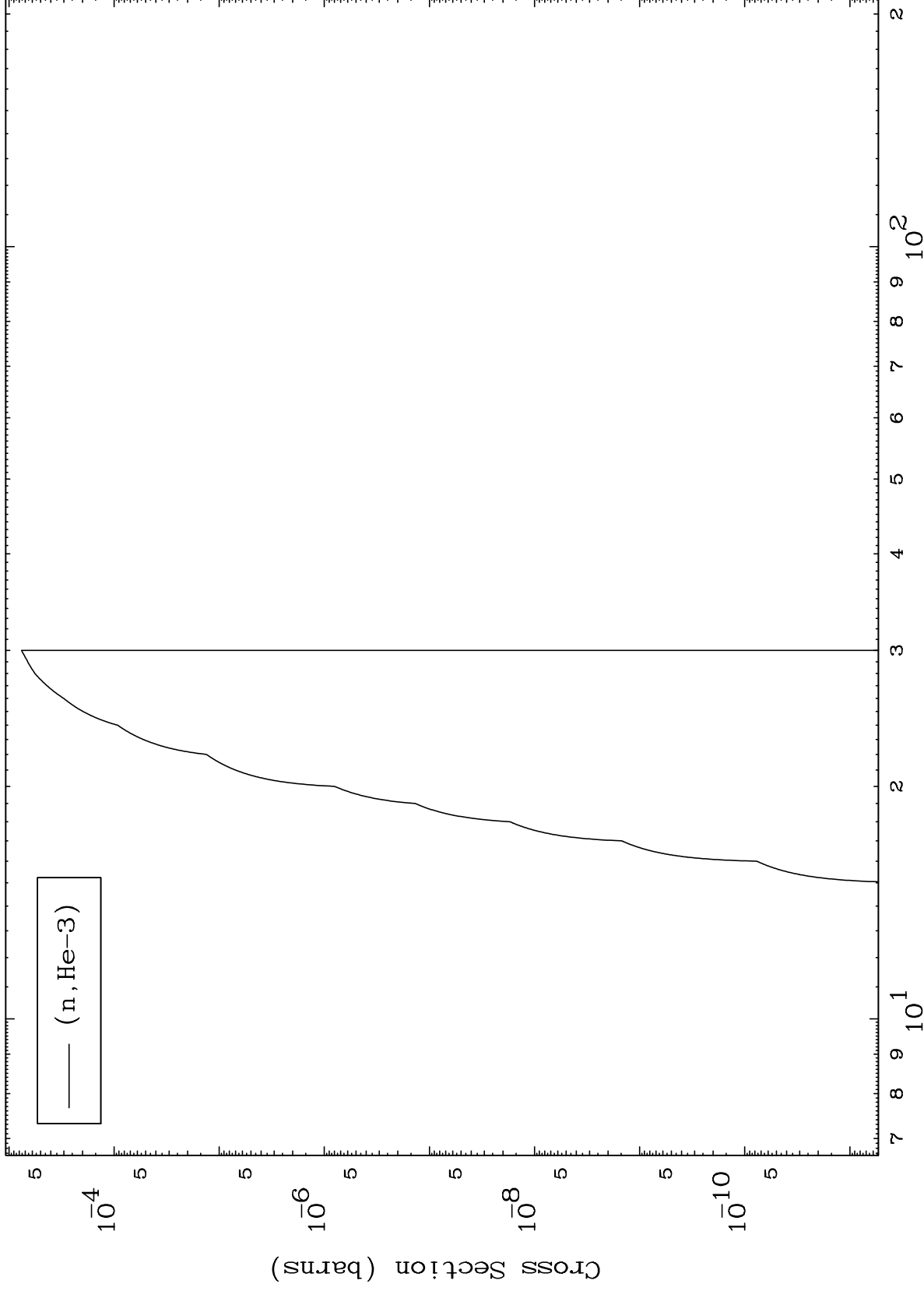
54-Xe-139

9

MAT 5470

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-139



10

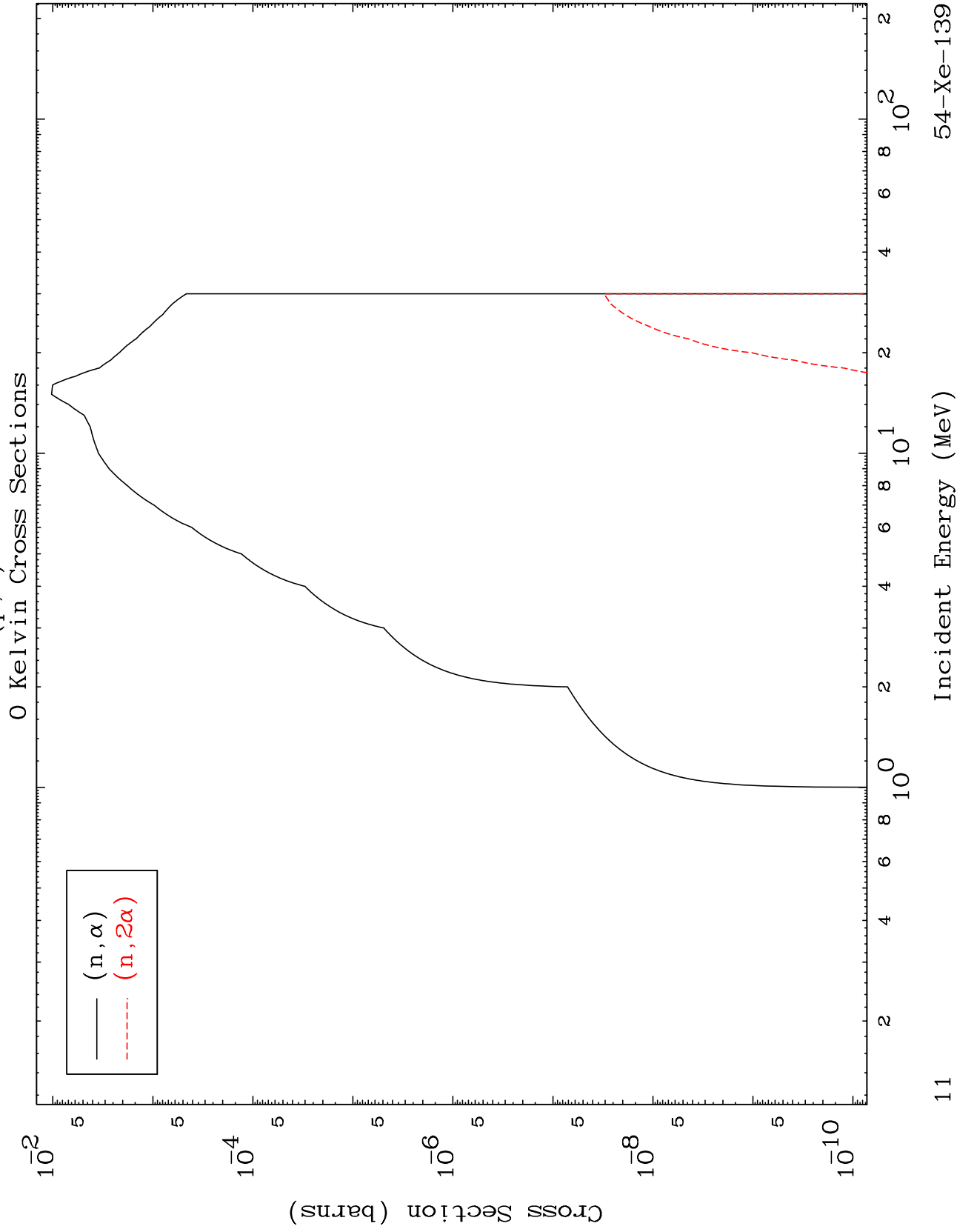
Incident Energy (MeV)

54-Xe-139

MAT 5470

(p, α) Levels

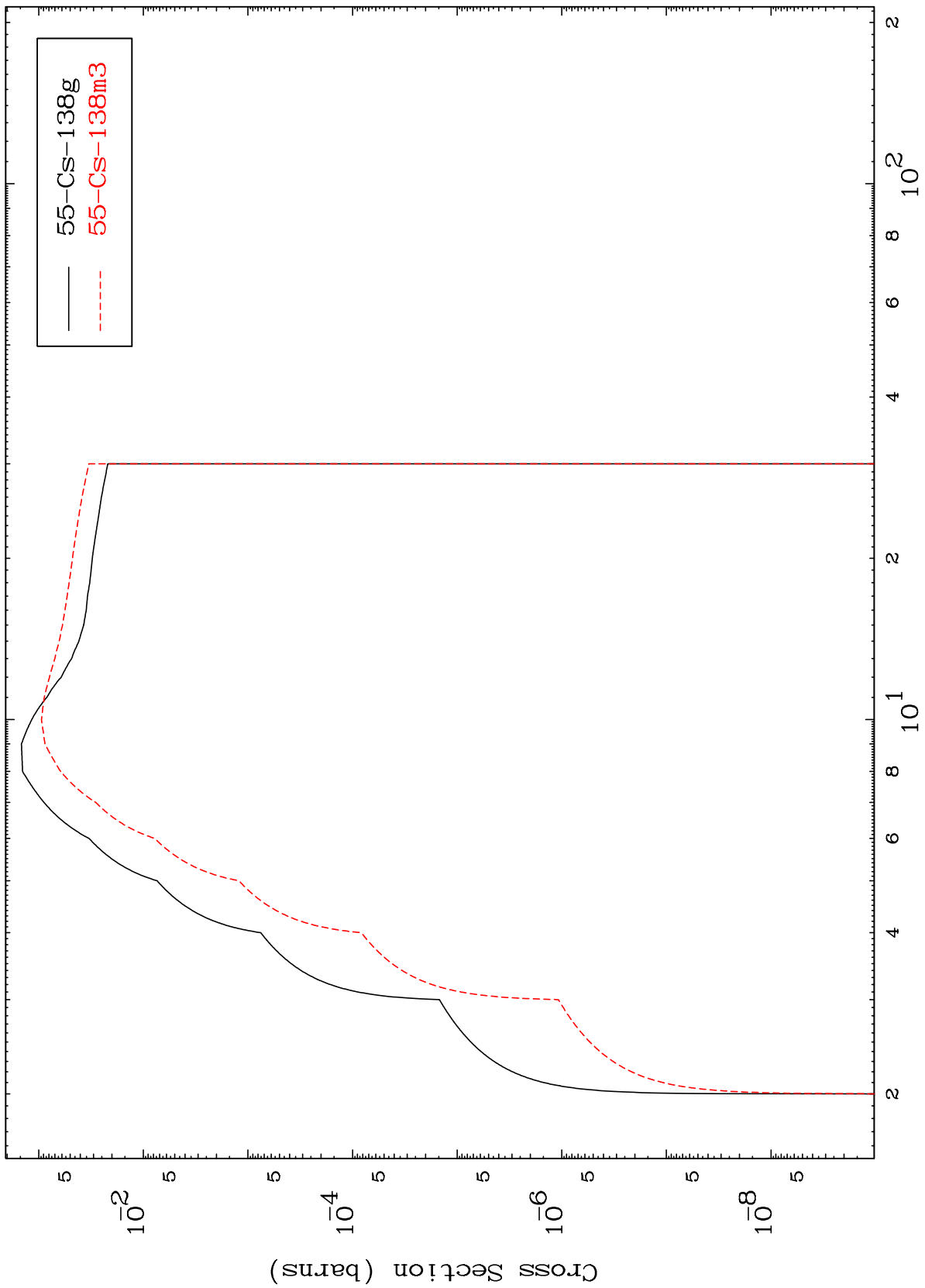
54-Xe-139



MAT 5470

54-Xe-139

(n,2n)
Radionuclide Production Cross Section



12

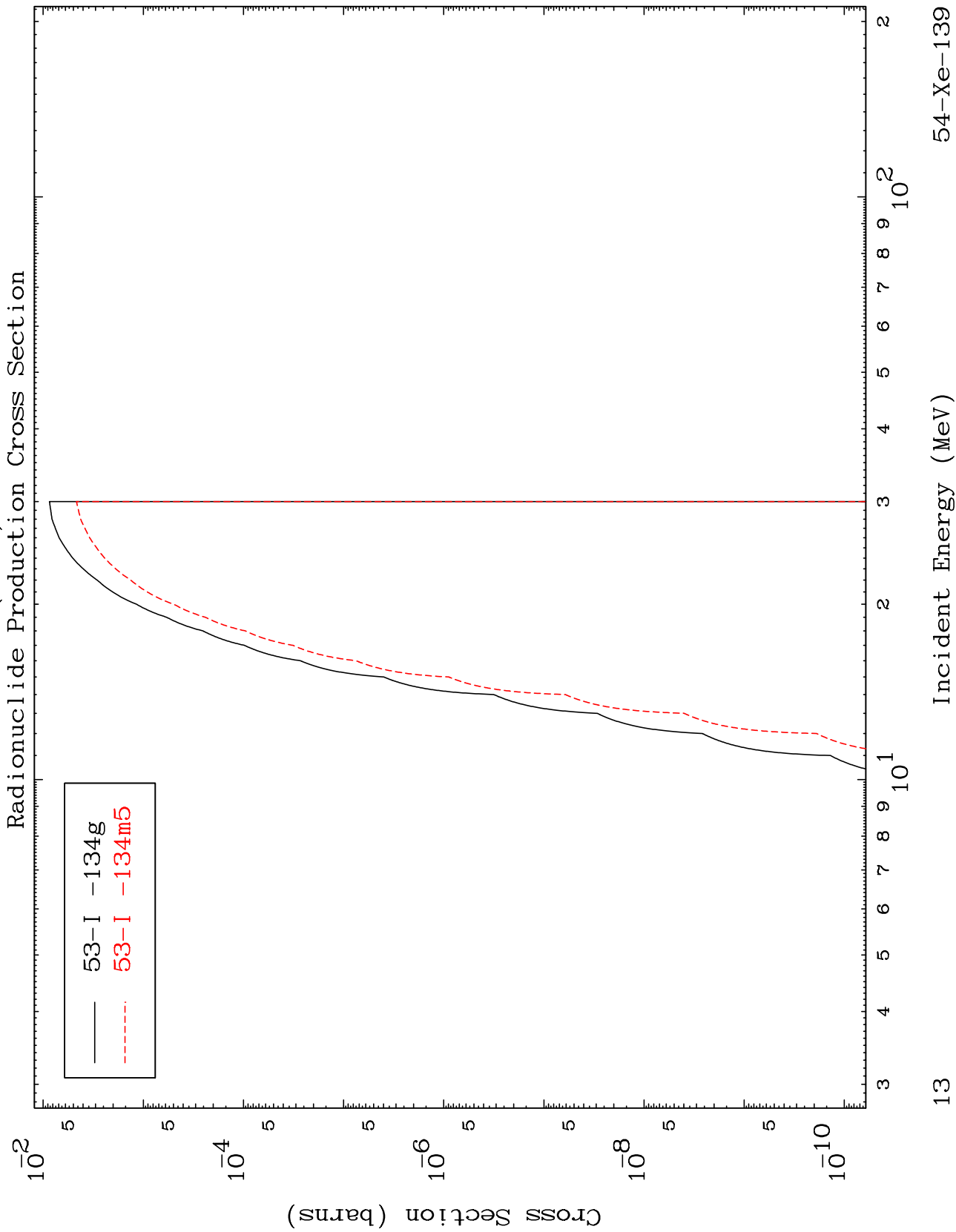
Incident Energy (MeV)

54-Xe-139

MAT 5470

(n,2n) α

54-Xe-139



53-I-134g
53-I-134m5

13

Incident Energy (MeV)

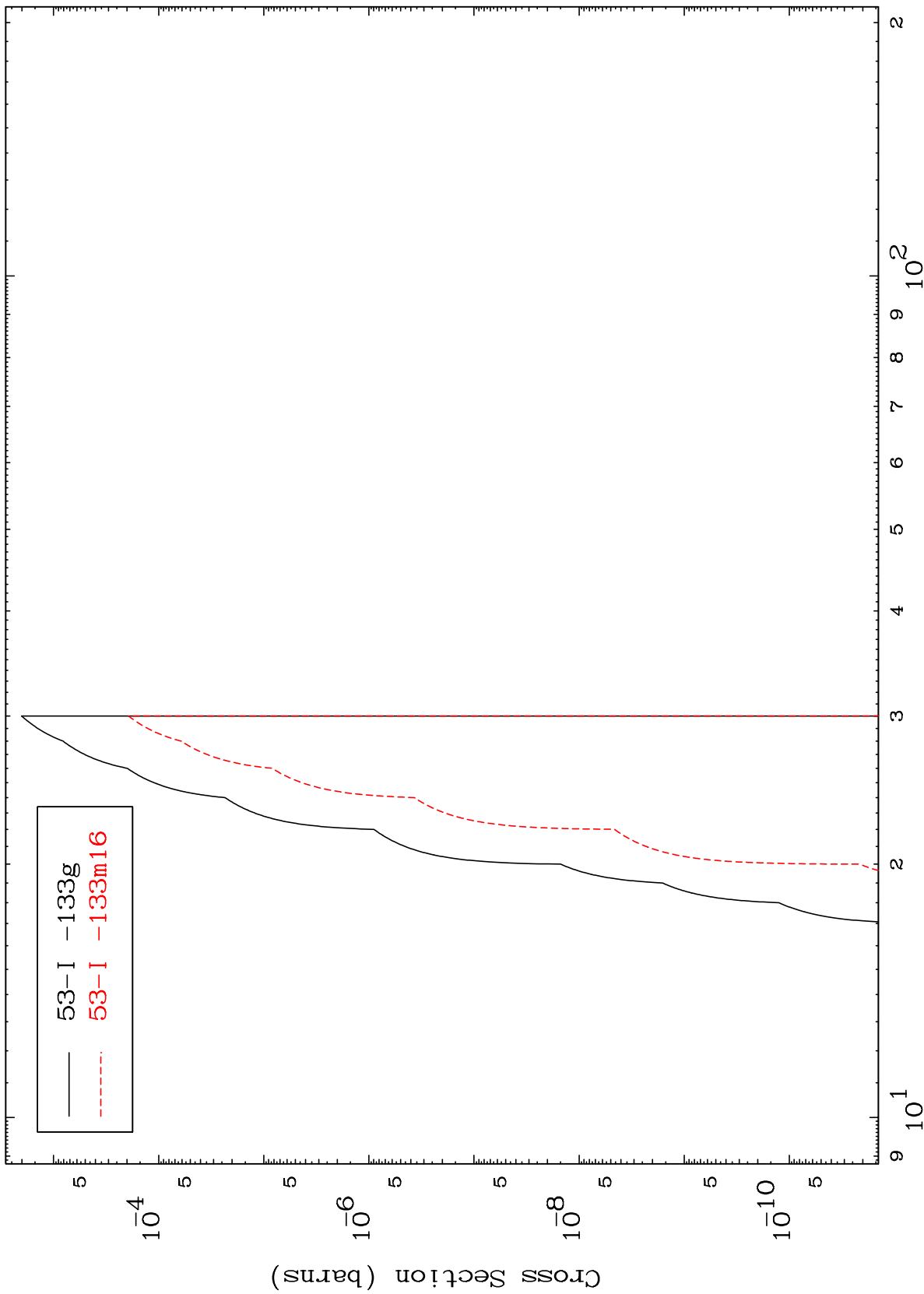
54-Xe-139

MAT 5470

(n,3n) α

54-Xe-139

Radionuclide Production Cross Section



53-I -133g
53-I -133m16

14

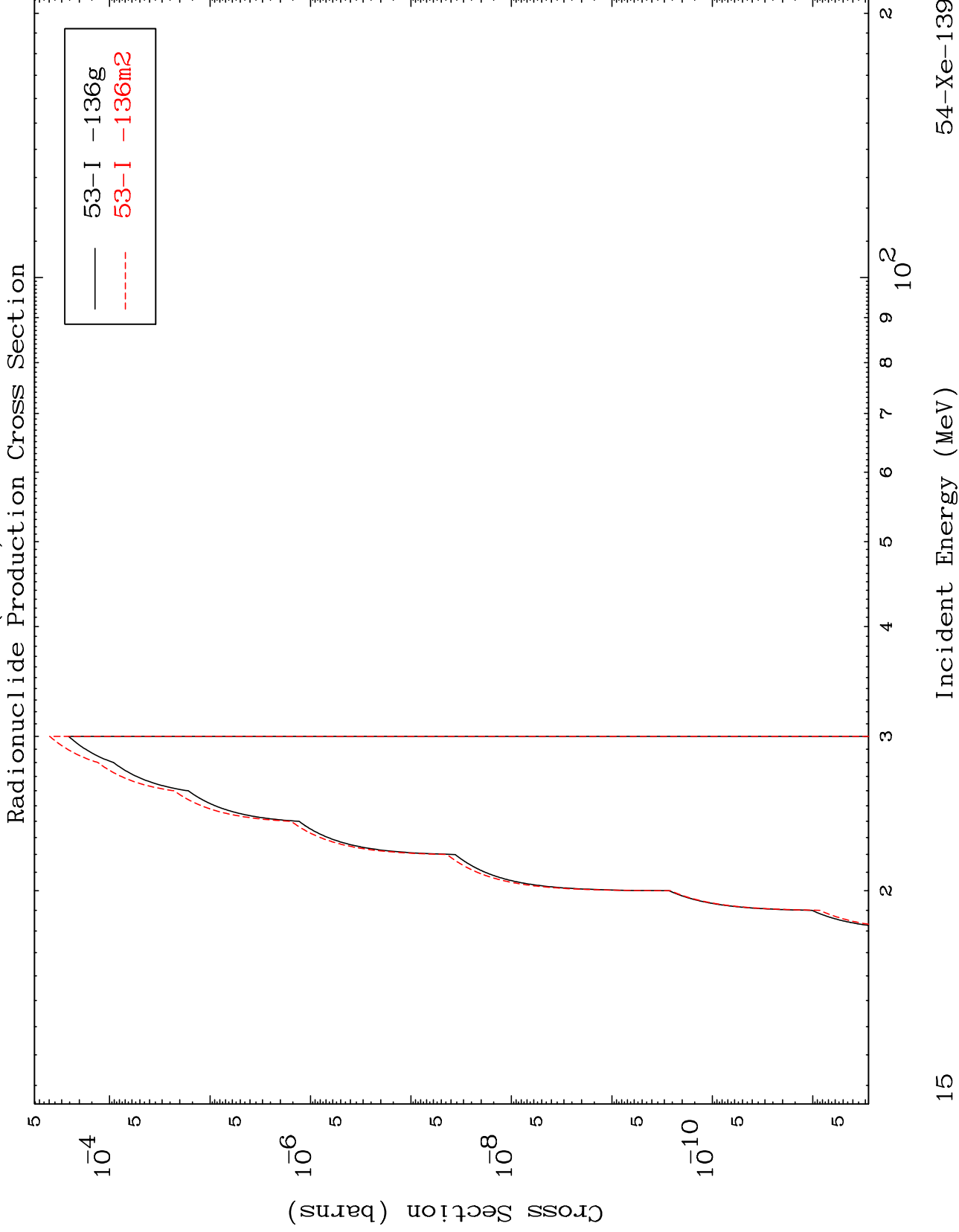
Incident Energy (MeV)

54-Xe-139

MAT 5470

(n,n') He-3

54-Xe-139

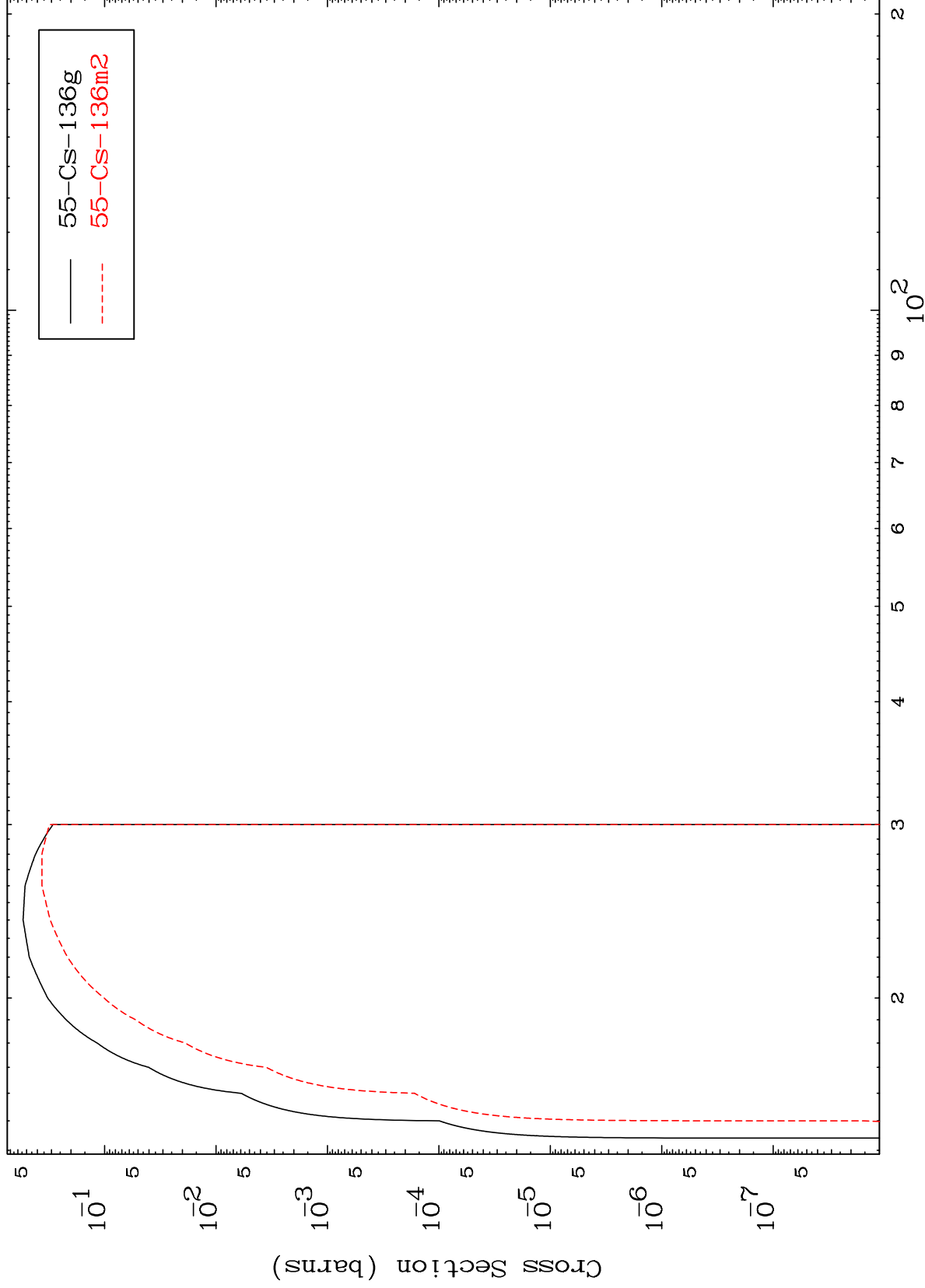


15

Incident Energy (MeV)

54-Xe-139

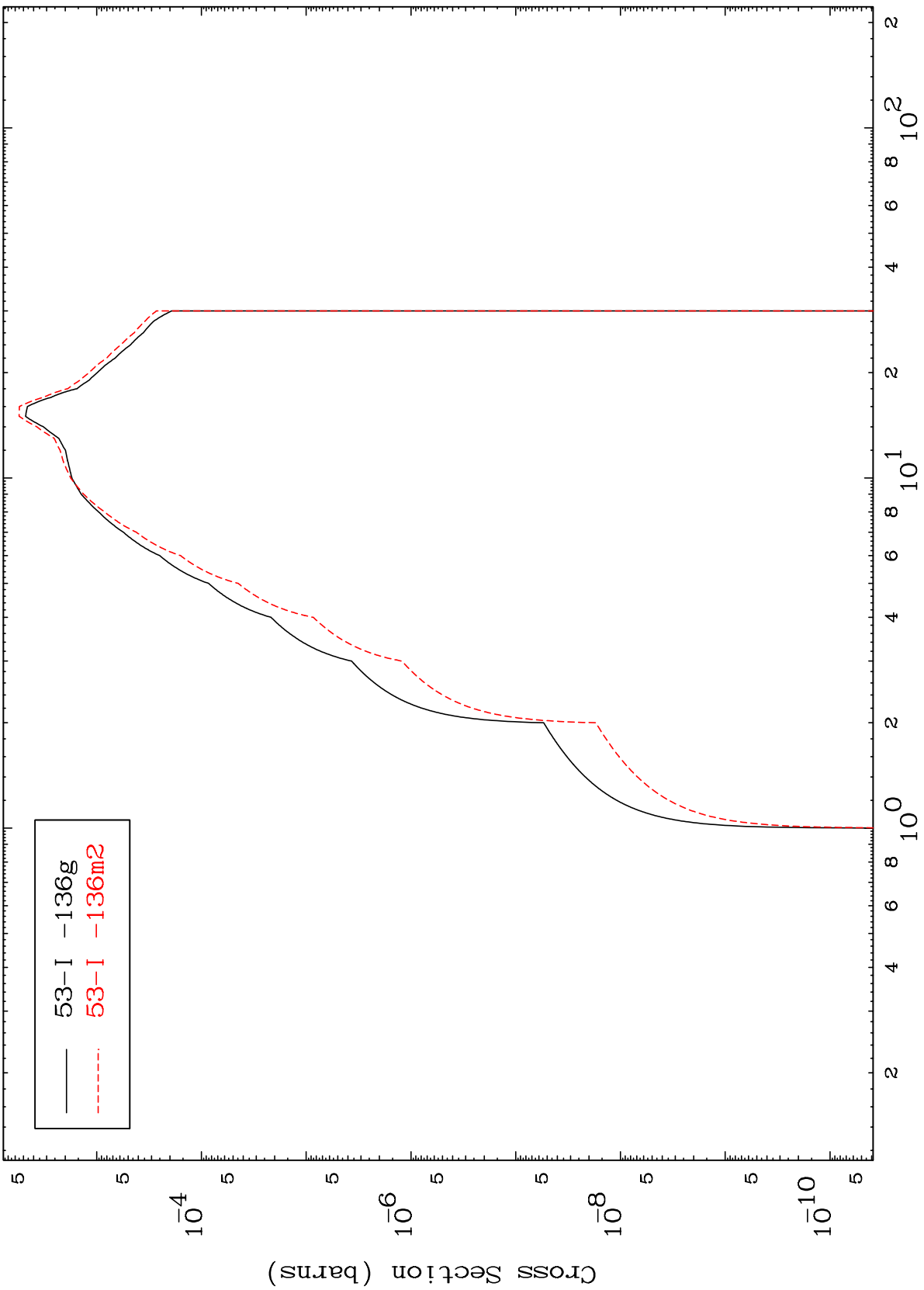
Radionuclide Production Cross Section



MAT 5470

54-Xe-139

(n, α)
Radionuclide Production Cross Section



17

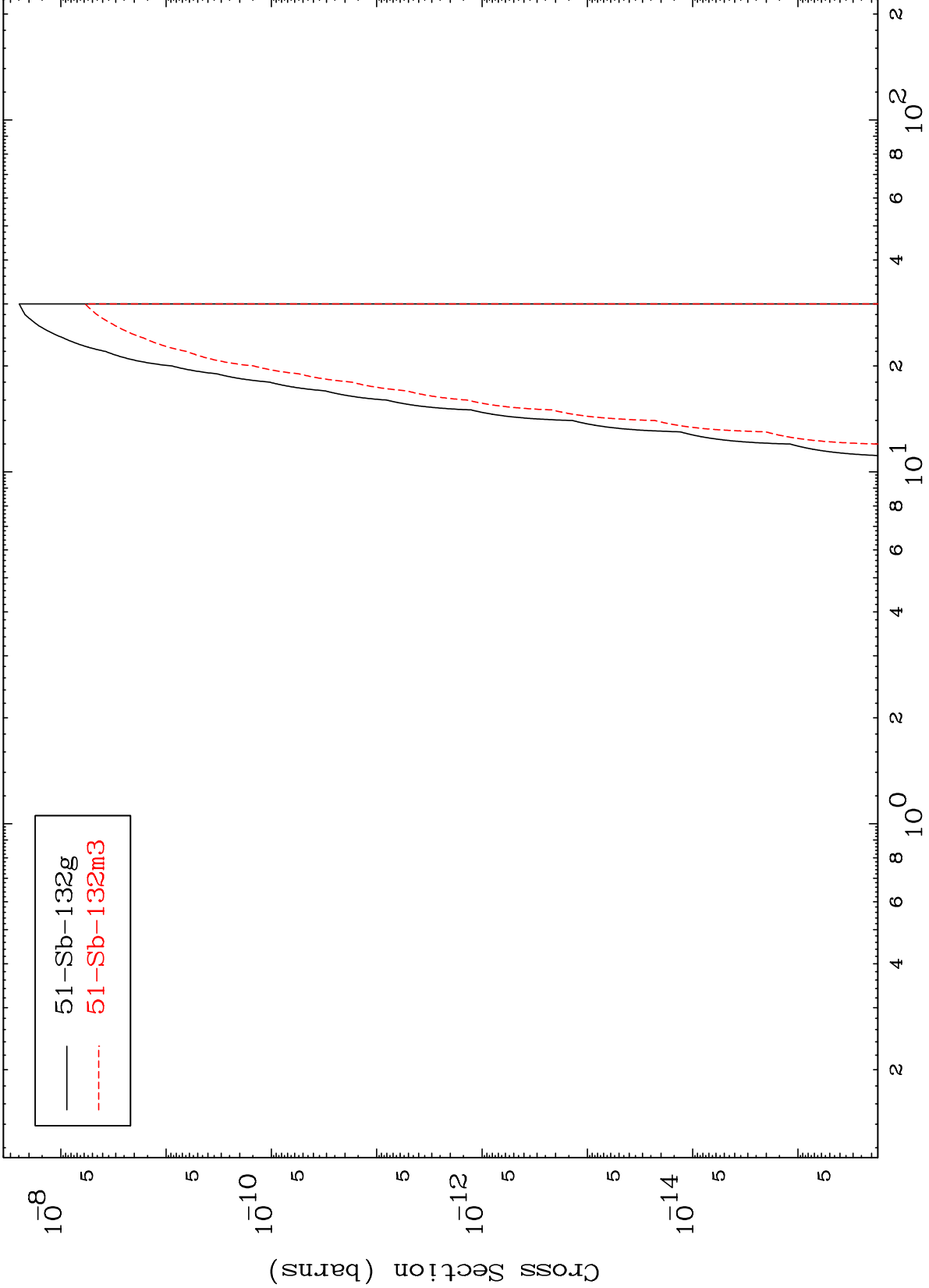
54-Xe-139

MAT 5470

(n,2α)

54-Xe-139

Radionuclide Production Cross Section



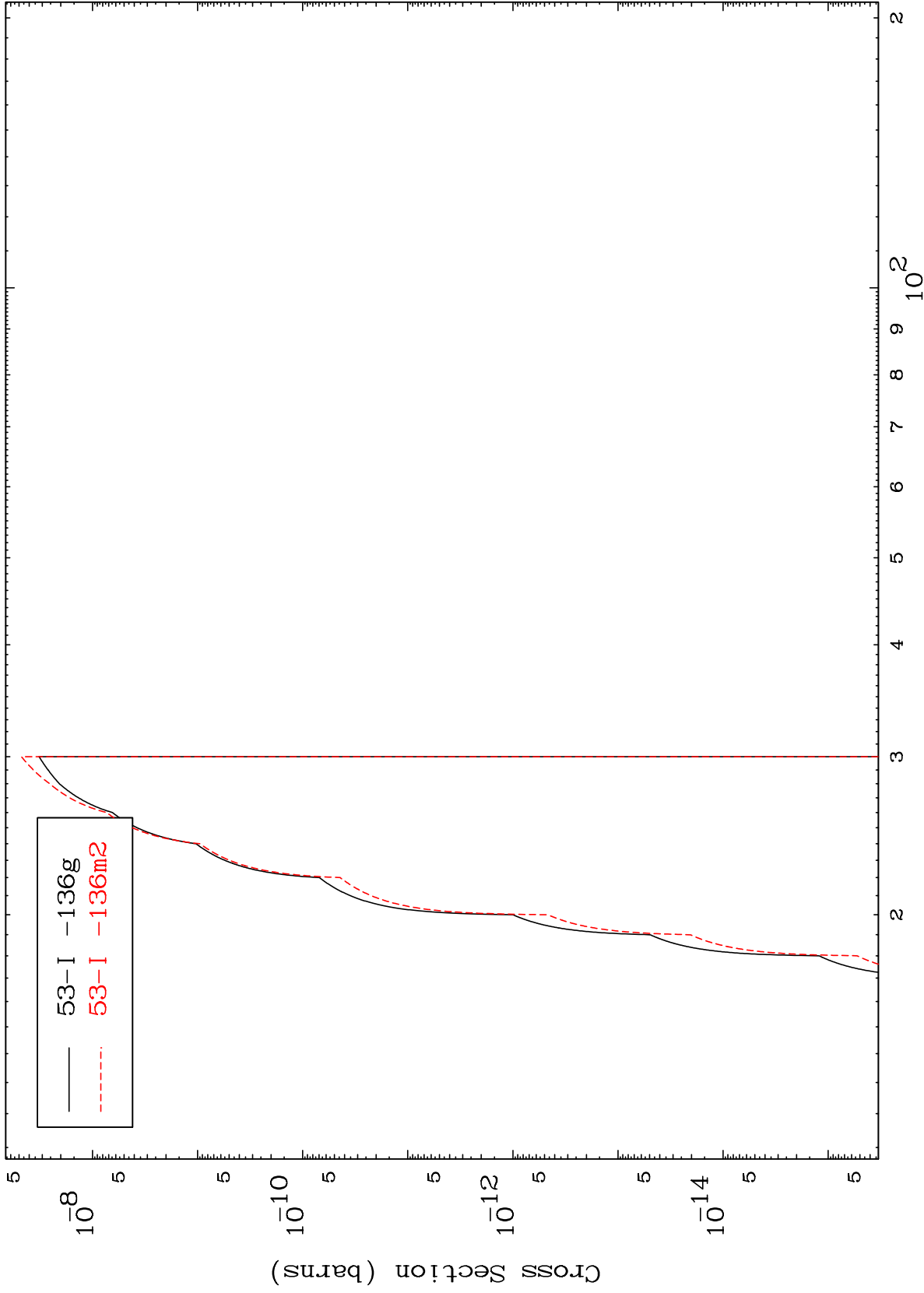
— 51-Sb-132g
- - - 51-Sb-132m3

MAT 5470

(n,p) t

54-Xe-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

54-Xe-139