

Program EVALPLOT
(Version 2021-1)

by

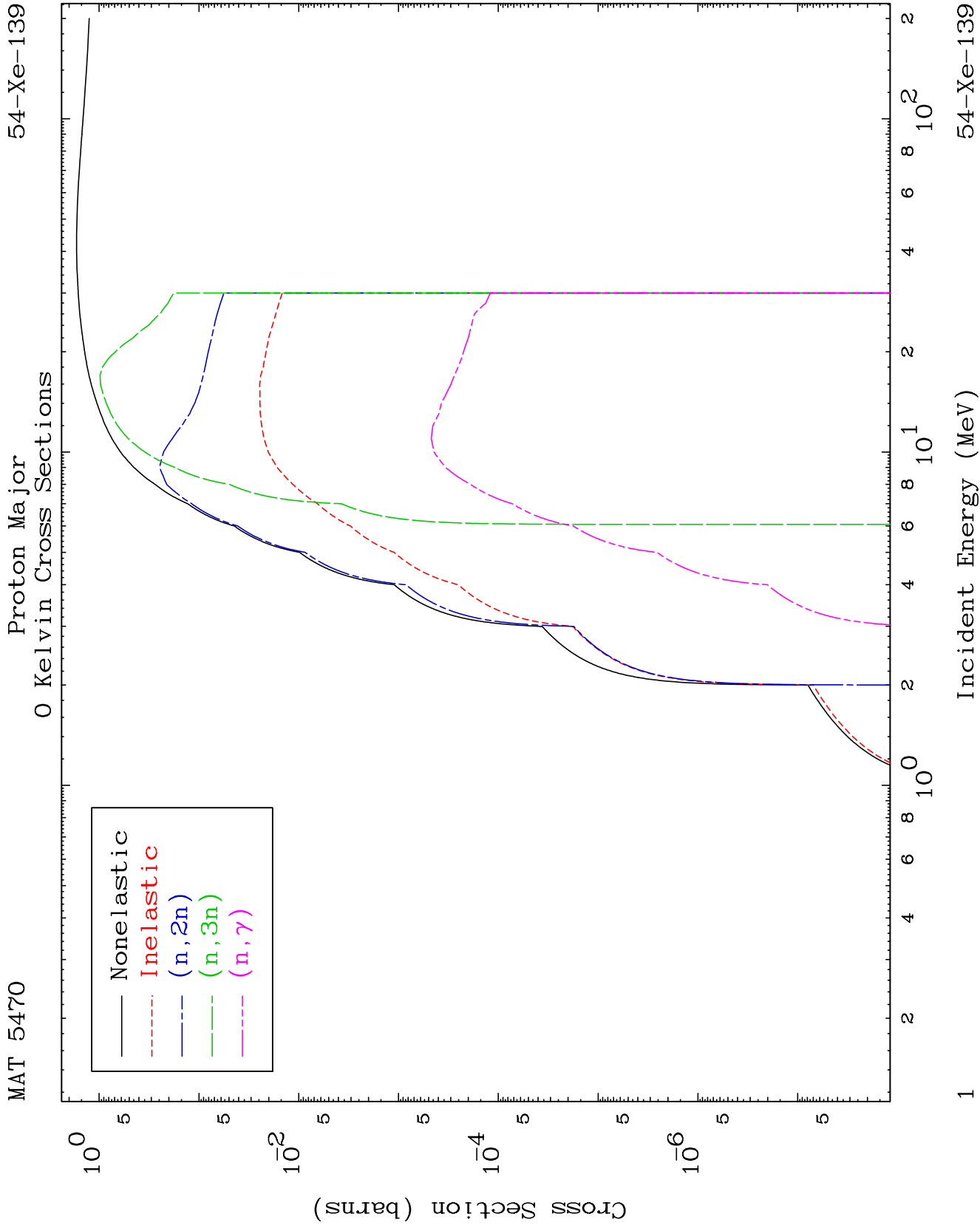
Dermott E. Cullen
(Present Contact Information)

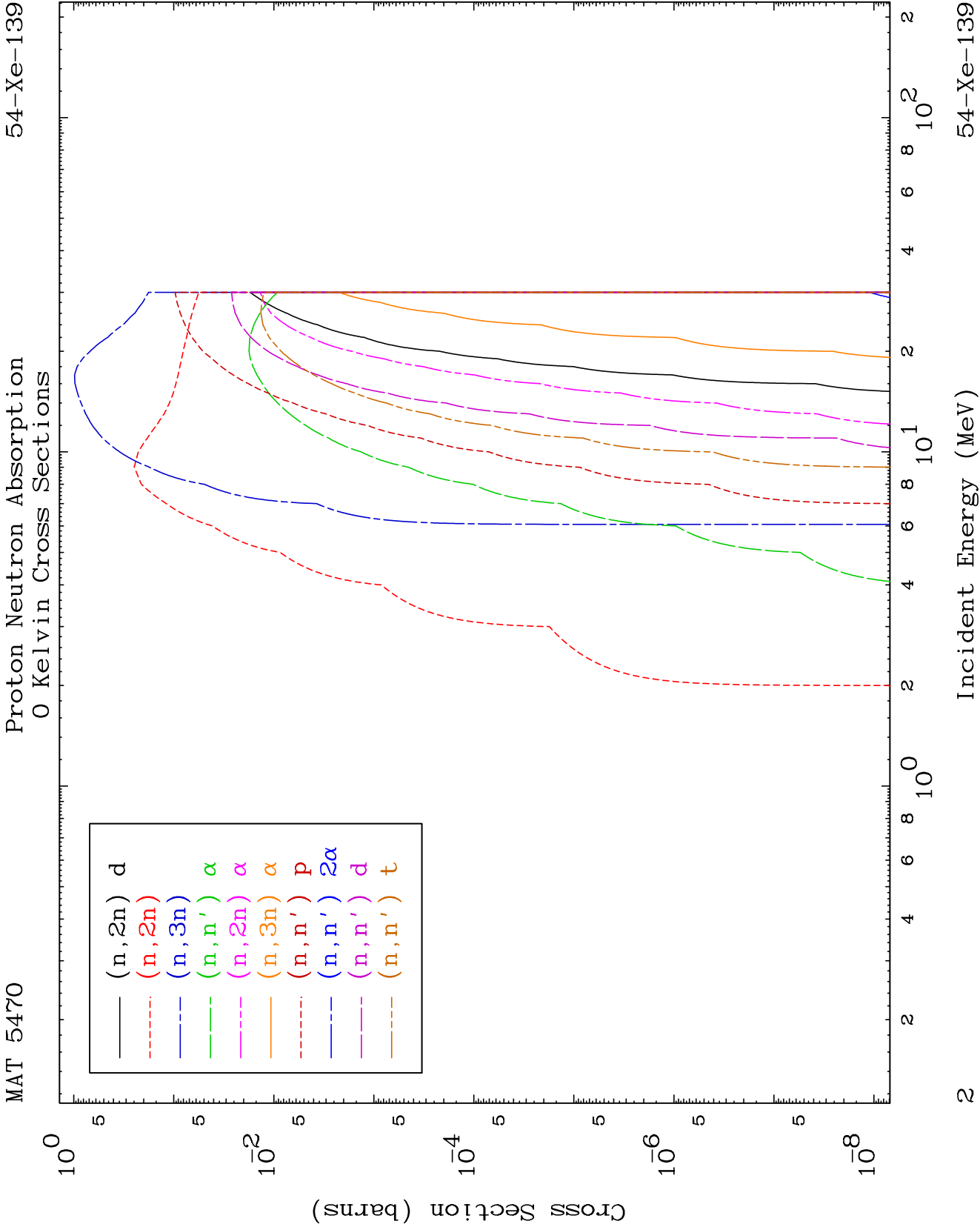
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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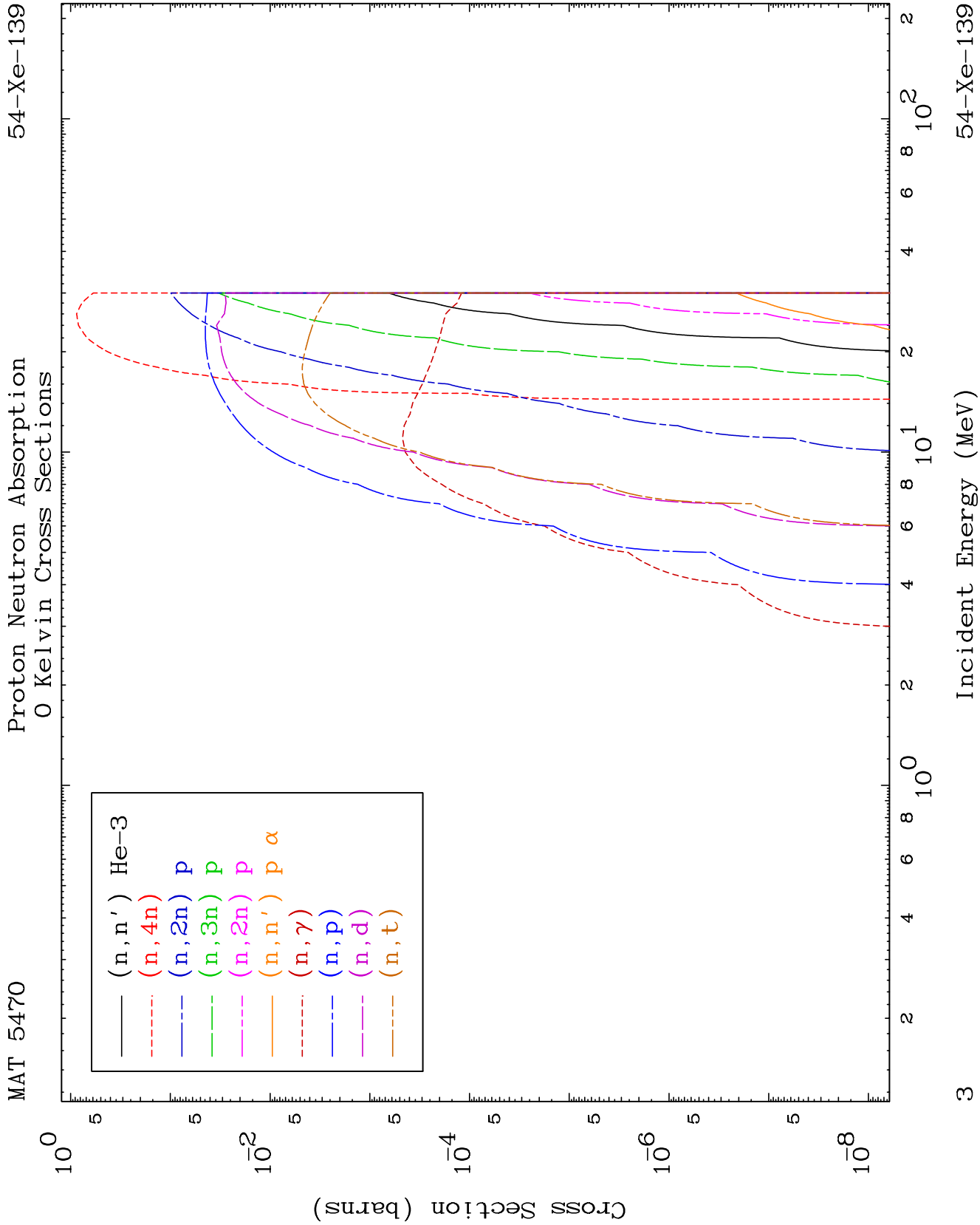
Tele: 925-443-1911

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Press Mouse Button to Start



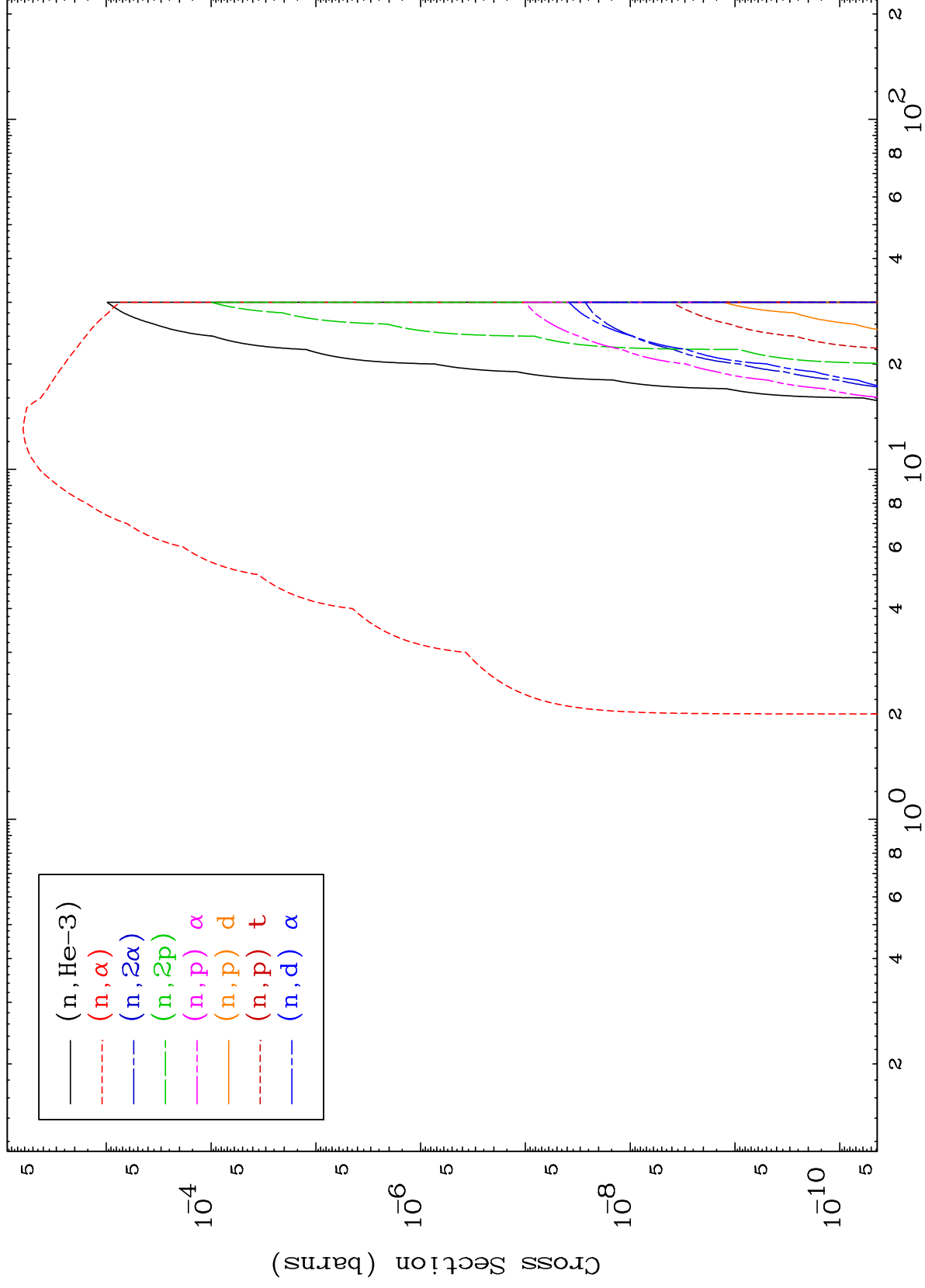


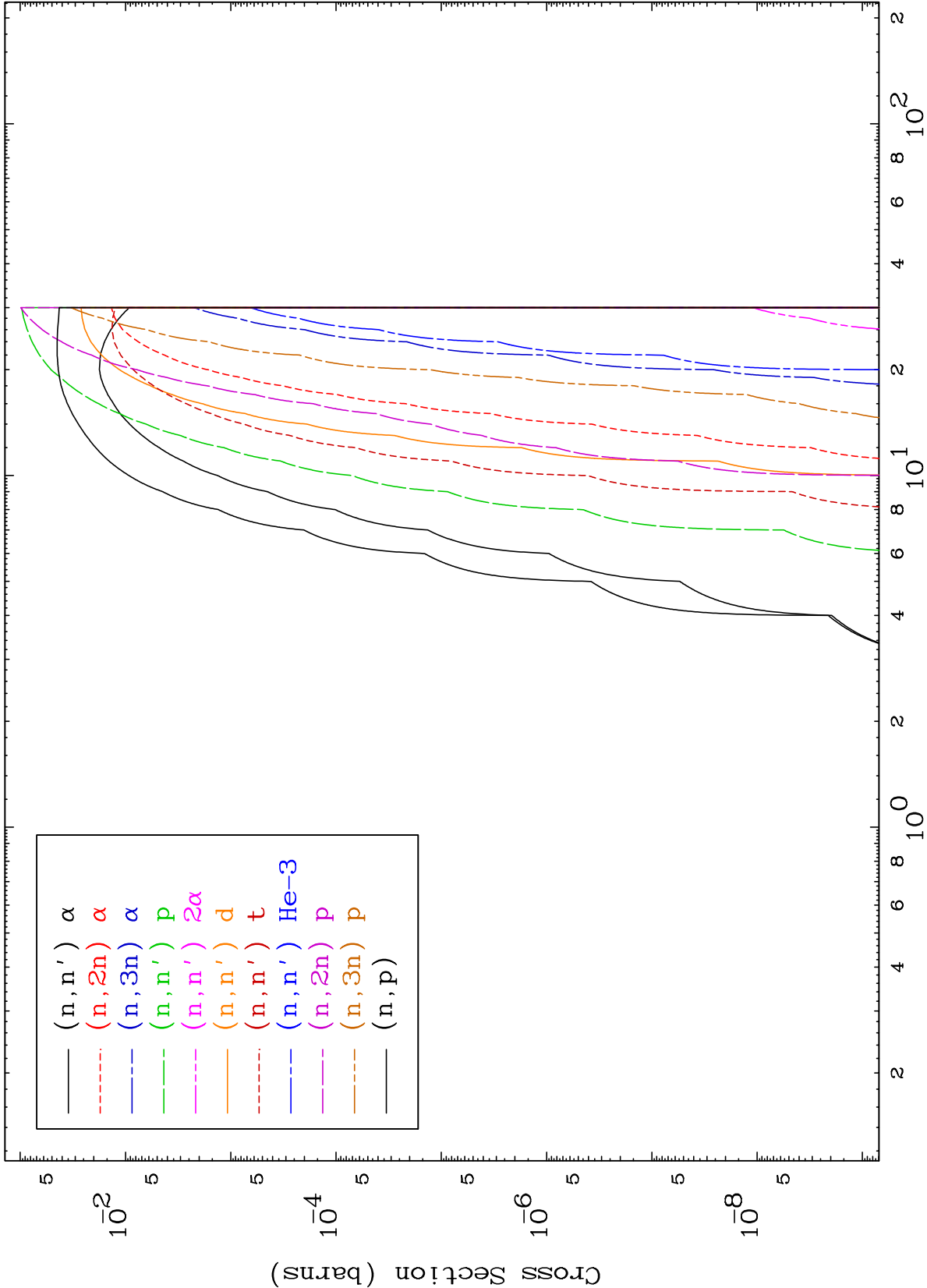


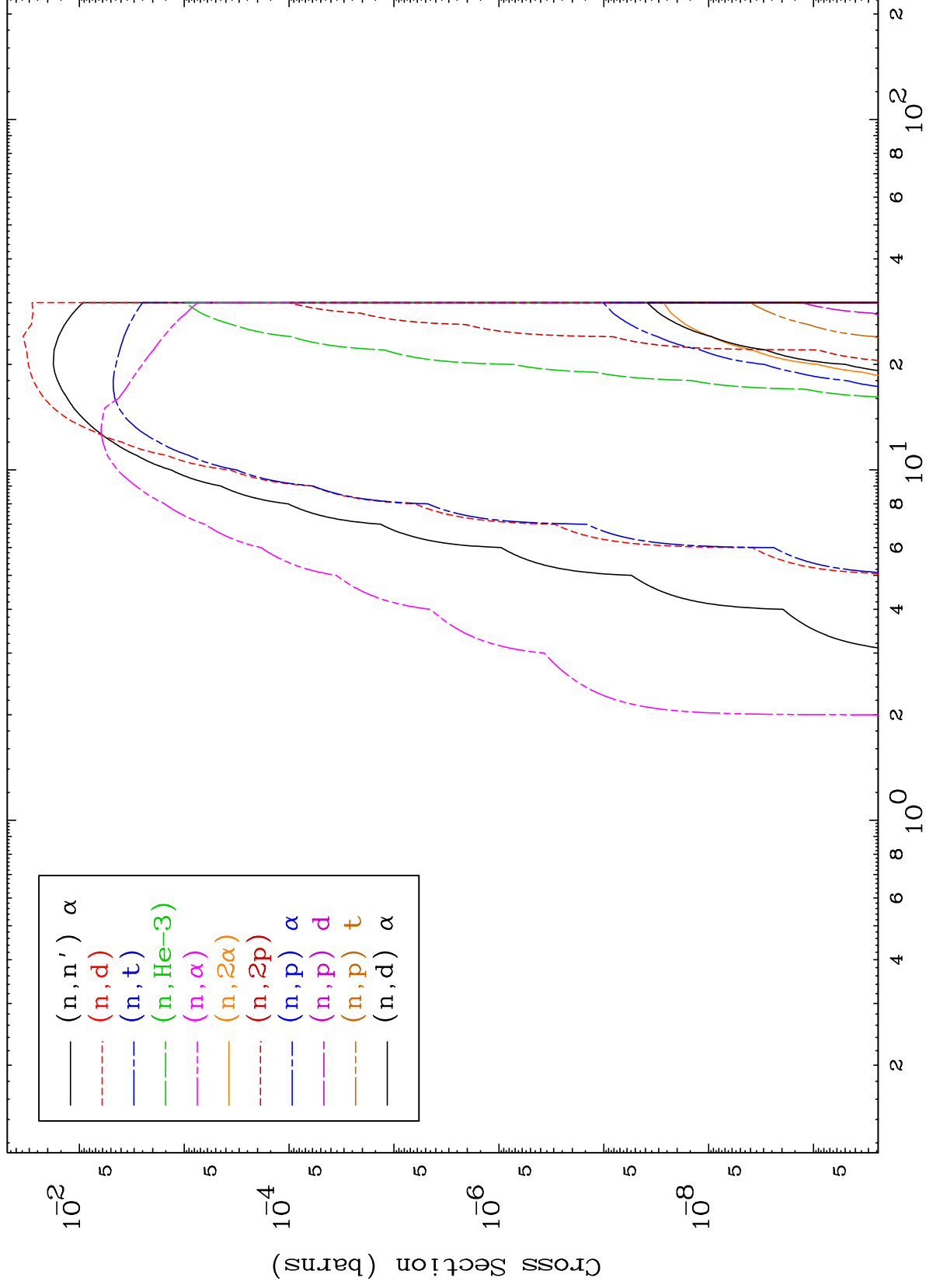
MAT 5470

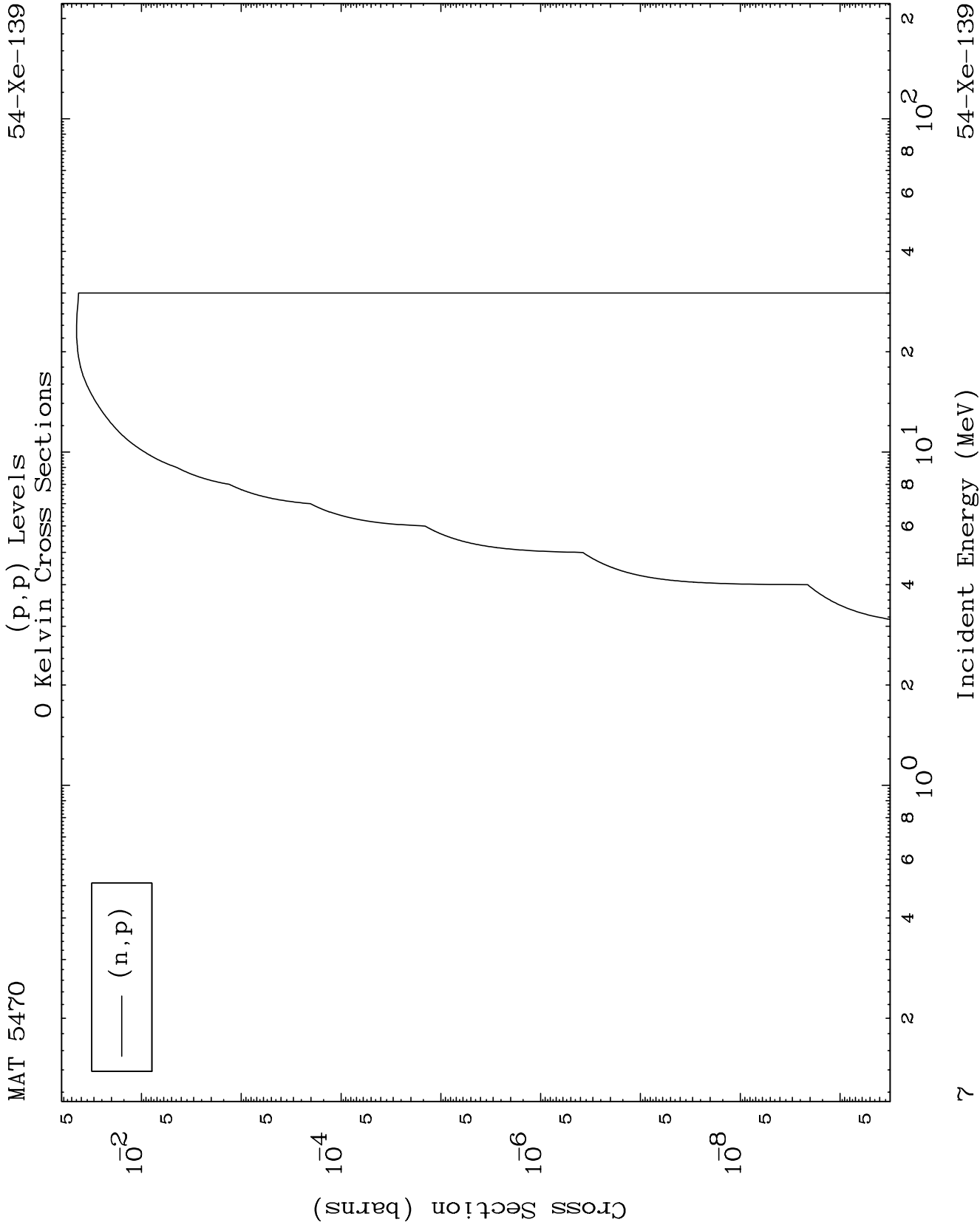
Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-139





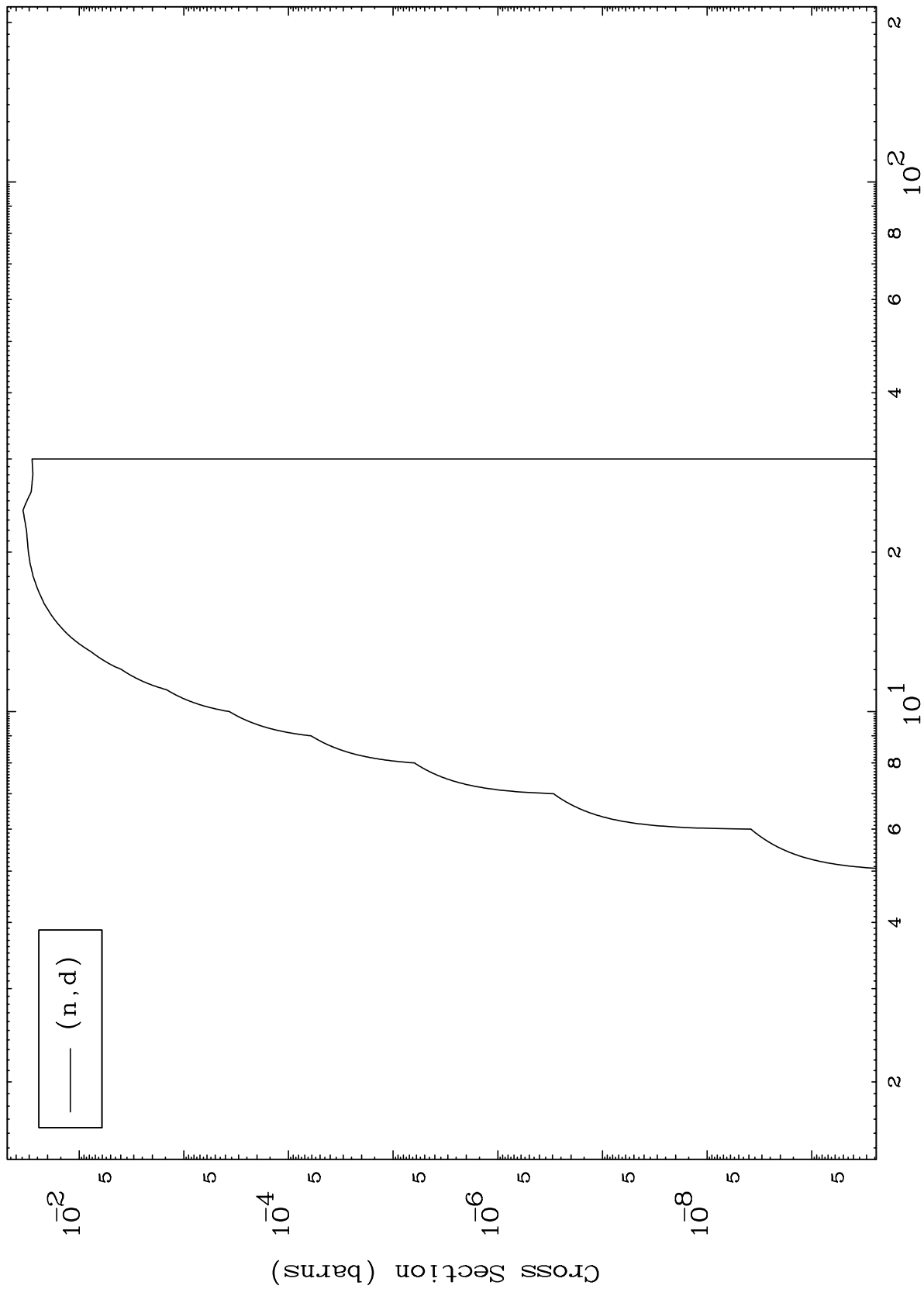




MAT 5470

54-Xe-139

(p,d) Levels
0 Kelvin Cross Sections



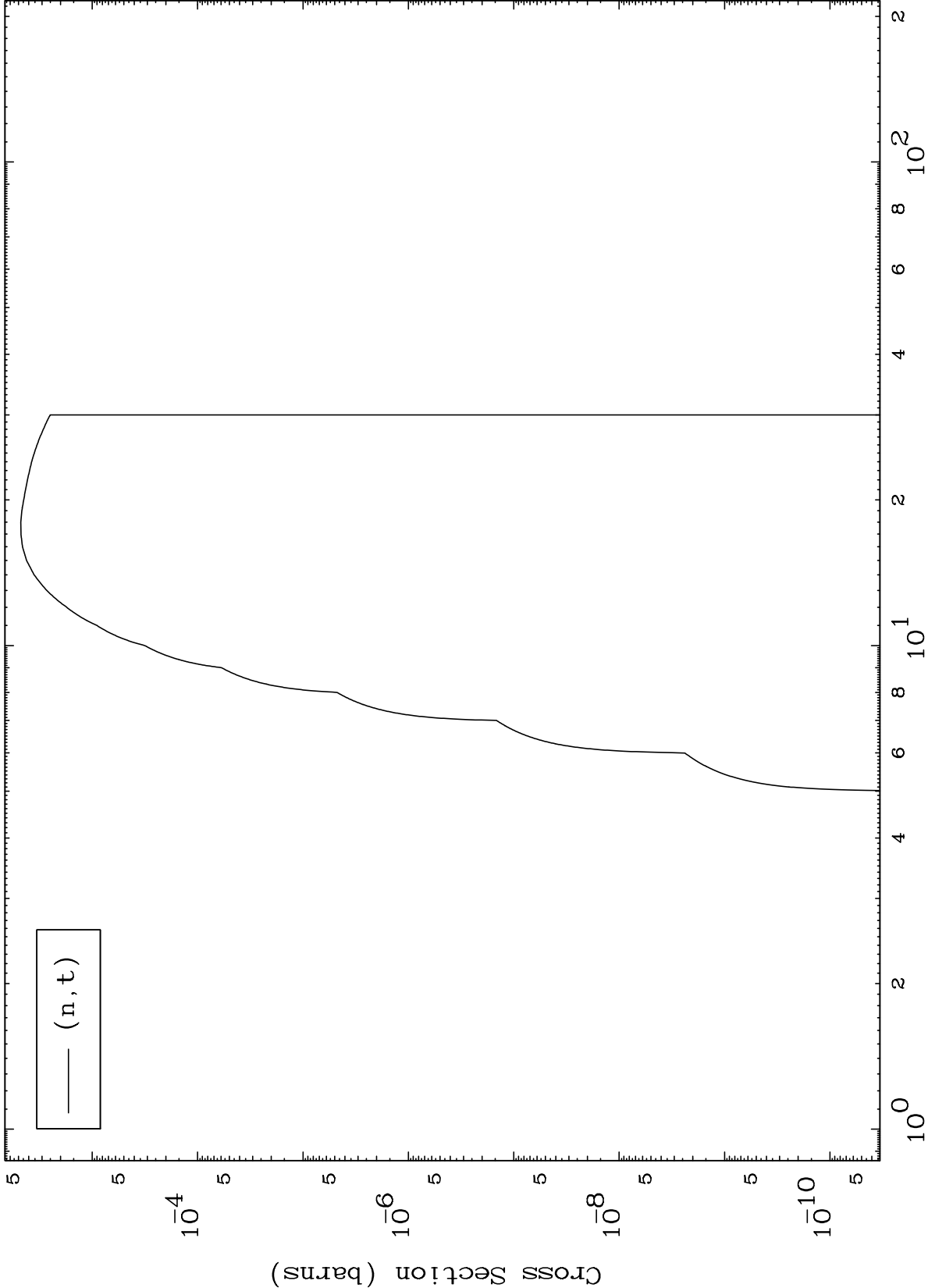
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54-Xe-139

MAT 5470

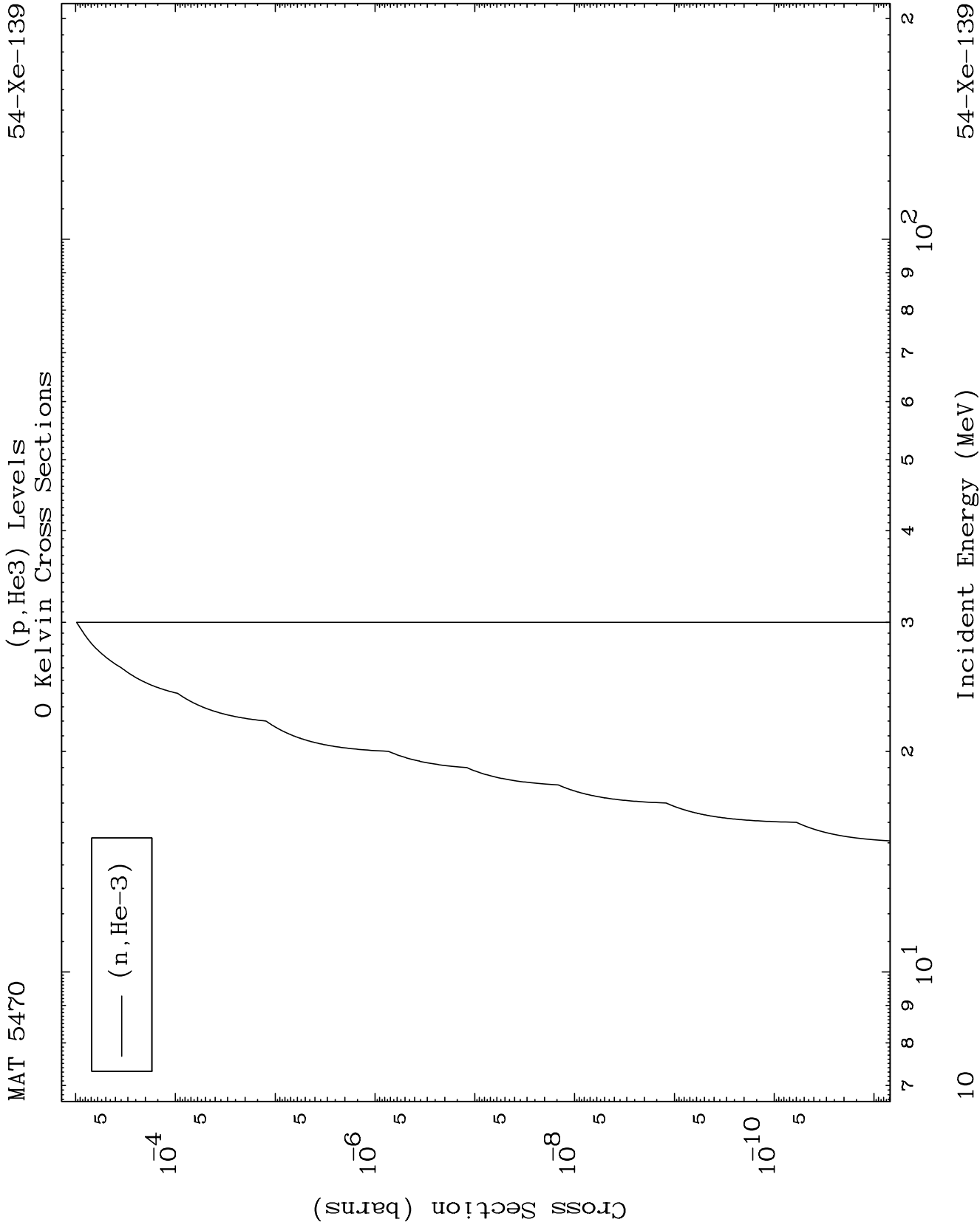
54-Xe-139

(p,t) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

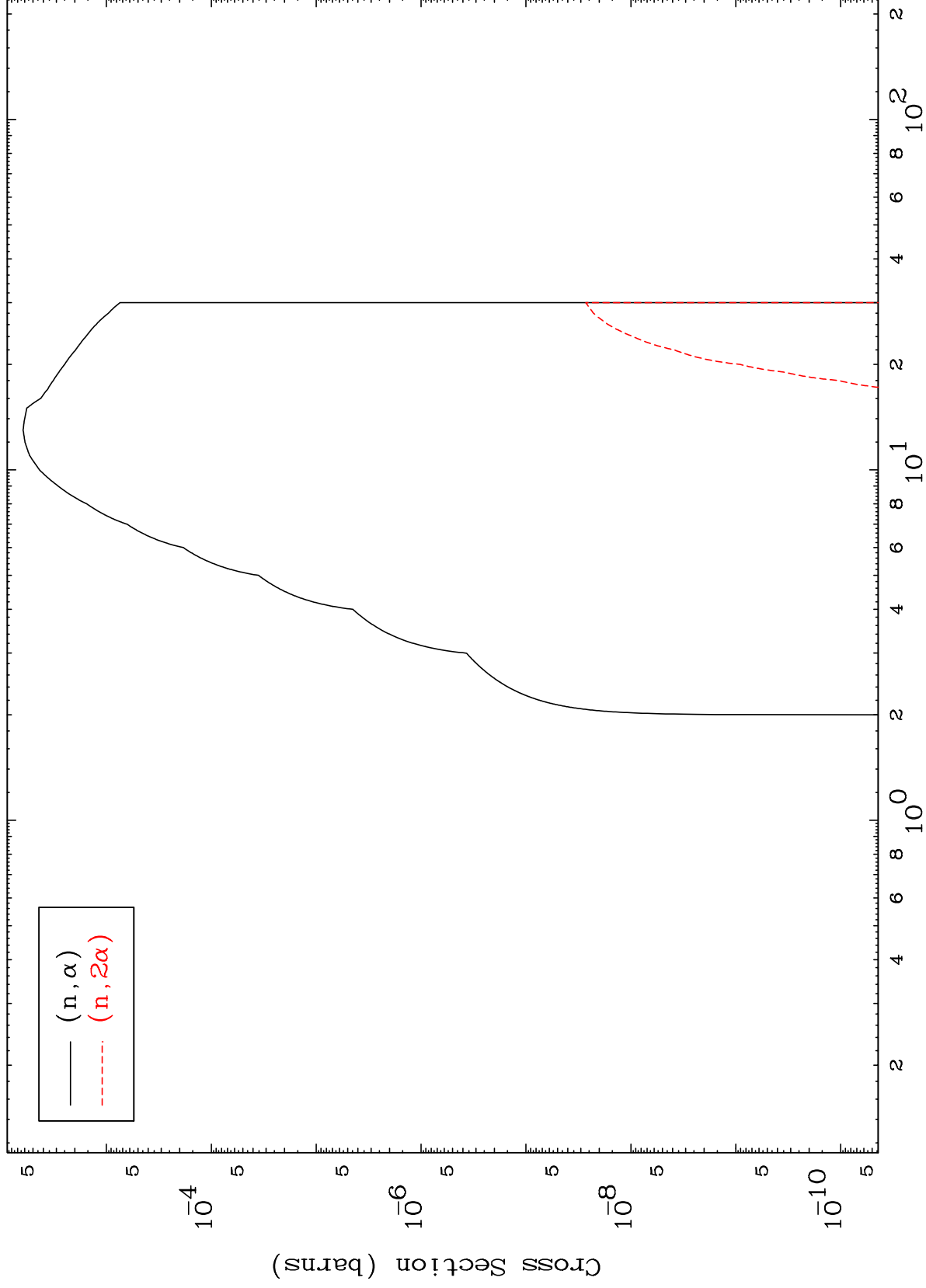
54-Xe-139



MAT 5470

54-Xe-139

(p, α) Levels
0 Kelvin Cross Sections



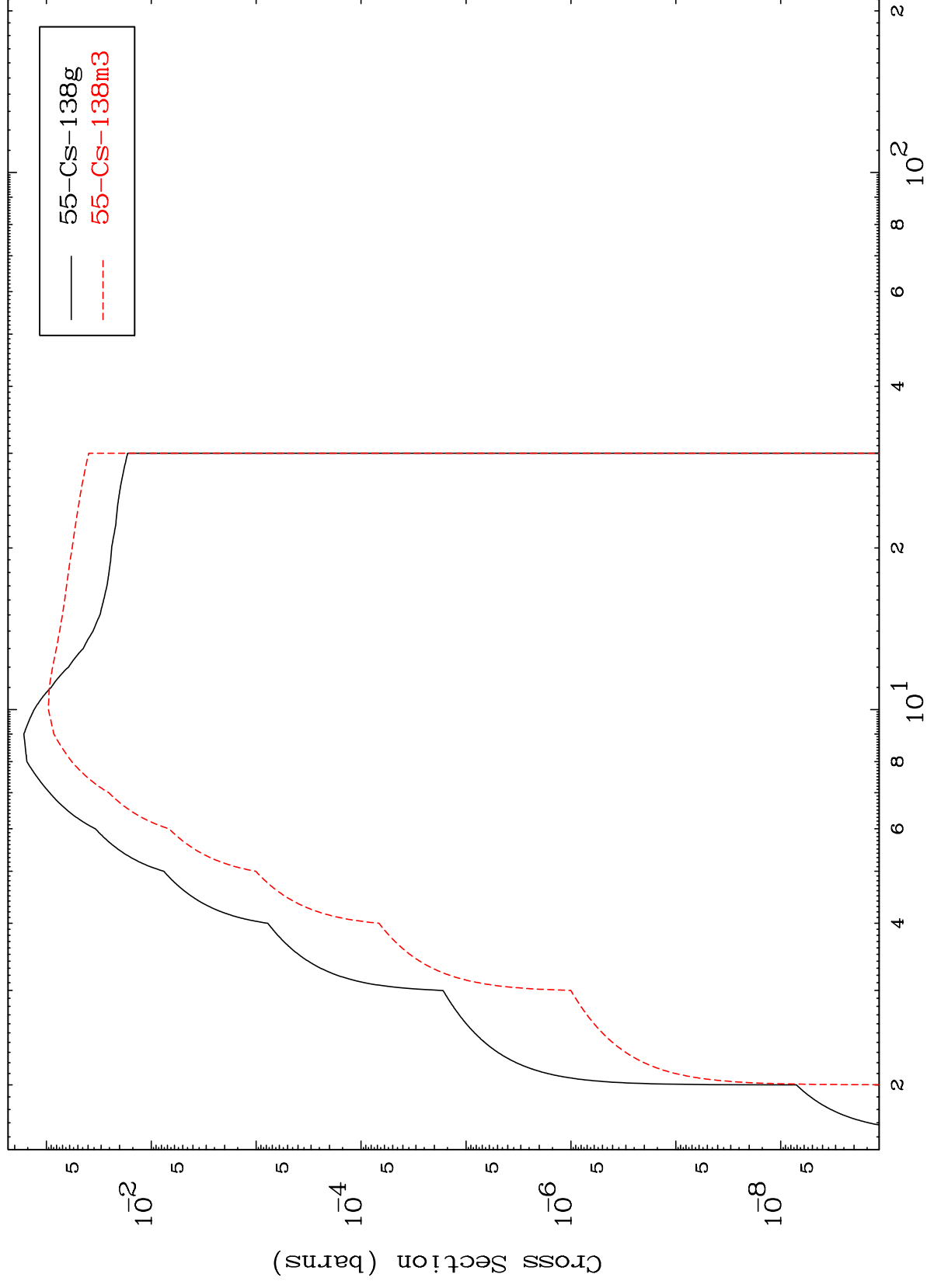
11

54-Xe-139

MAT 5470

54-Xe-139

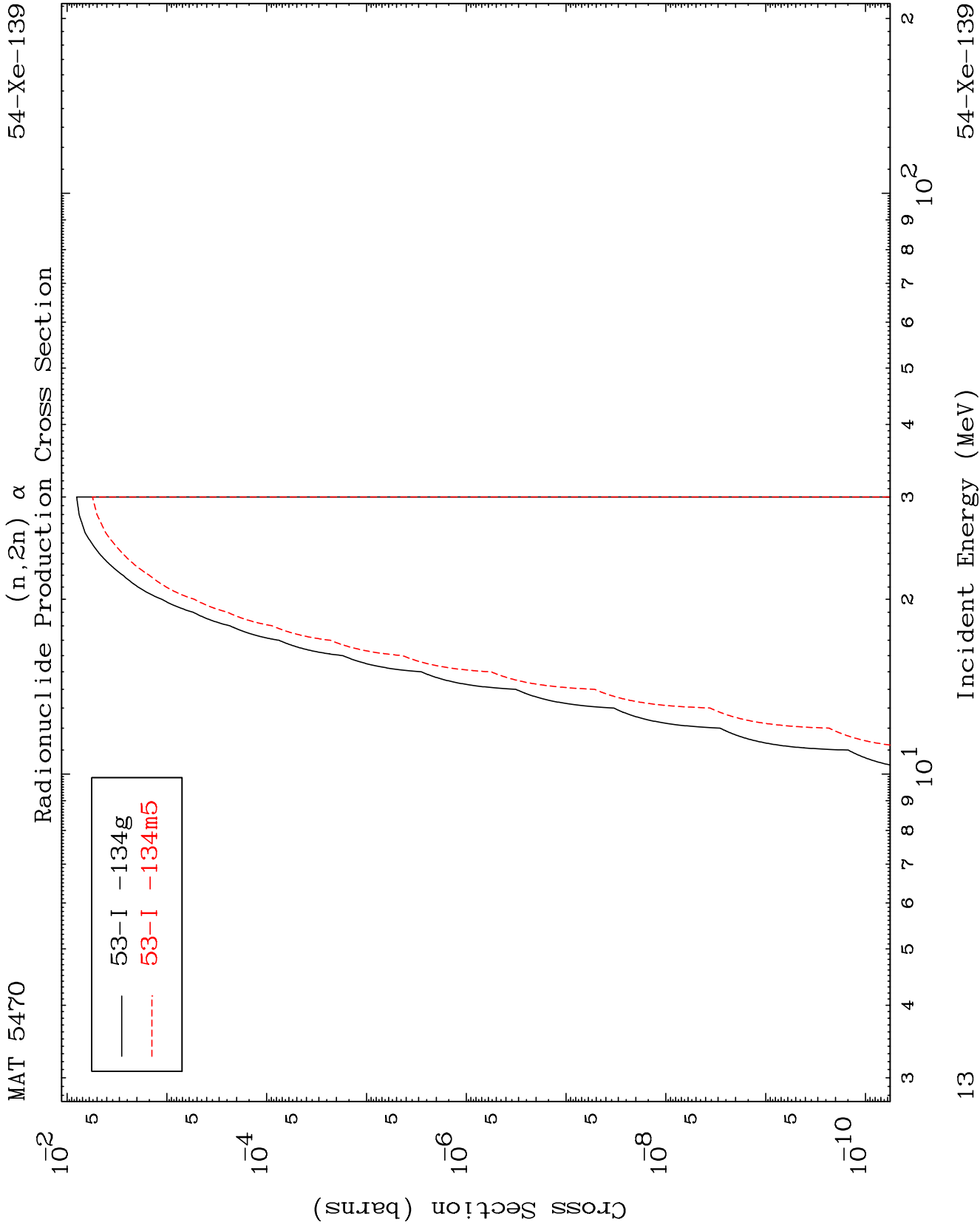
$(n, 2n)$
Radionuclide Production Cross Section

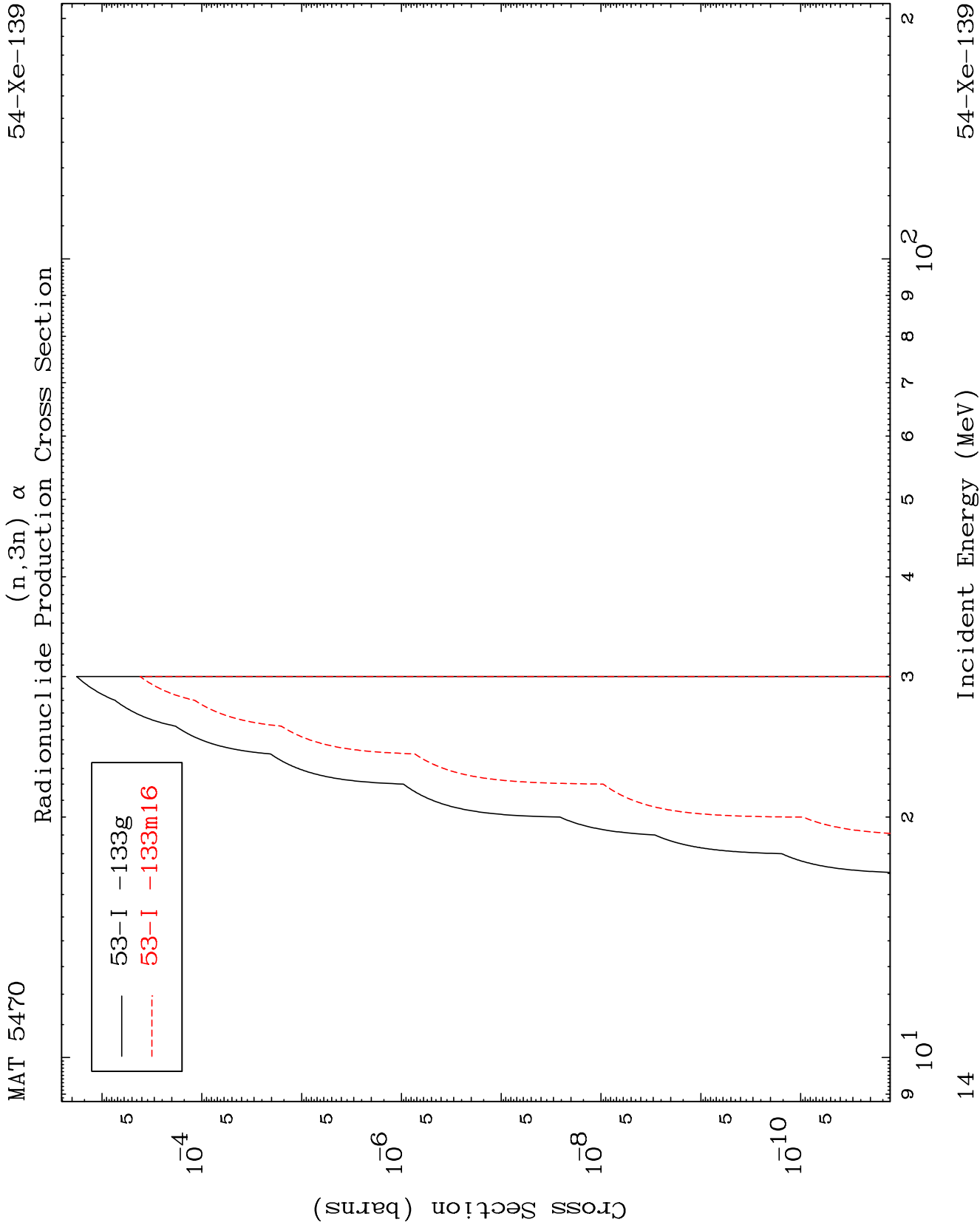
$$(n, 2n)$$


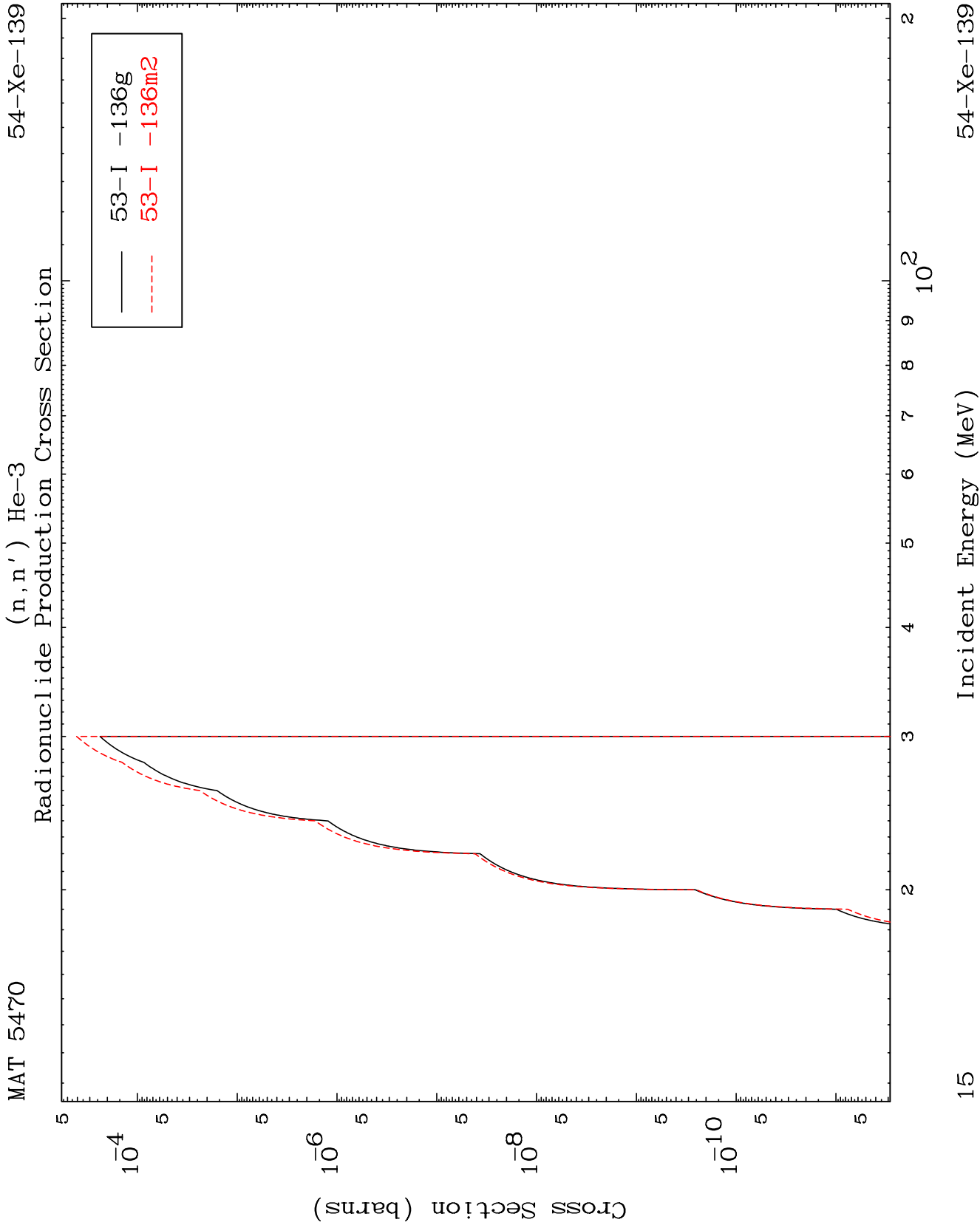
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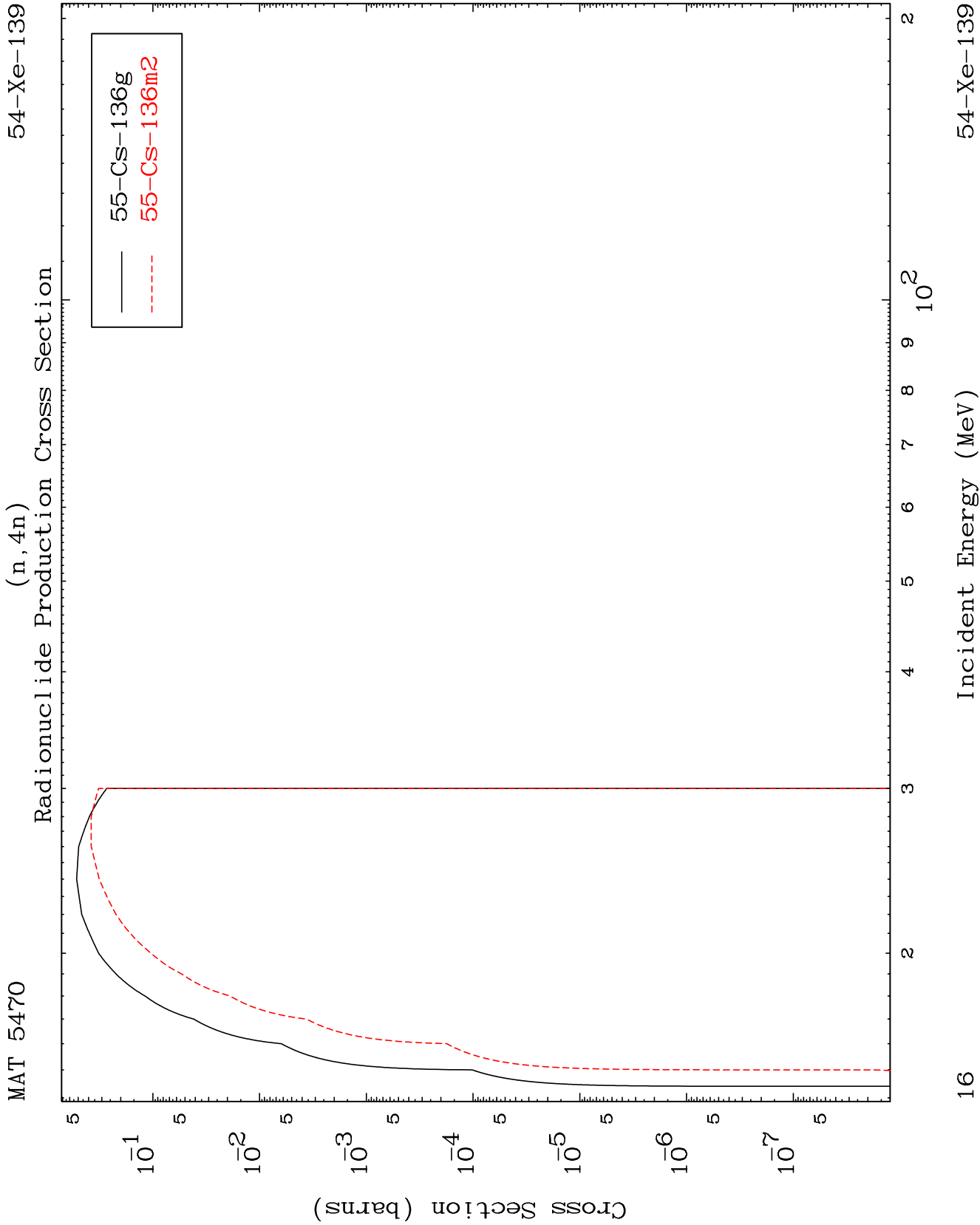
Incident Energy (MeV)

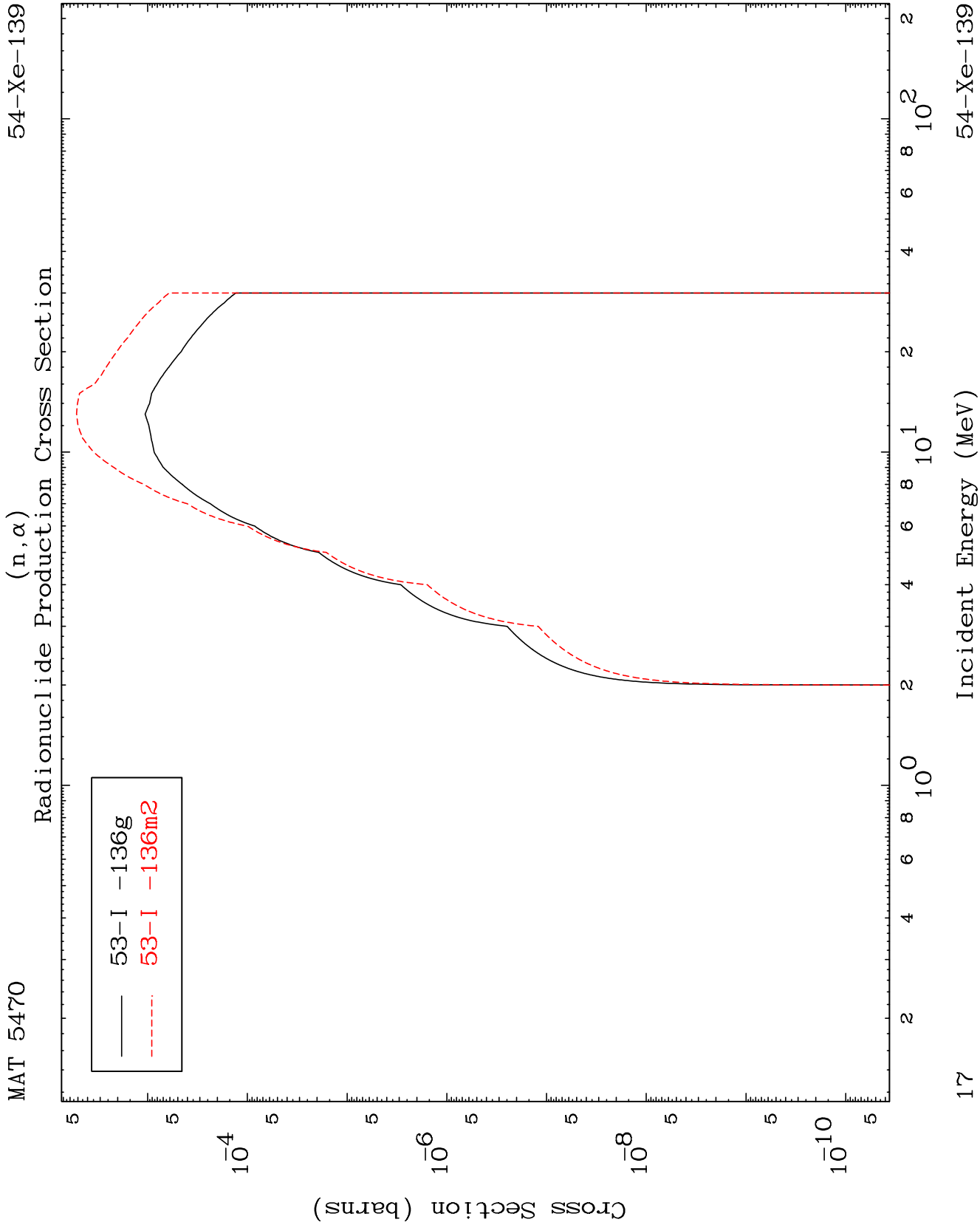
54-Xe-139









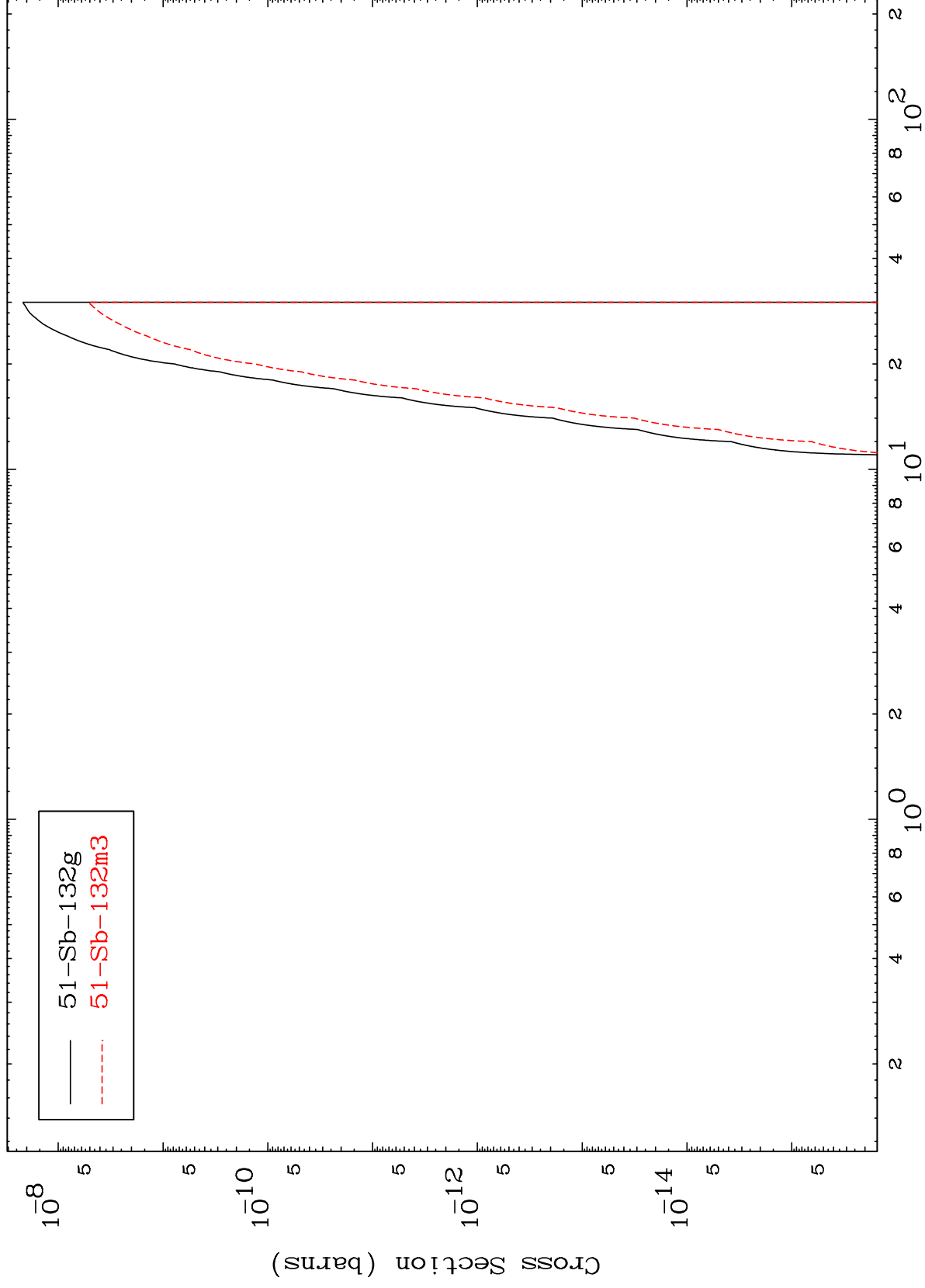


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(n,2α)

54-Xe-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

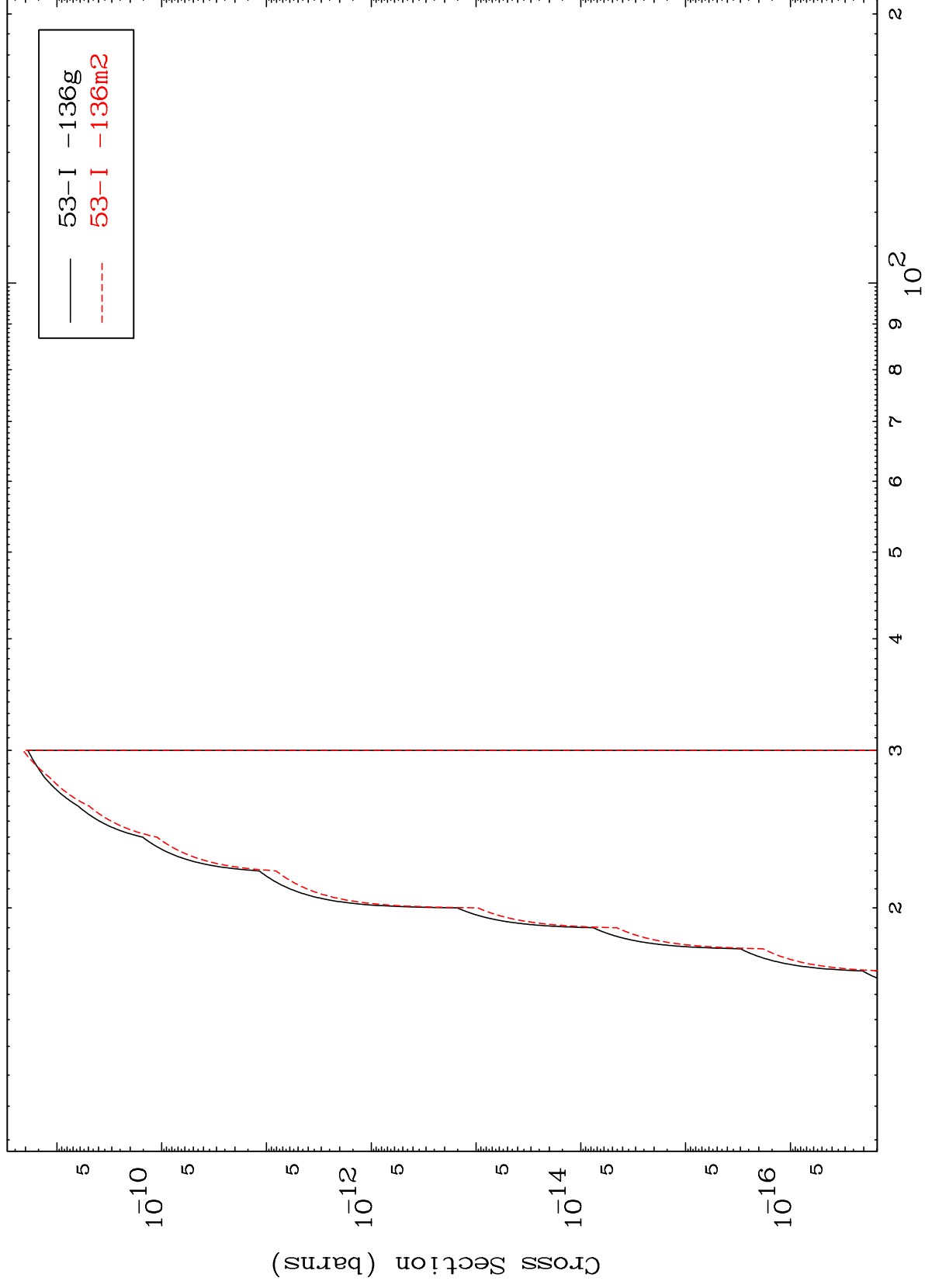
54-Xe-139

MAT 5470

(n,p) t

54-Xe-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

54-Xe-139