

Program EVALPLOT
(Version 2021-1)

by

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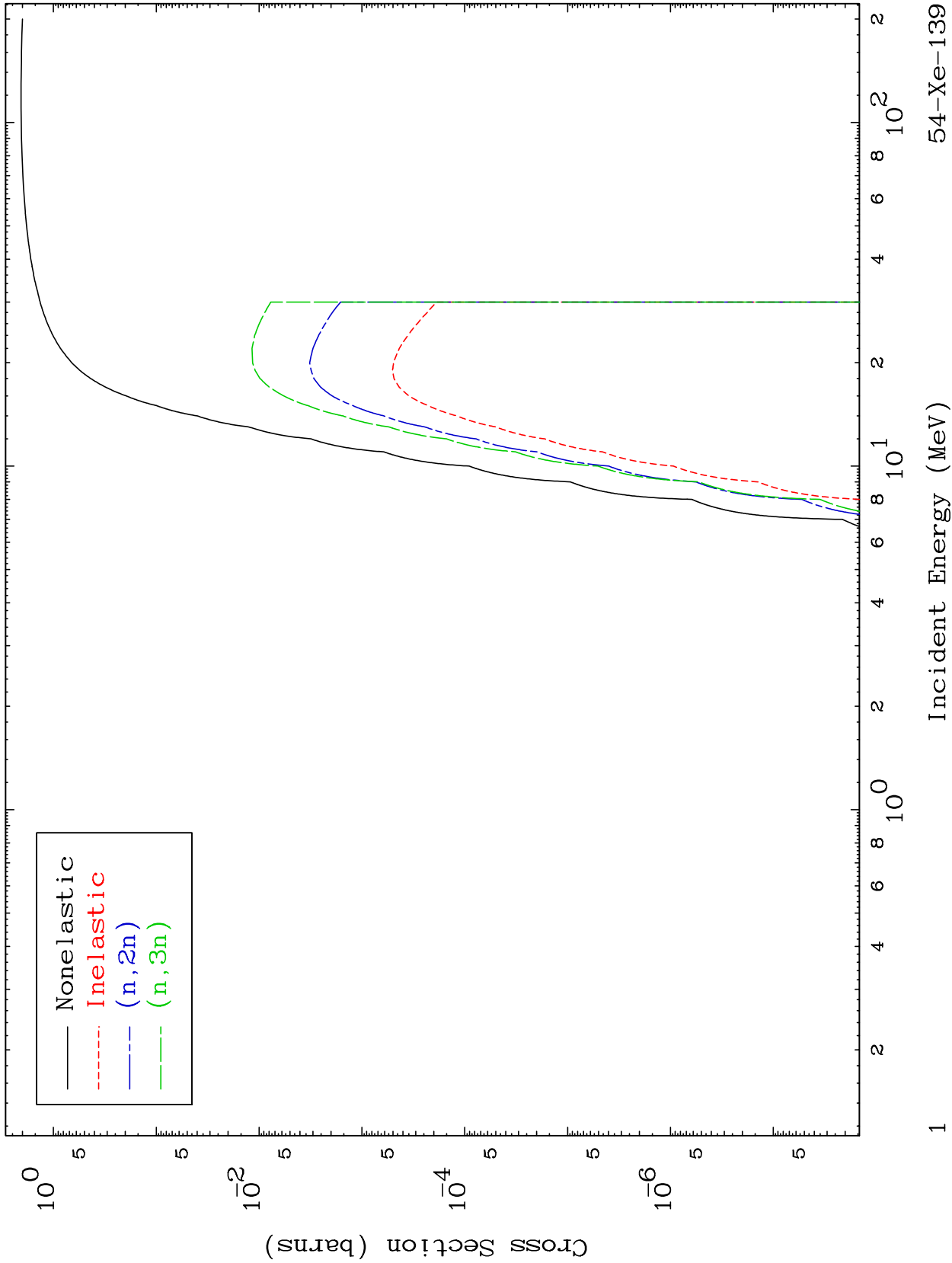
Press Mouse Button to Start

MAT 5470

He-3 Major

54-Xe-139

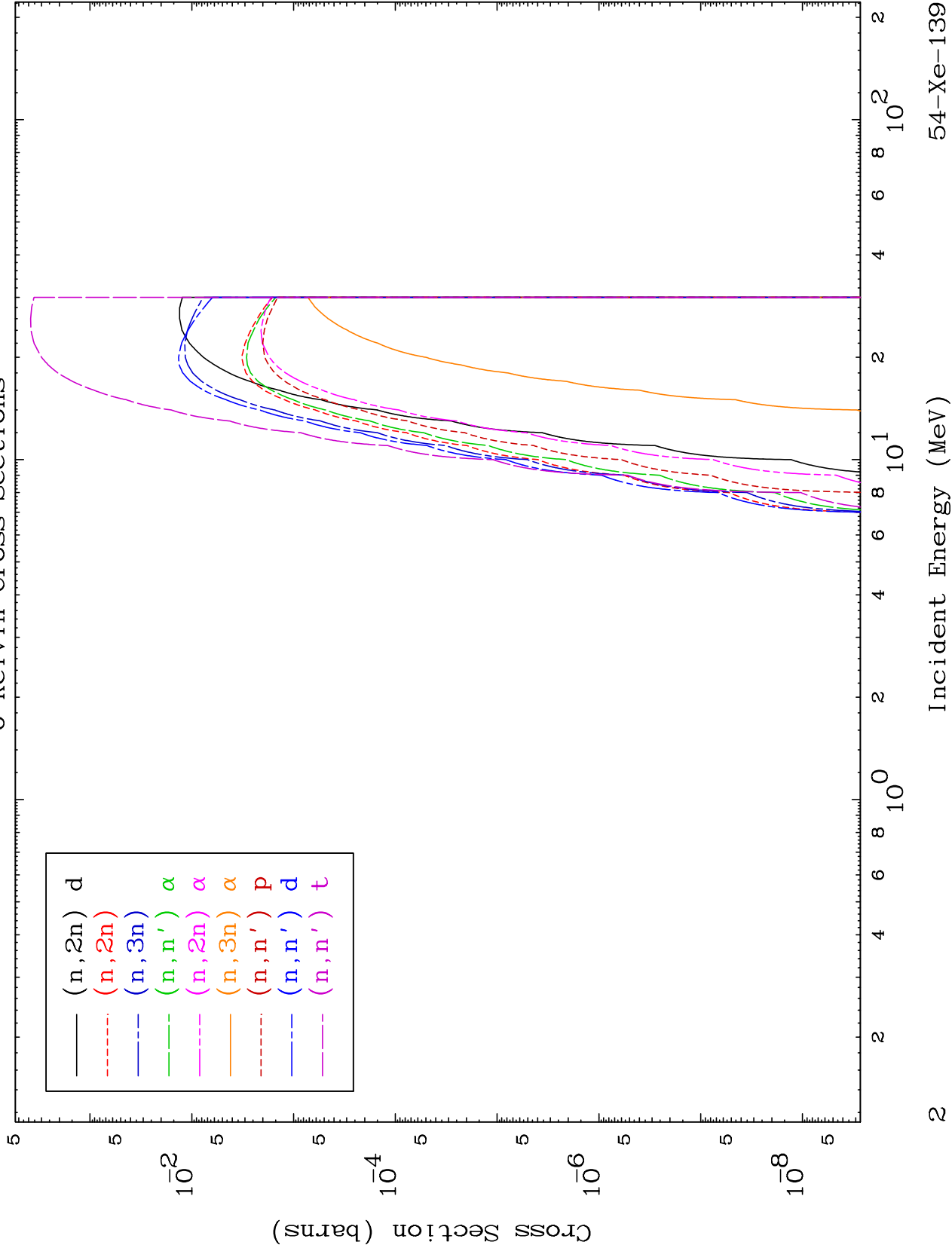
0 Kelvin Cross Sections

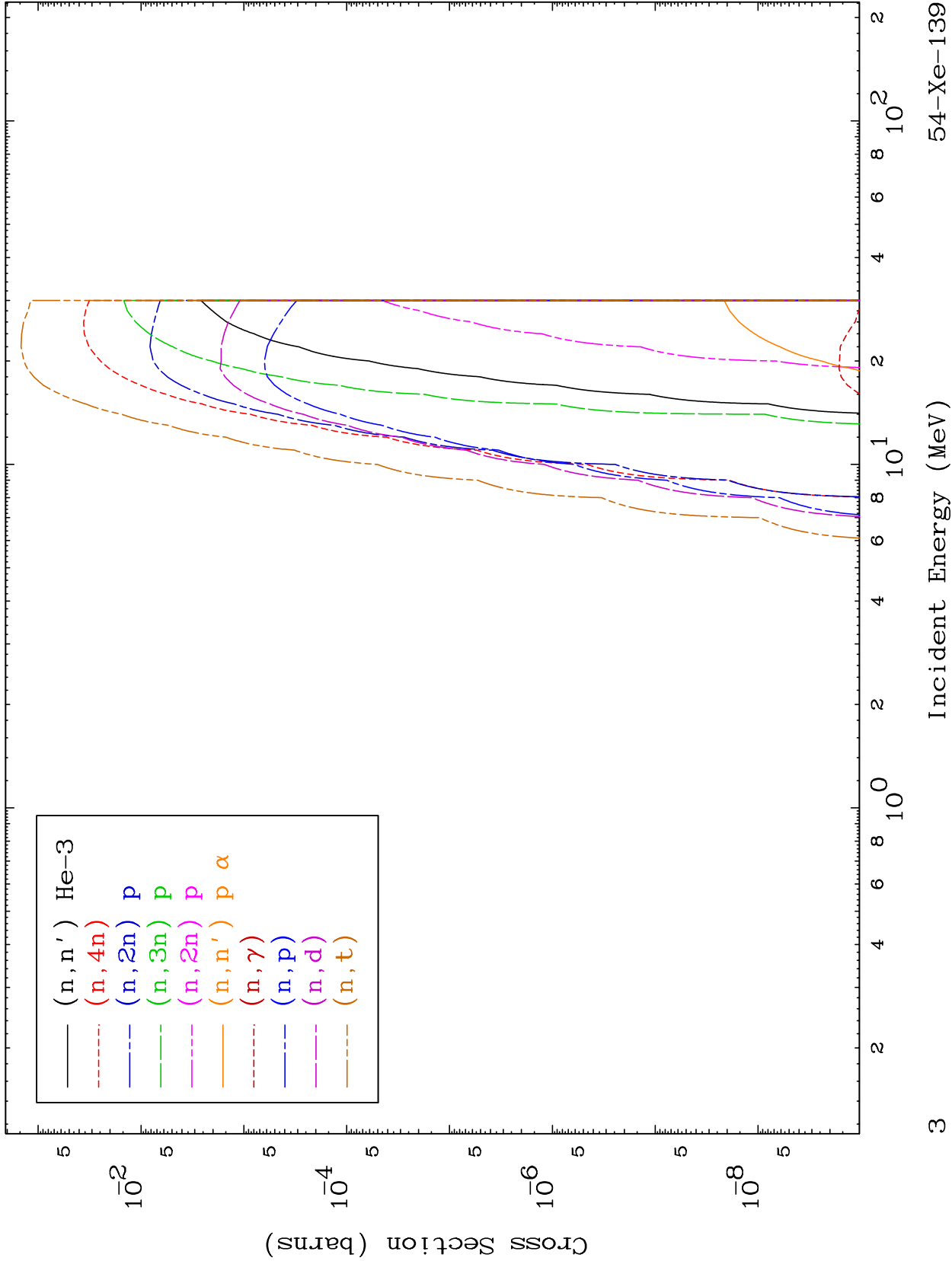


MAT 5470

He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-139

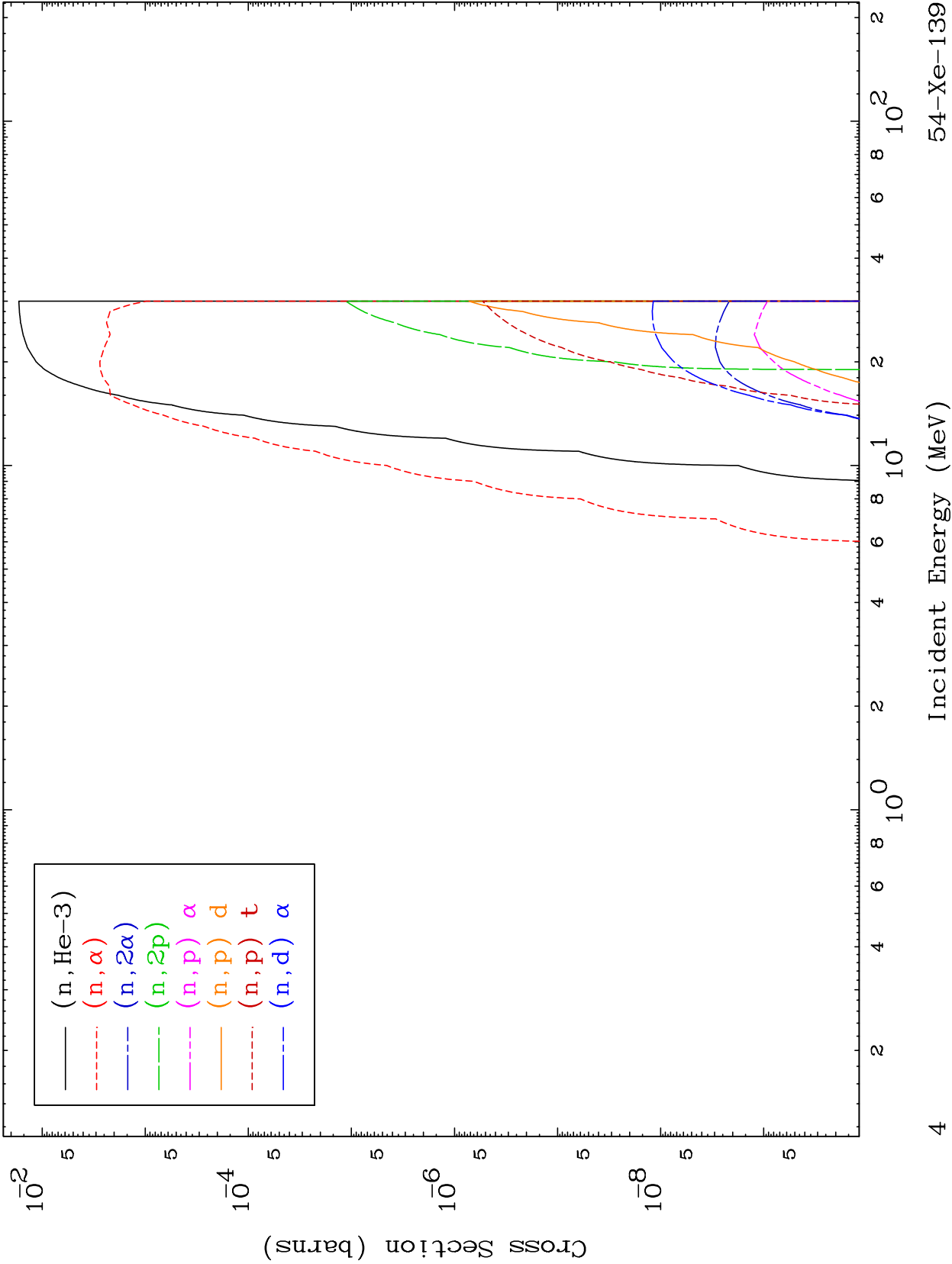




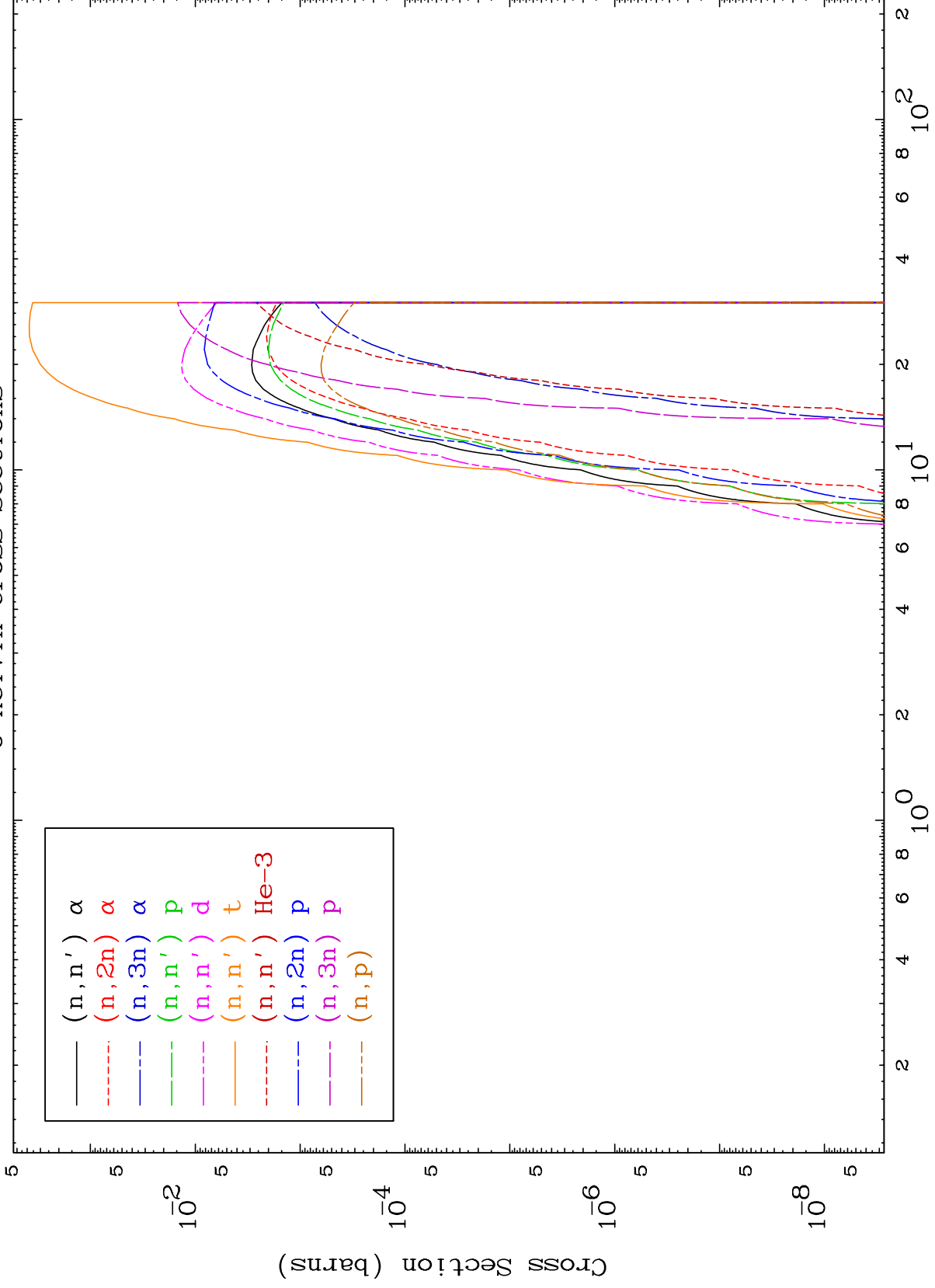
MAT 5470

He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-139



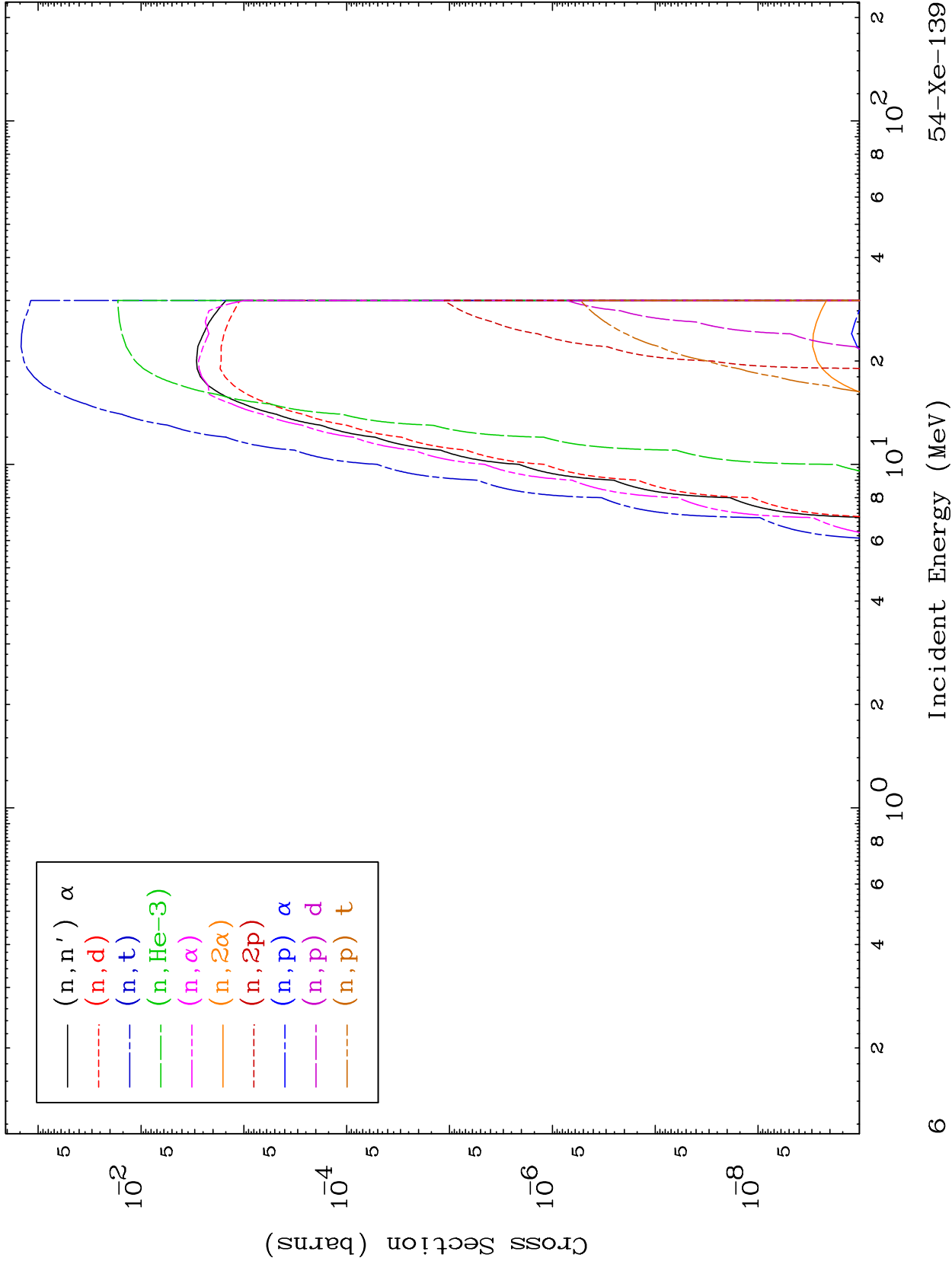
54-Xe-139



MAT 5470

He-3 Charged Particle
0 Kelvin Cross Sections

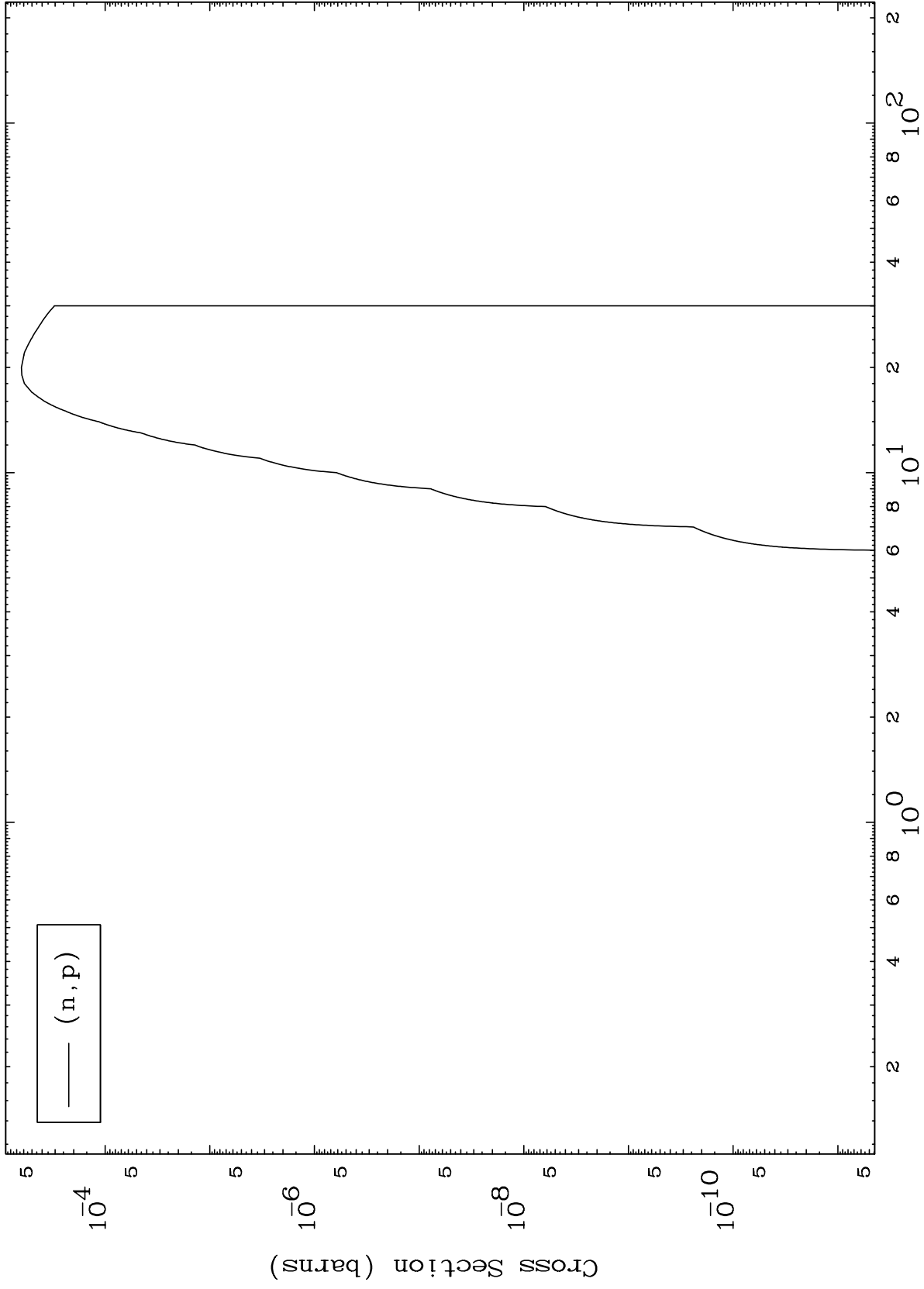
54-Xe-139



MAT 5470

(He-3,p) Levels
0 Kelvin Cross Sections

54-Xe-139

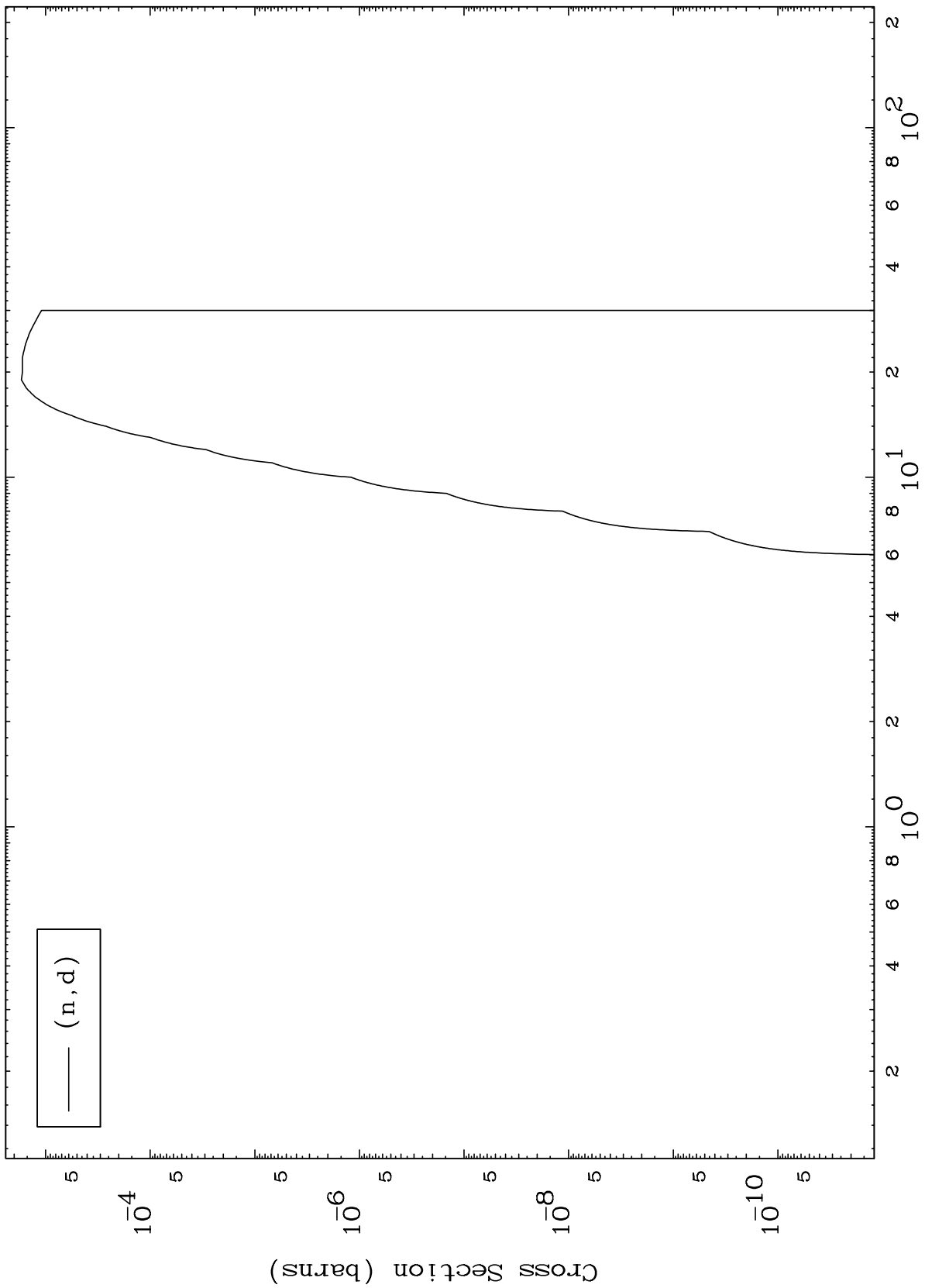


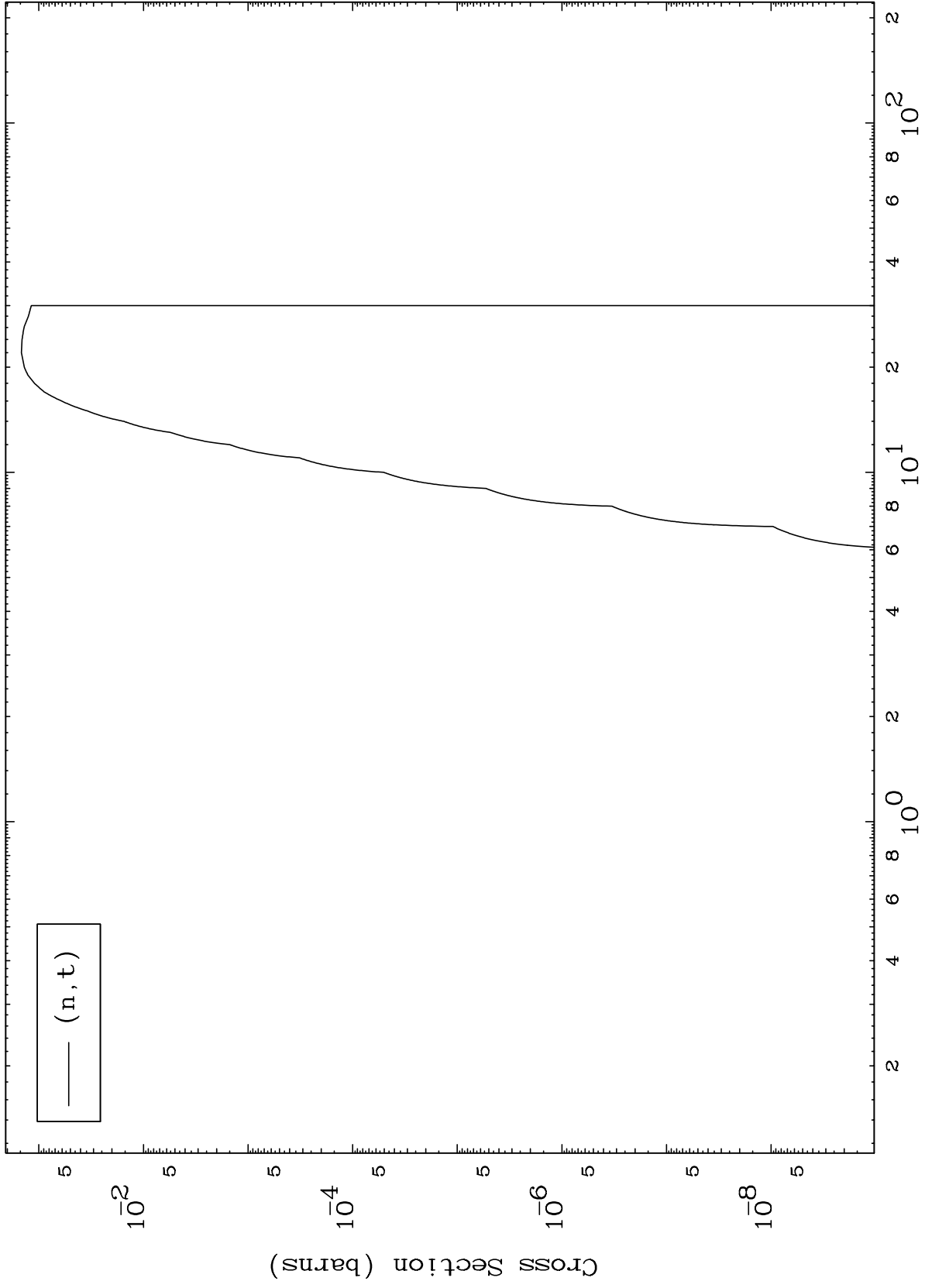
MAT 5470

(He-3,d) Levels

54-Xe-139

0 Kelvin Cross Sections



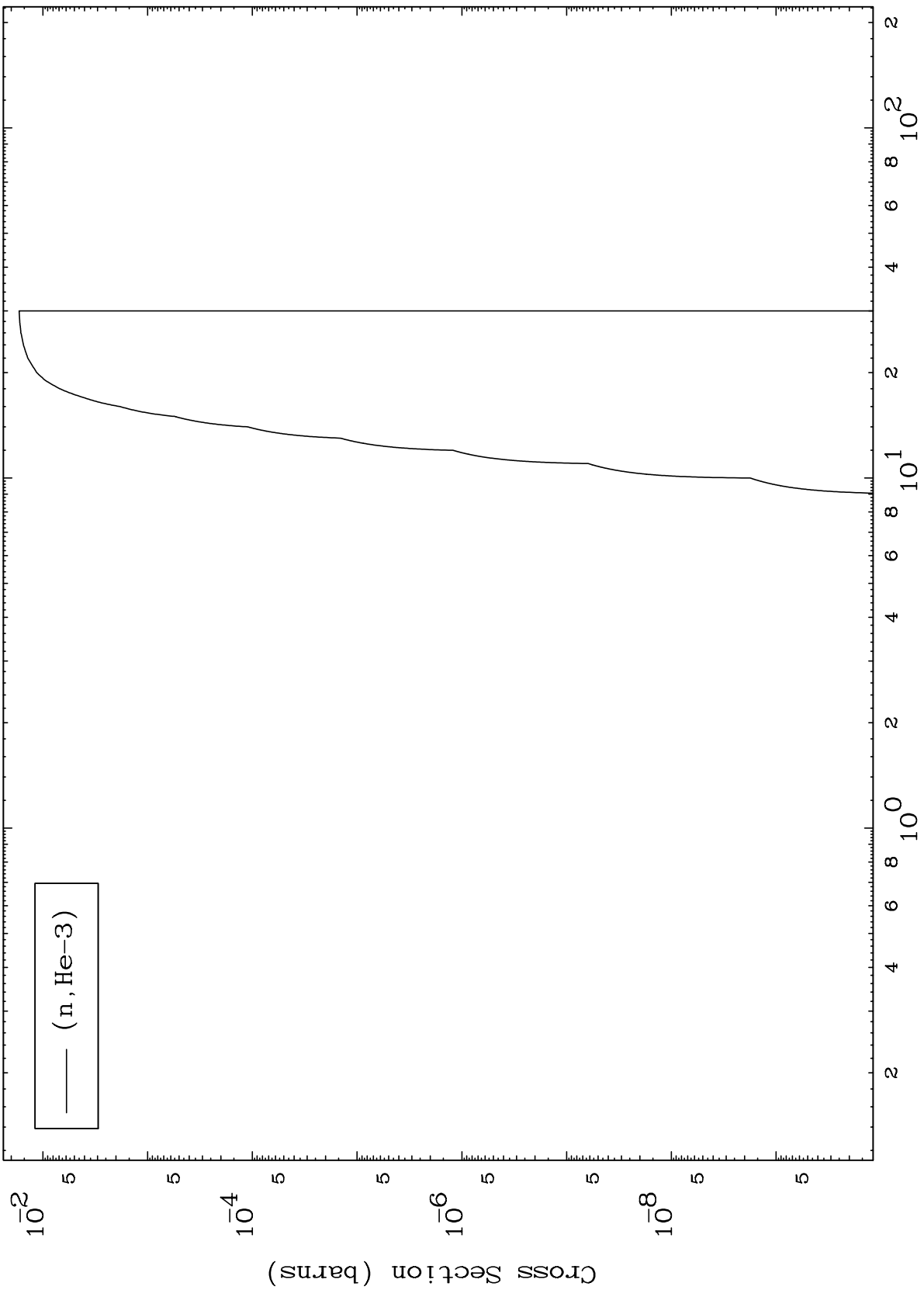


MAT 5470

(He-3, He3) Levels

54-Xe-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

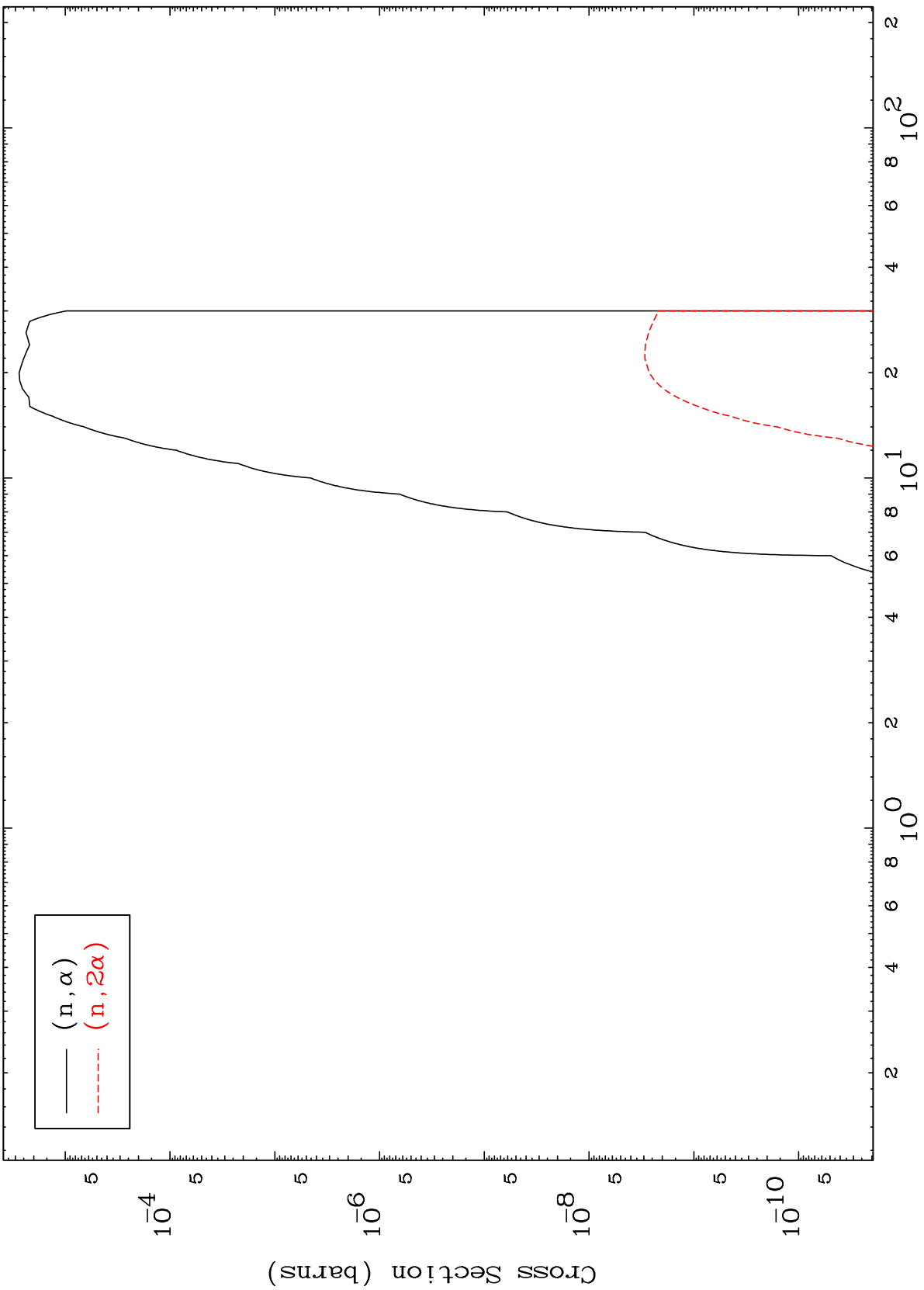
54-Xe-139

MAT 5470

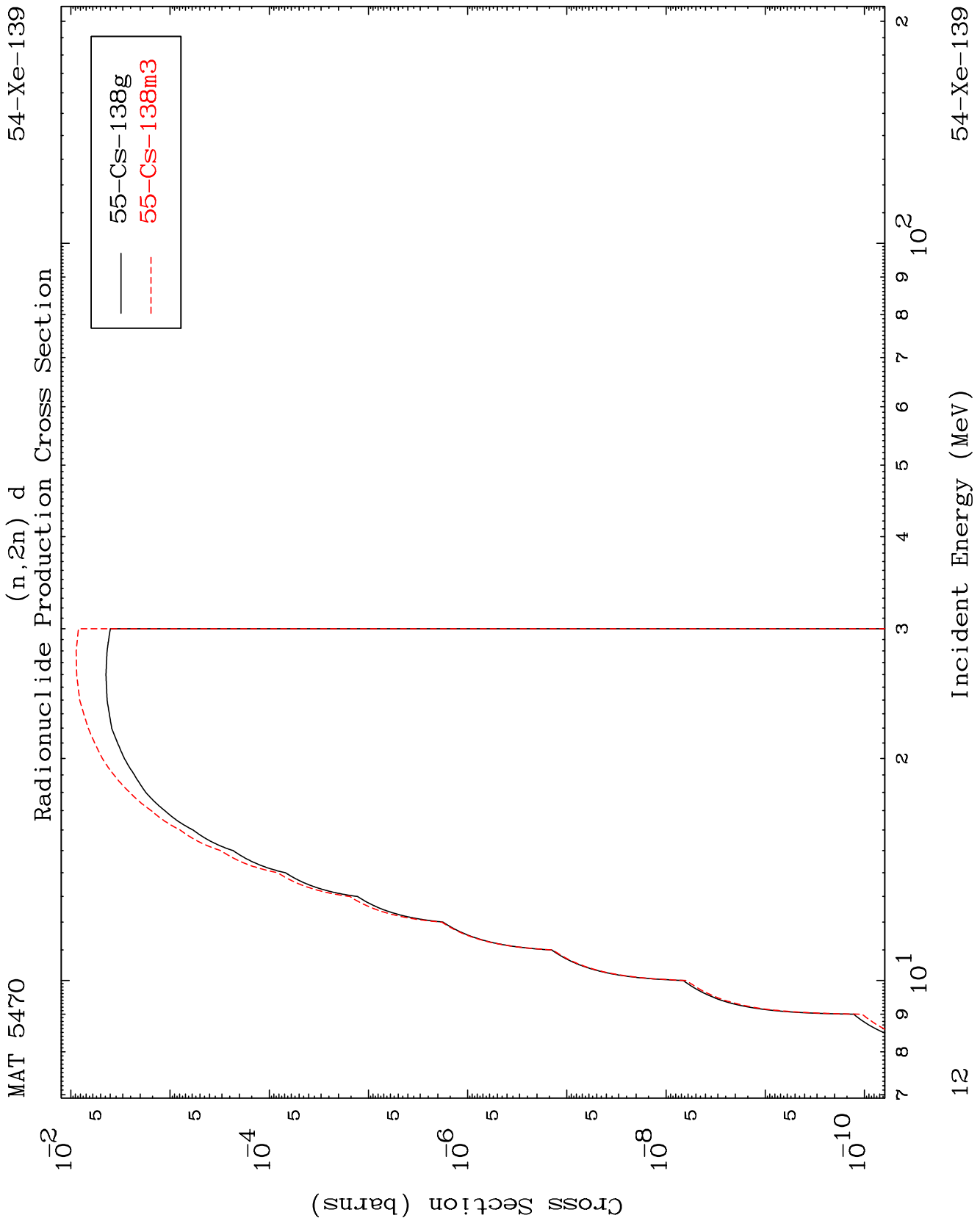
(He-3, α) Levels

54-Xe-139

0 Kelvin Cross Sections



— (n, α)
- - - $(n, 2\alpha)$



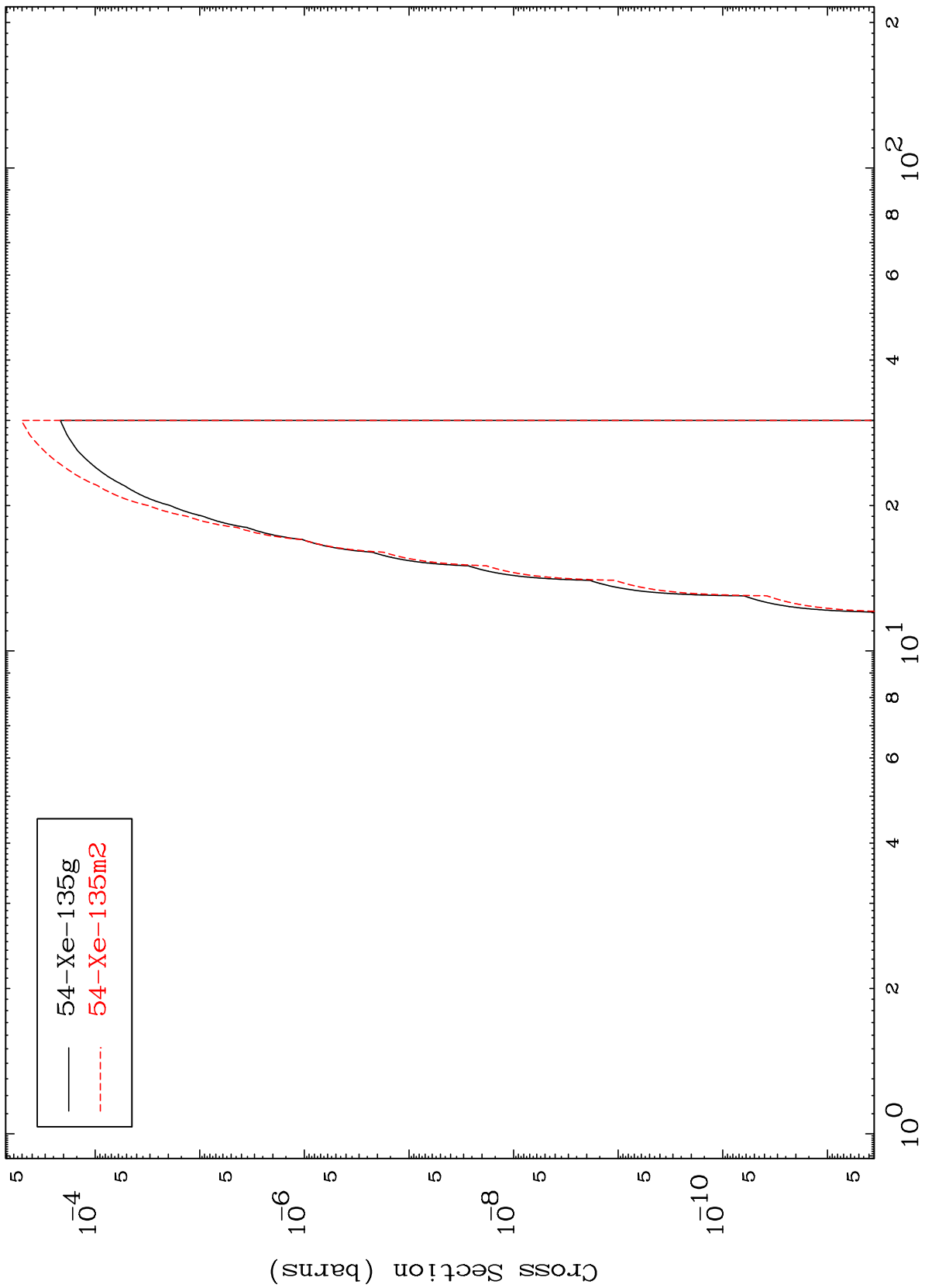
55-Cs-138g
55-Cs-138m3

MAT 5470

(n,3n) α

54-Xe-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

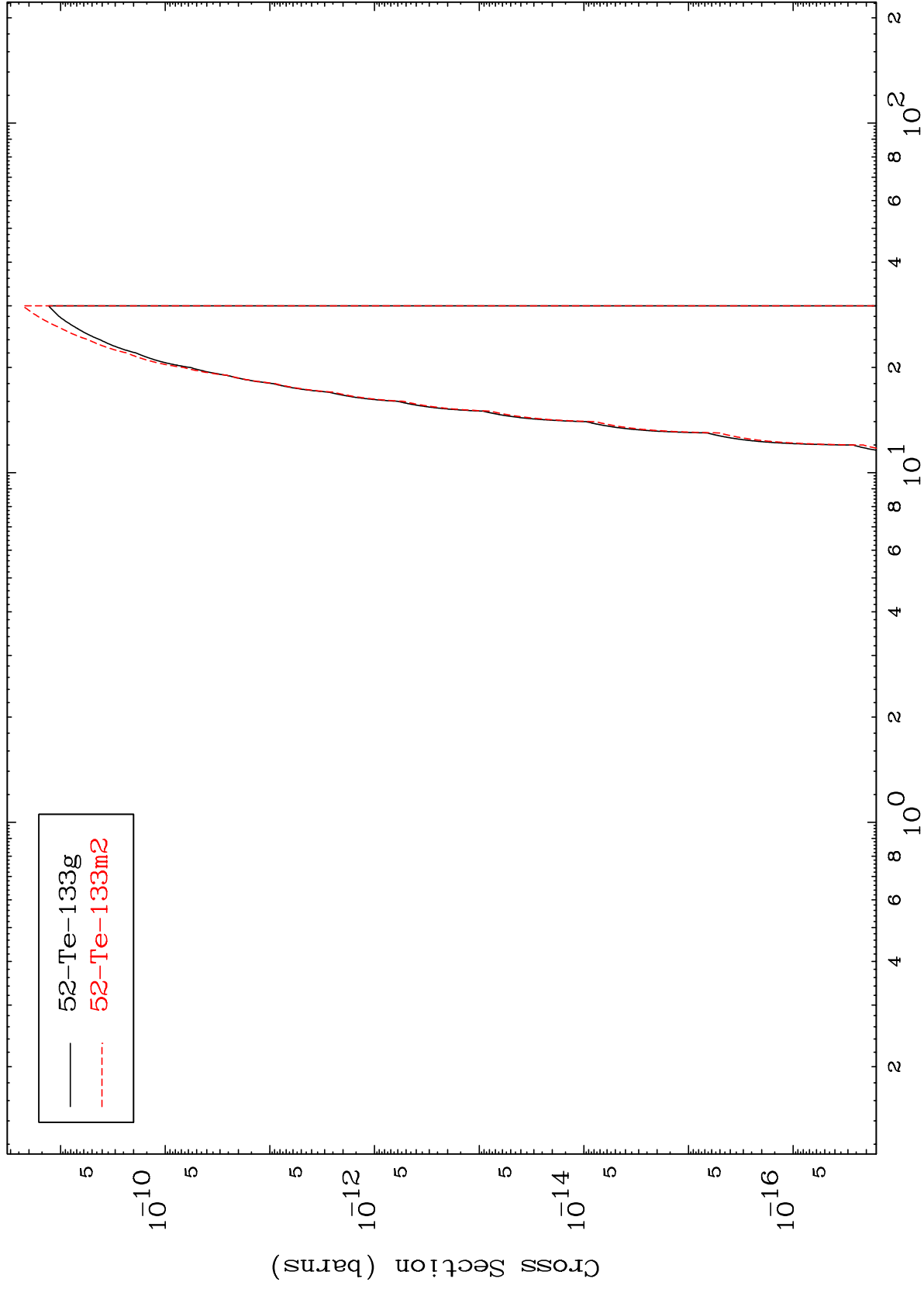
54-Xe-139

MAT 5470

(n,n') 2α

54-Xe-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

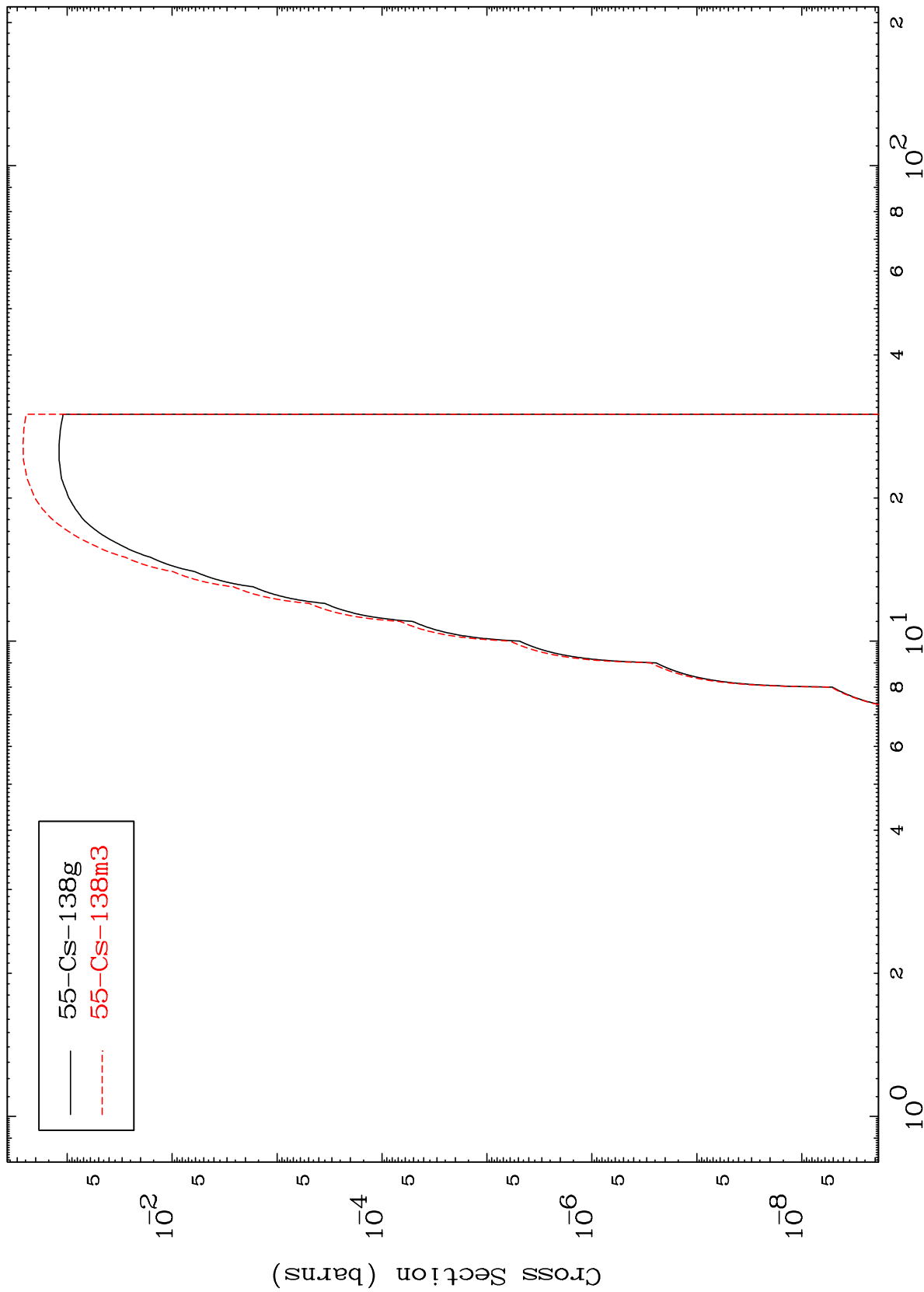
54-Xe-139

MAT 5470

(n,n') t

54-Xe-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

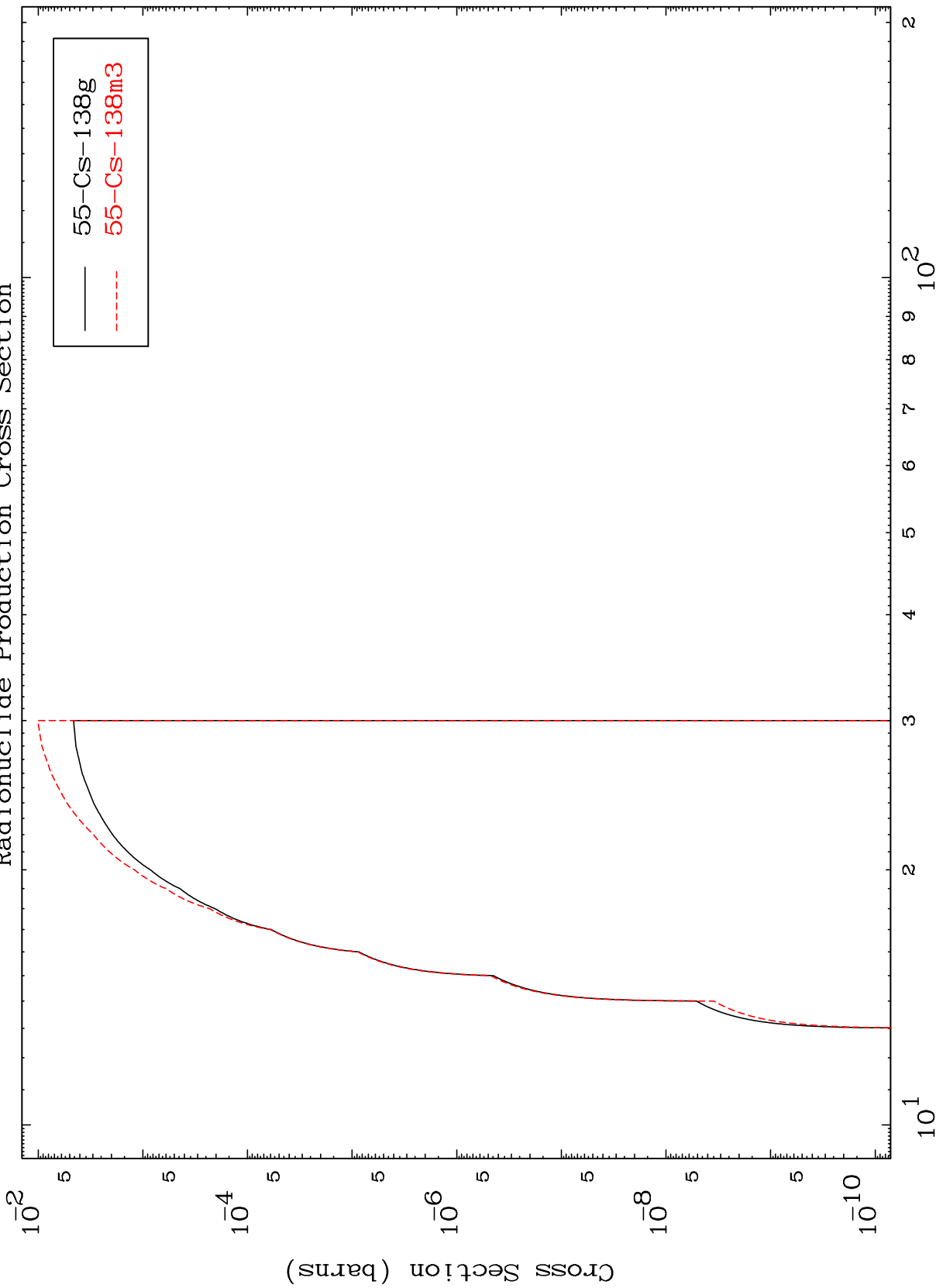
54-Xe-139

MAT 5470

(n,3n) p

54-Xe-139

Radionuclide Production Cross Section



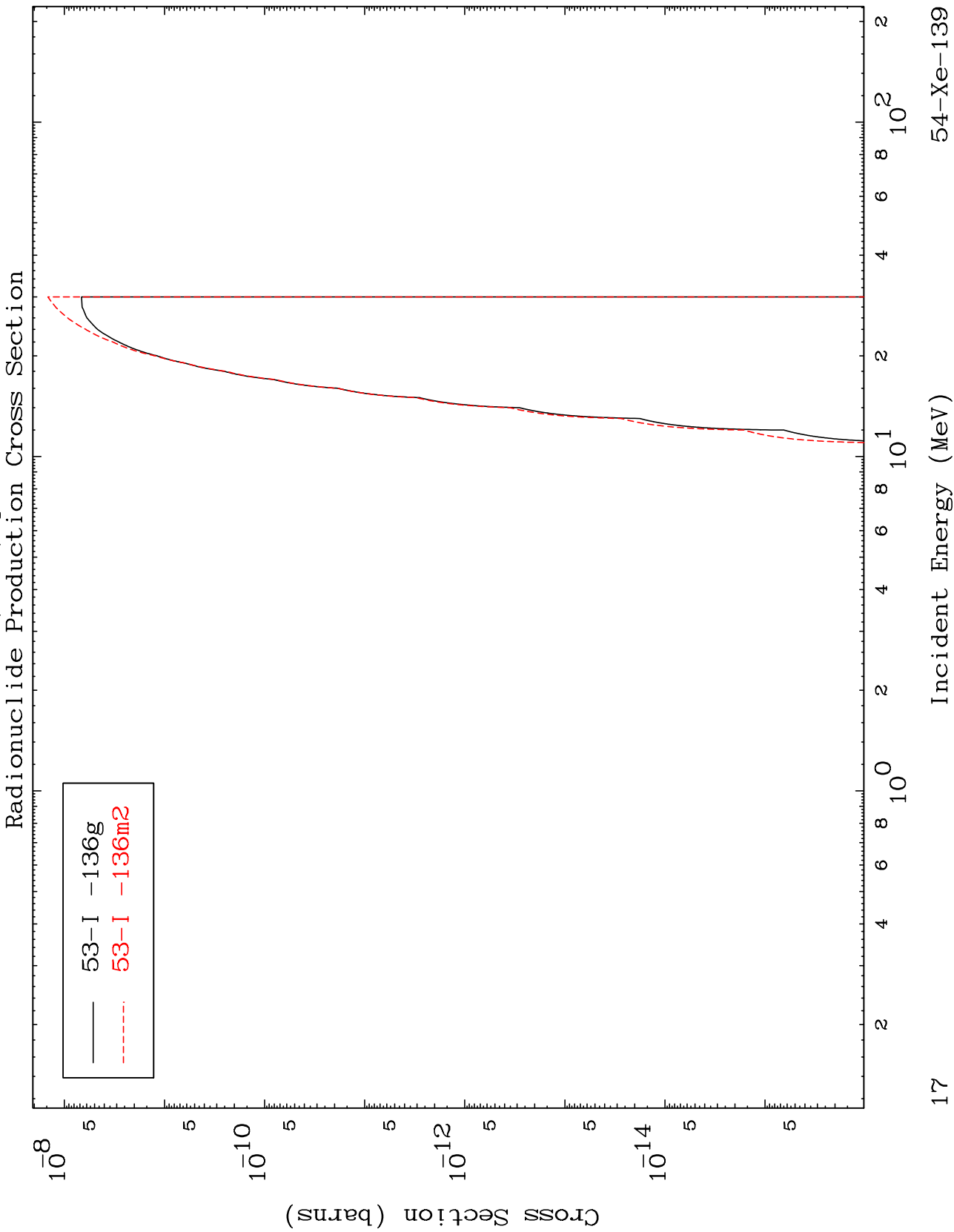
Incident Energy (MeV)

54-Xe-139

MAT 5470

(n,n') p α

54-Xe-139



53-I -136g
53-I -136m2

