

Program EVALPLOT
(Version 2018-1)

by

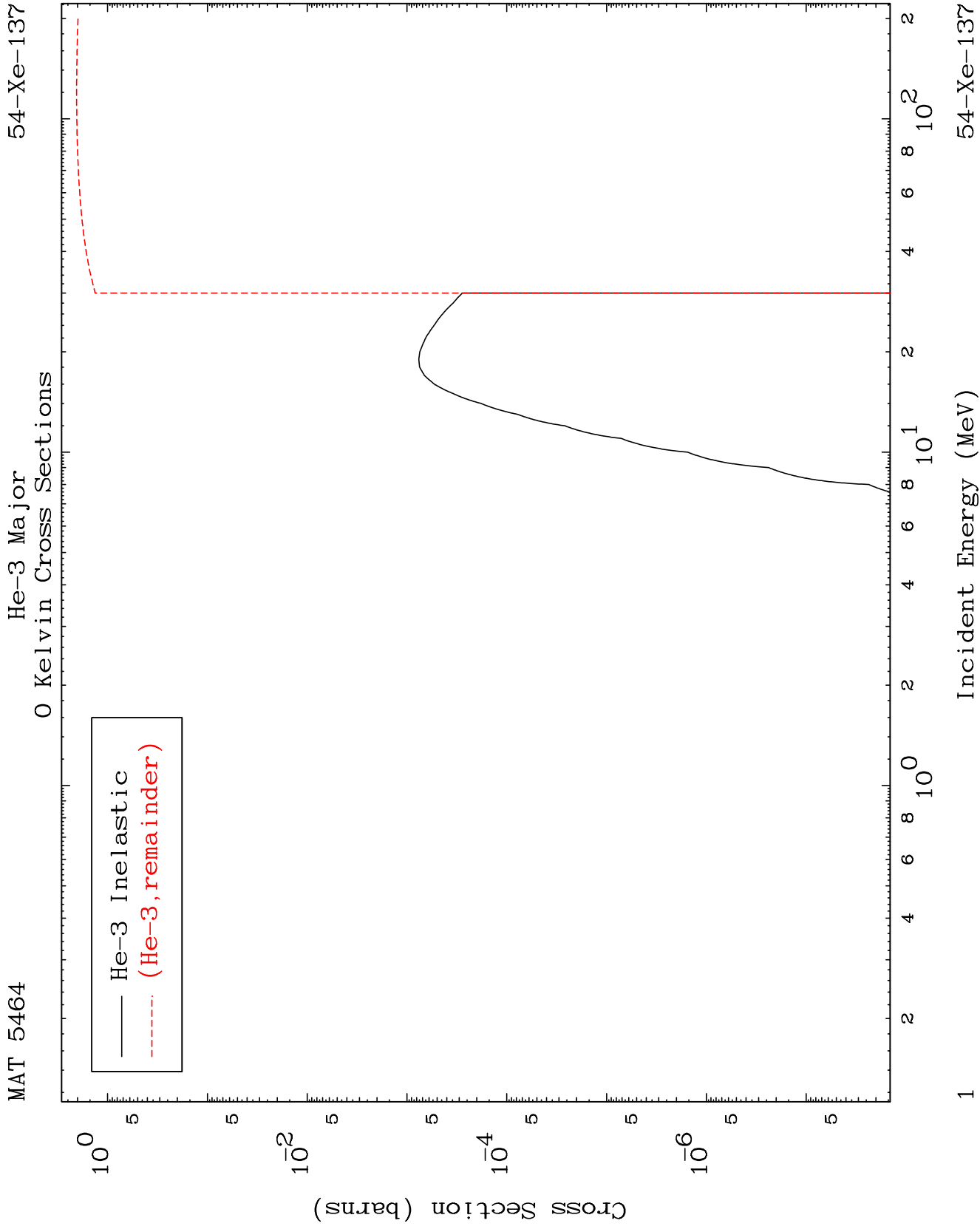
Dermott E. Cullen
(Present Contact Information)

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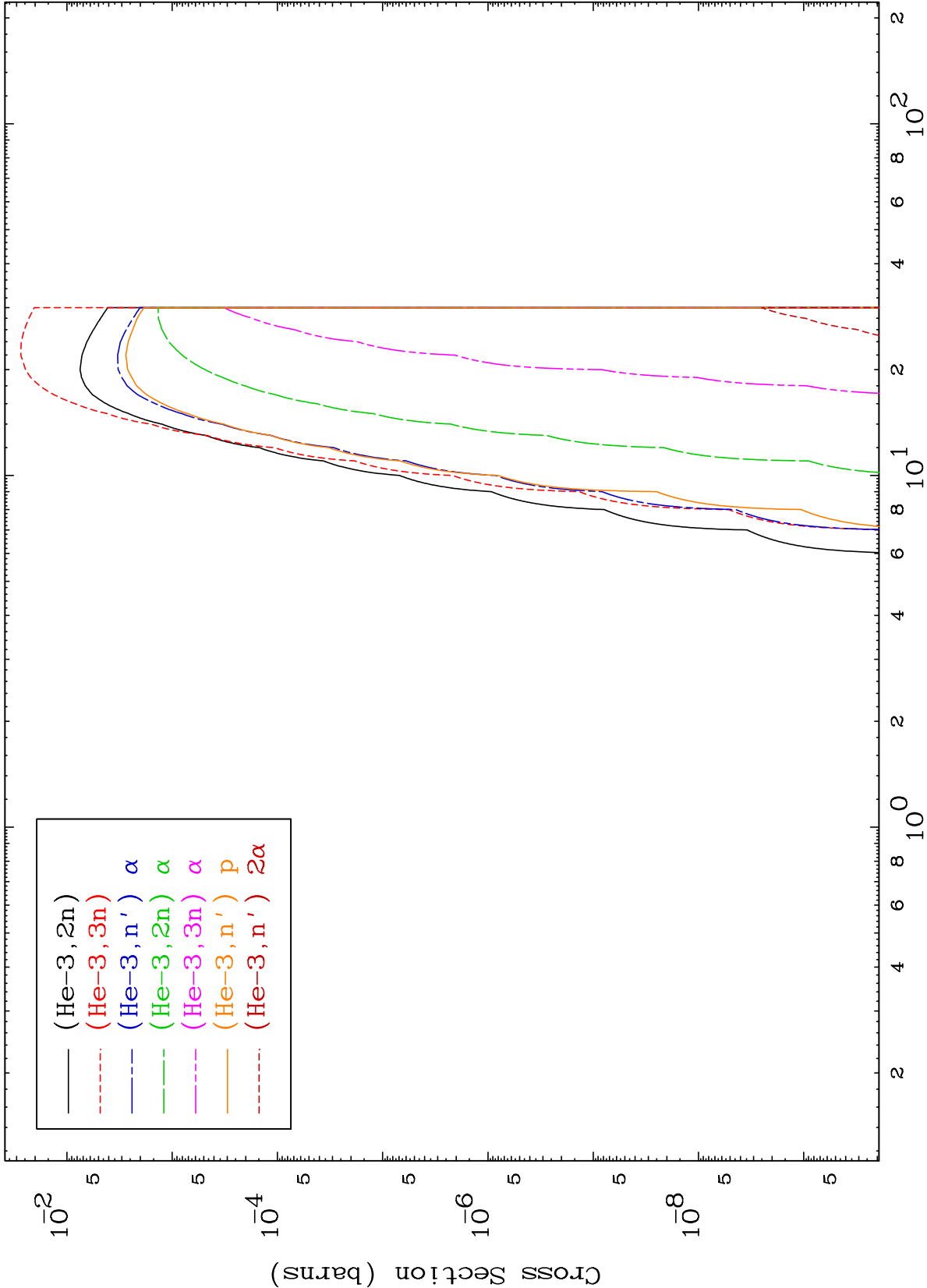
Press Mouse Button to Start

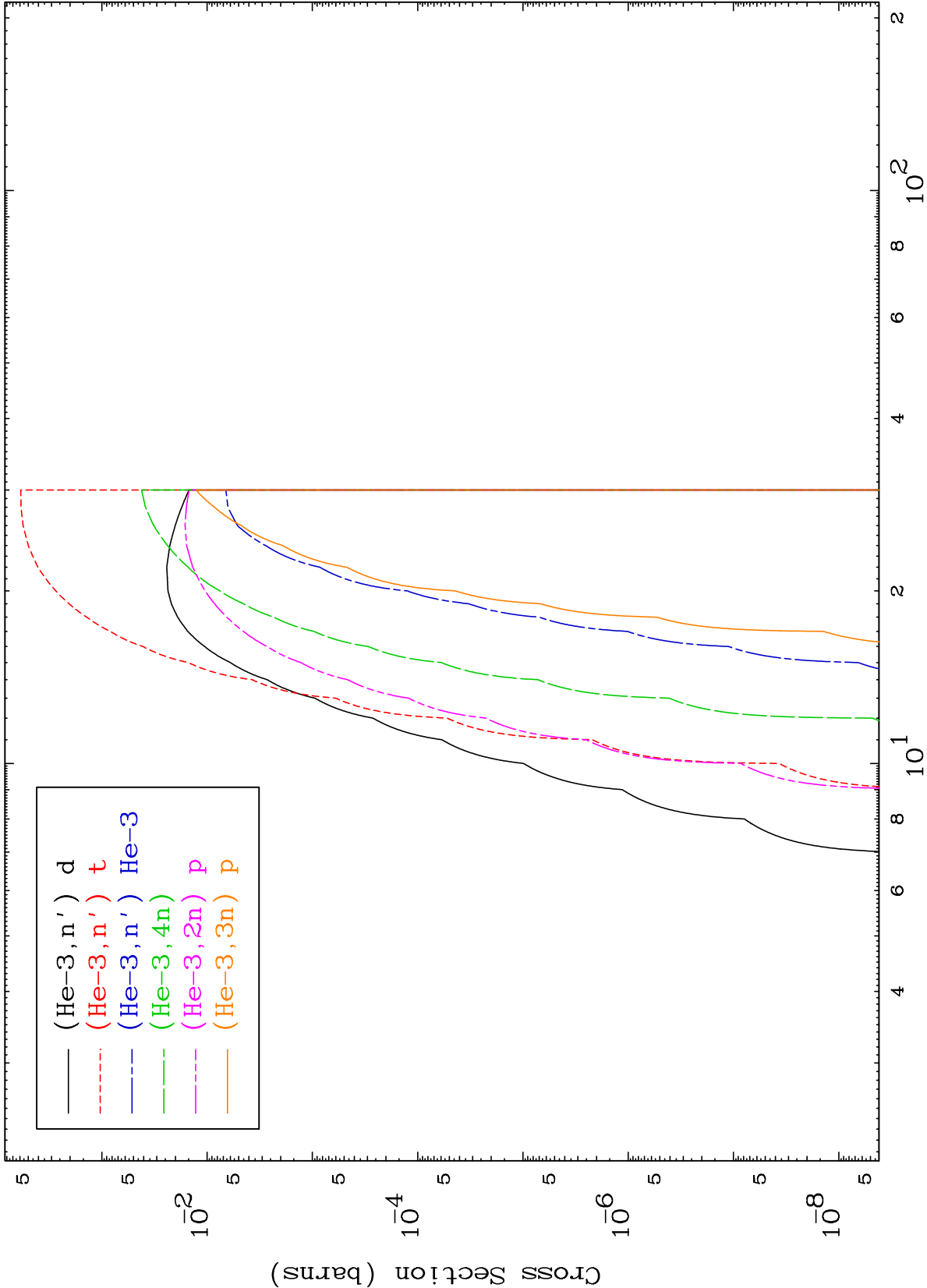


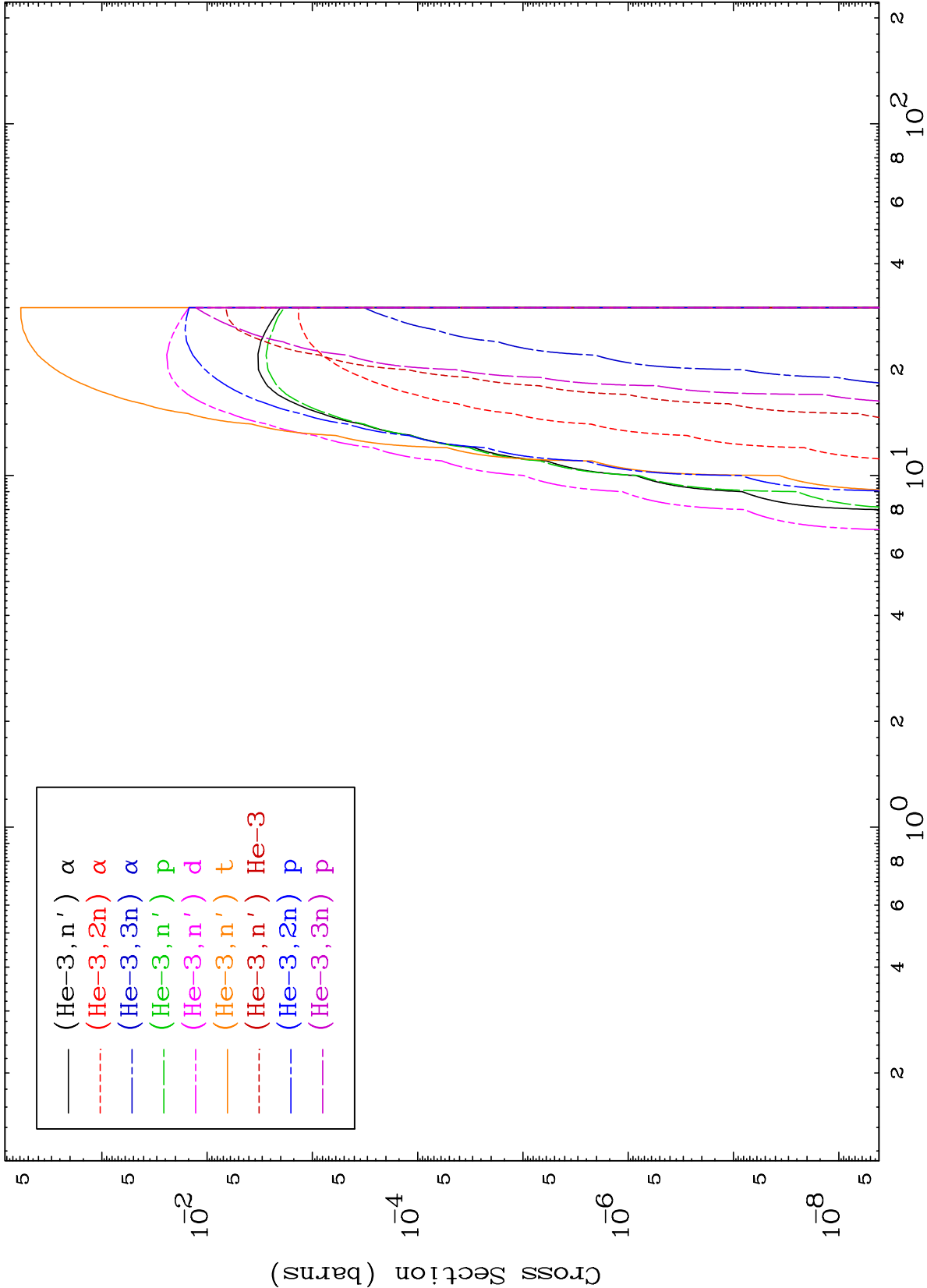
MAT 5464

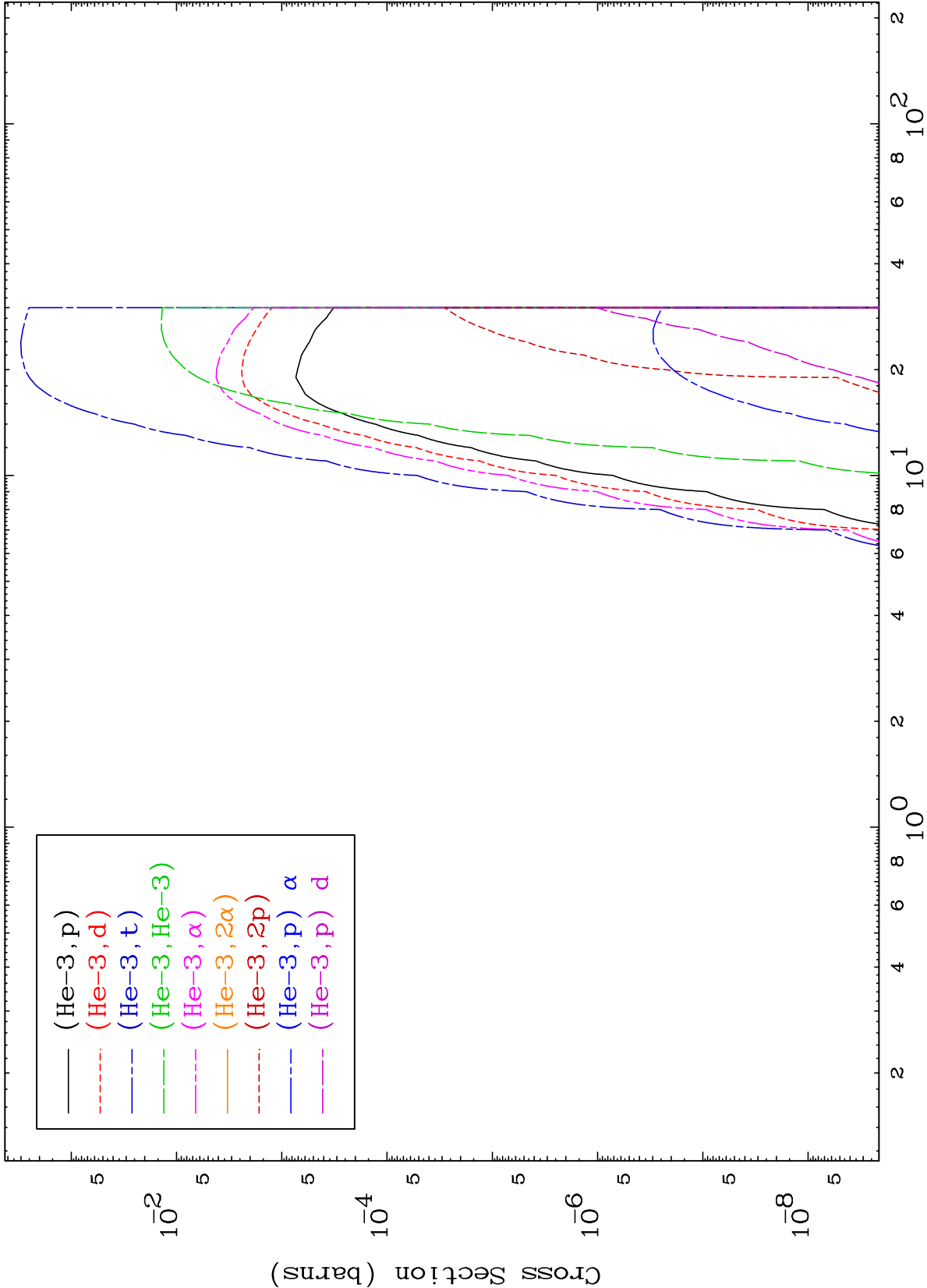
He-3 Neutron Production
0 Kelvin Cross Sections

54-Xe-137





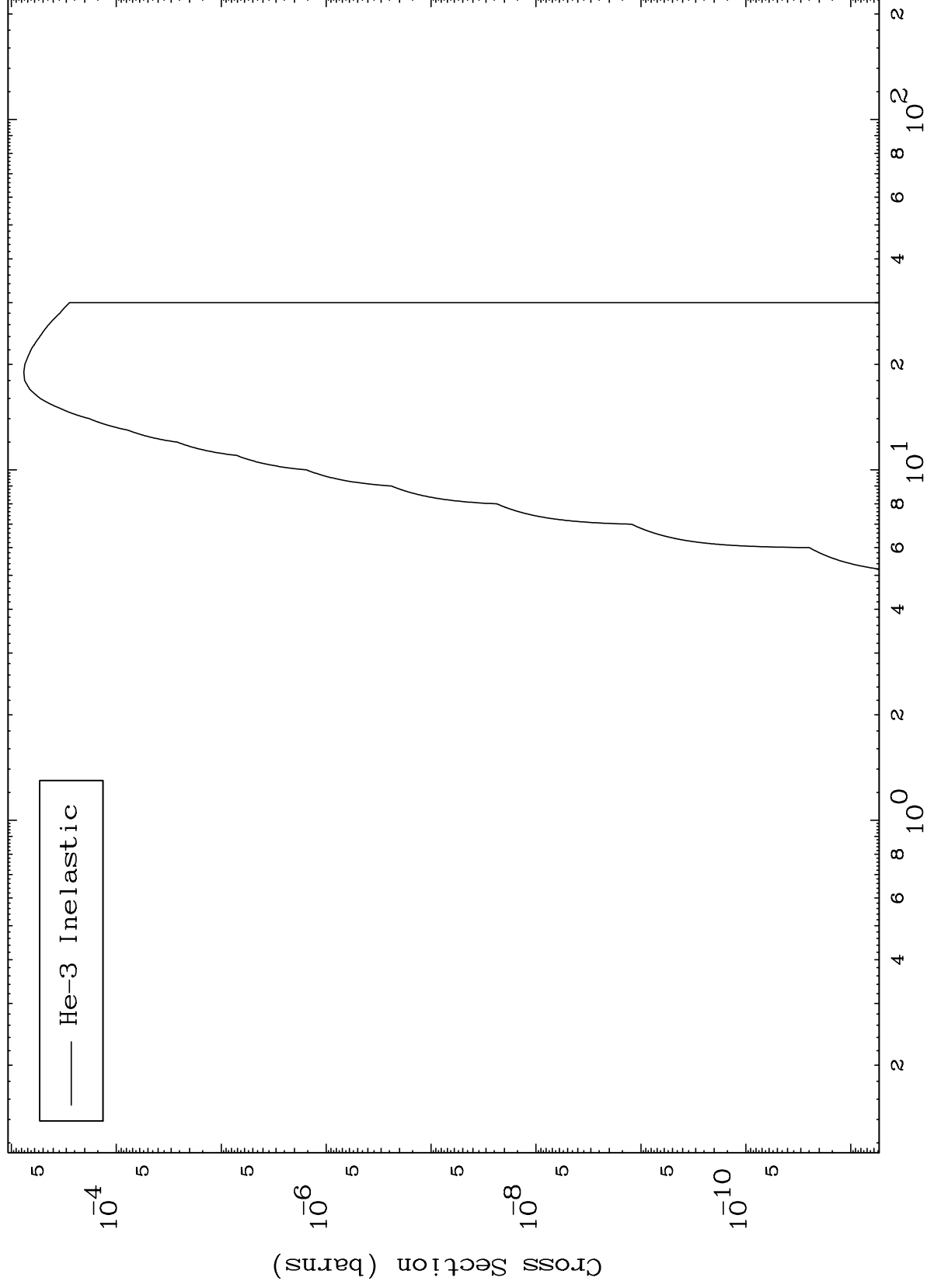




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54-Xe-137

(He-3,n') Level
0 Kelvin Cross Sections



6

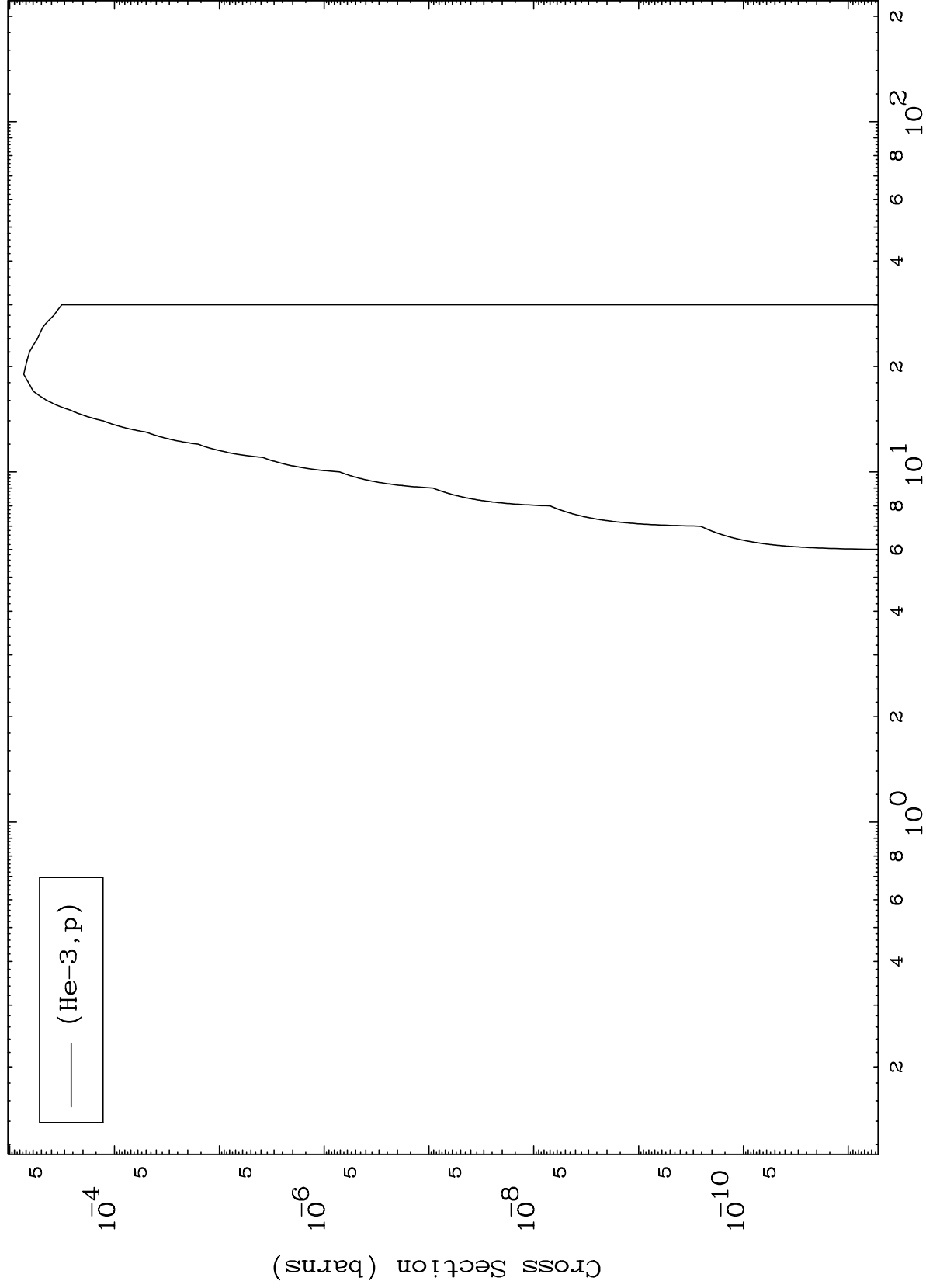
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

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



54-Xe-137

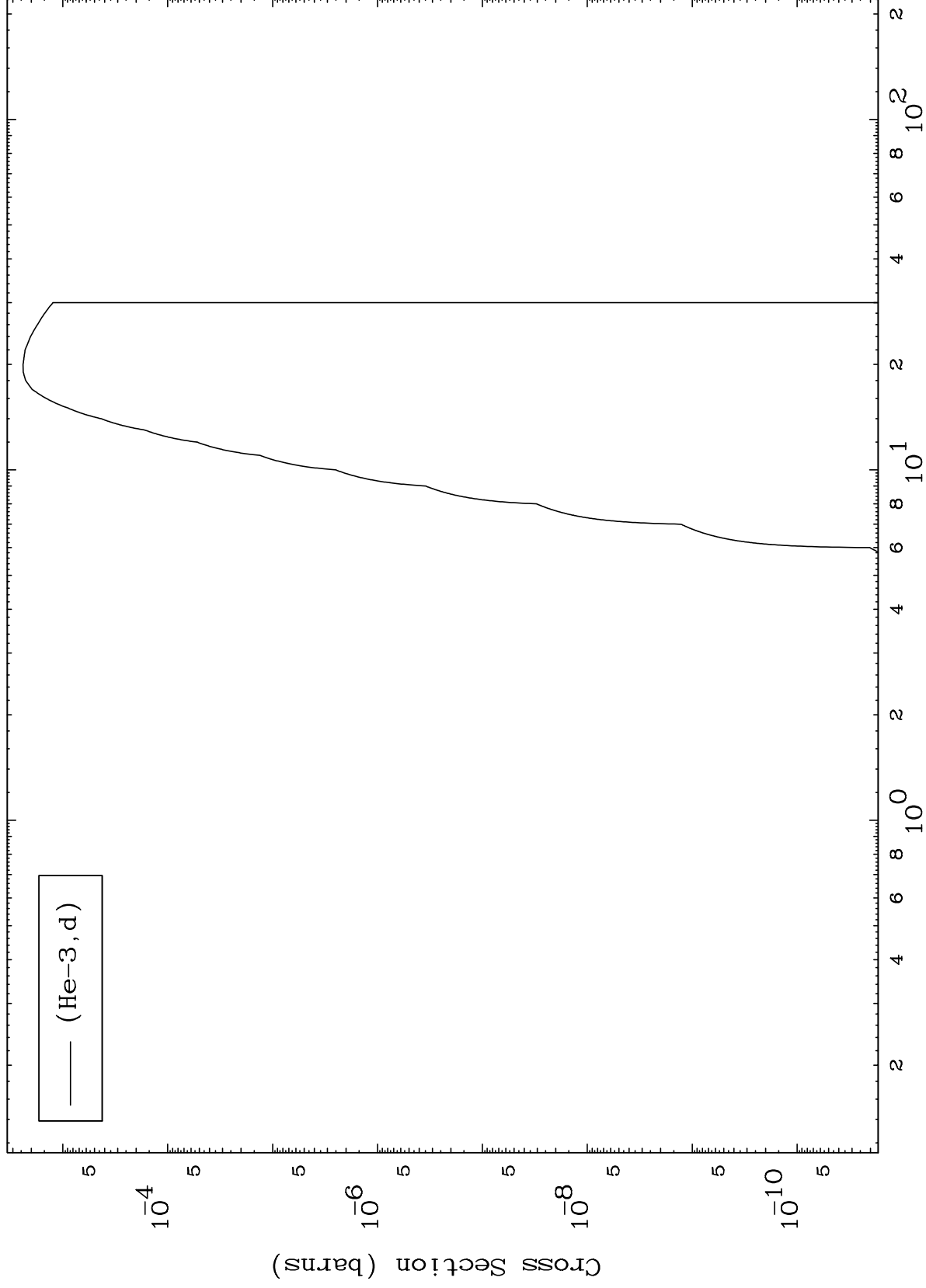
Incident Energy (MeV)

7

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54-Xe-137

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

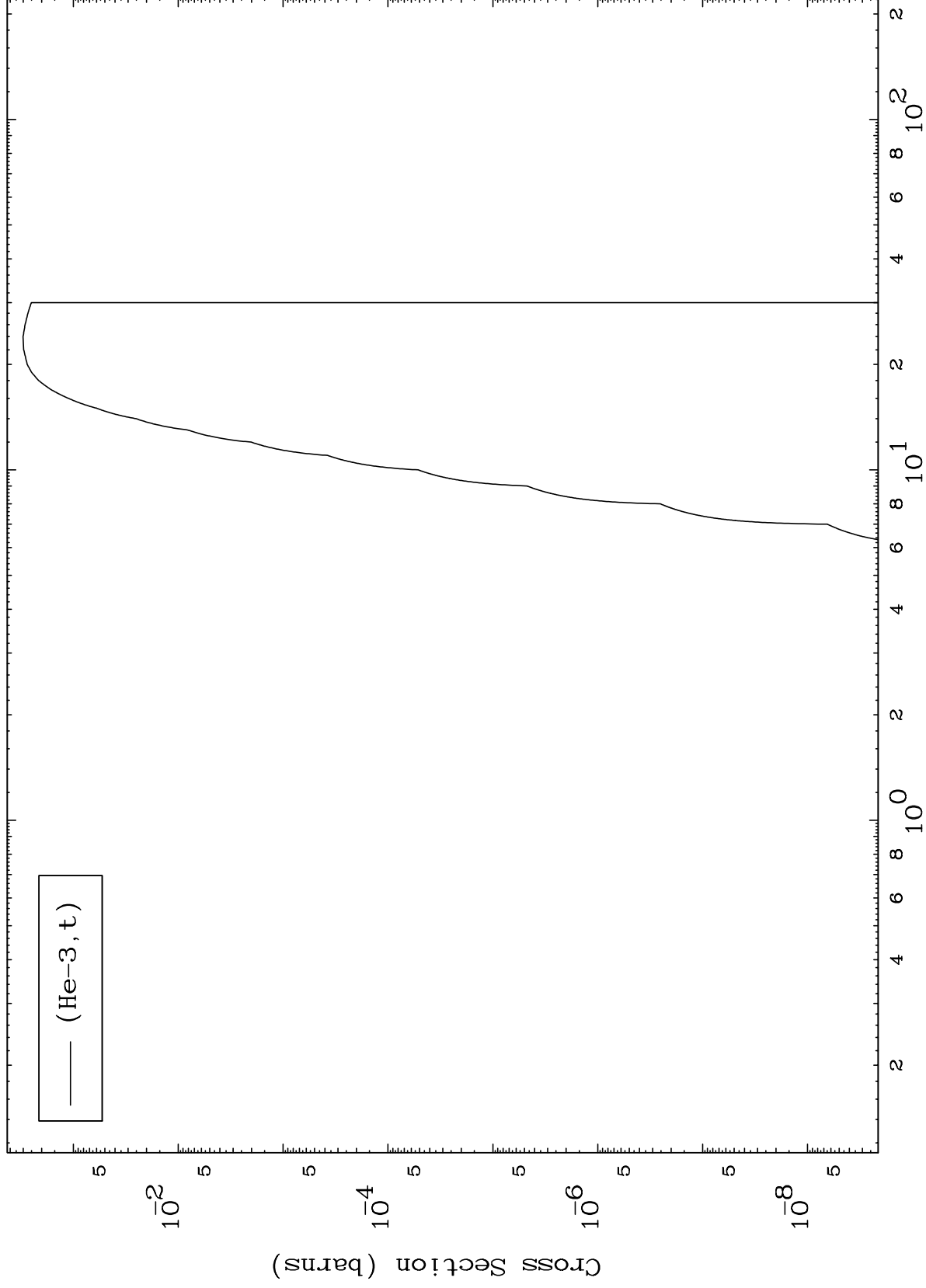


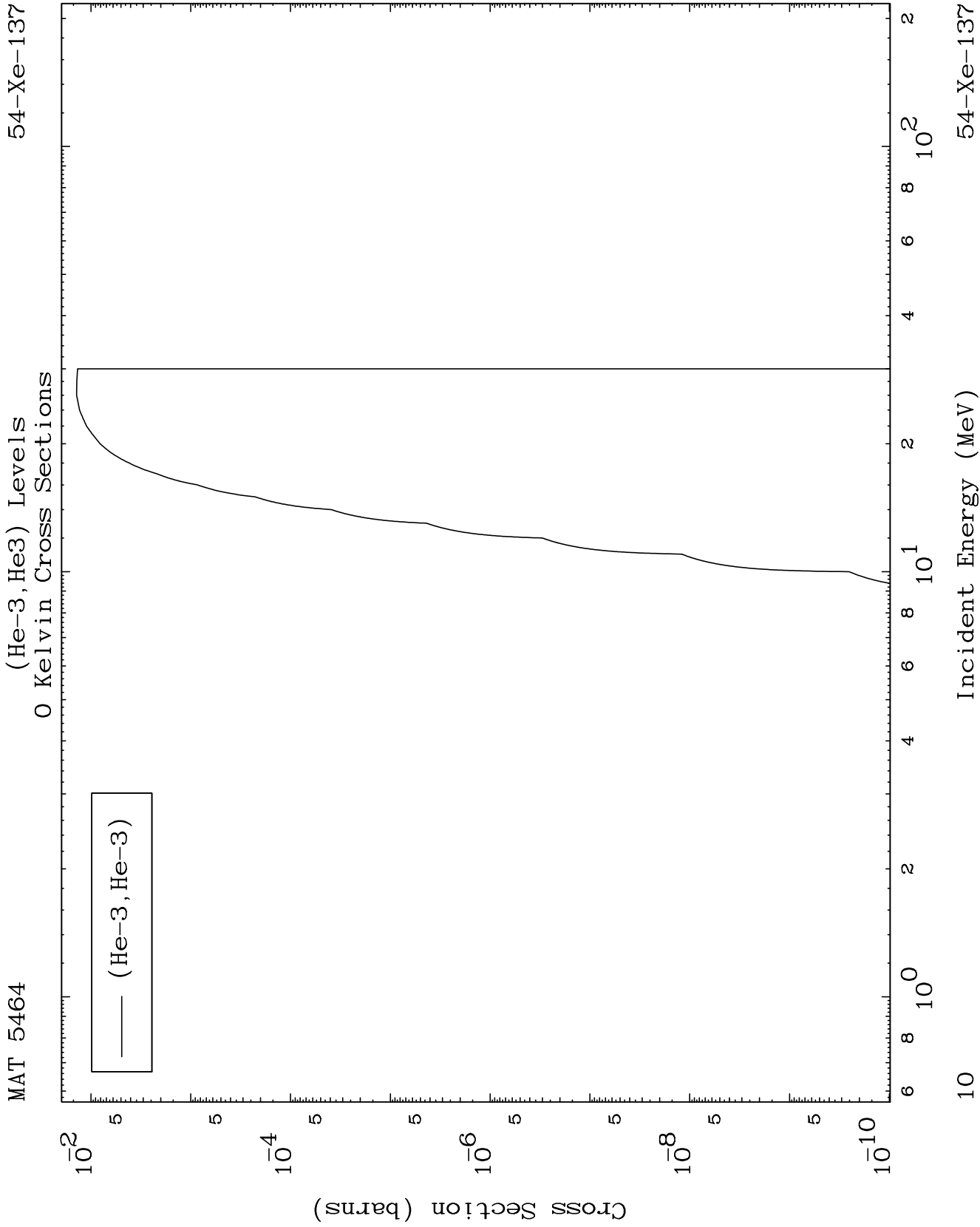
54-Xe-137

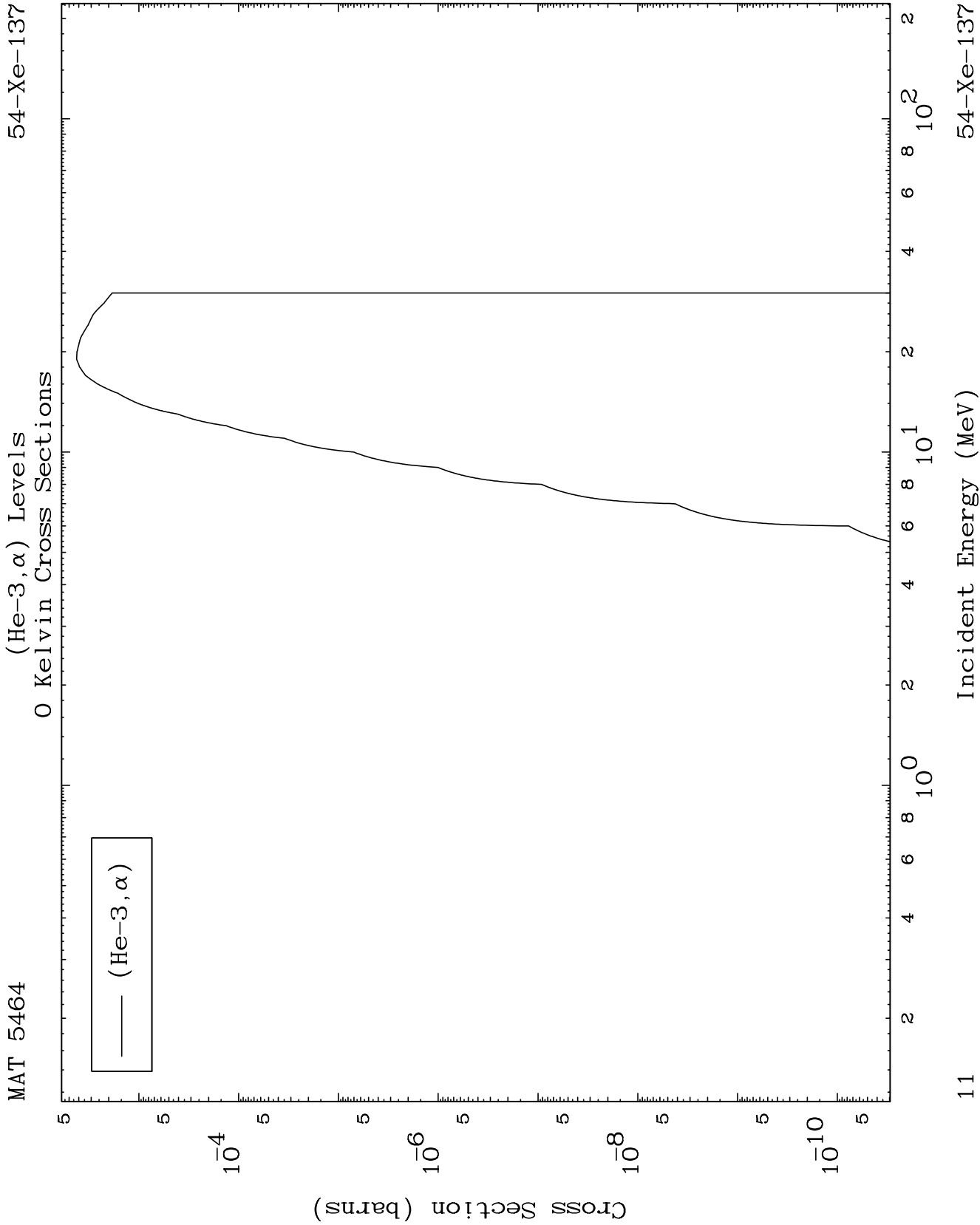
Incident Energy (MeV)

8

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





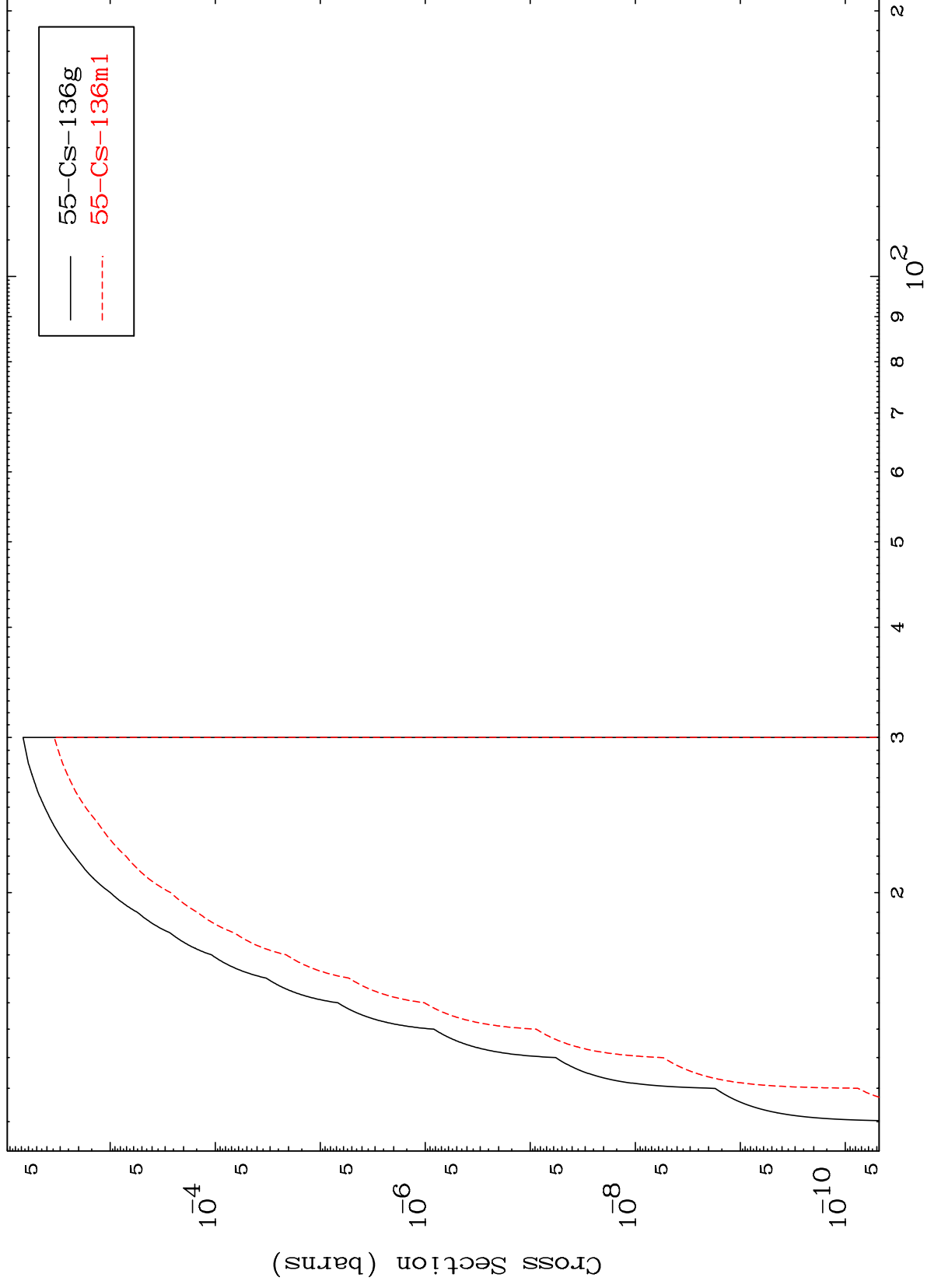


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(He-3,2n) d

54-Xe-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

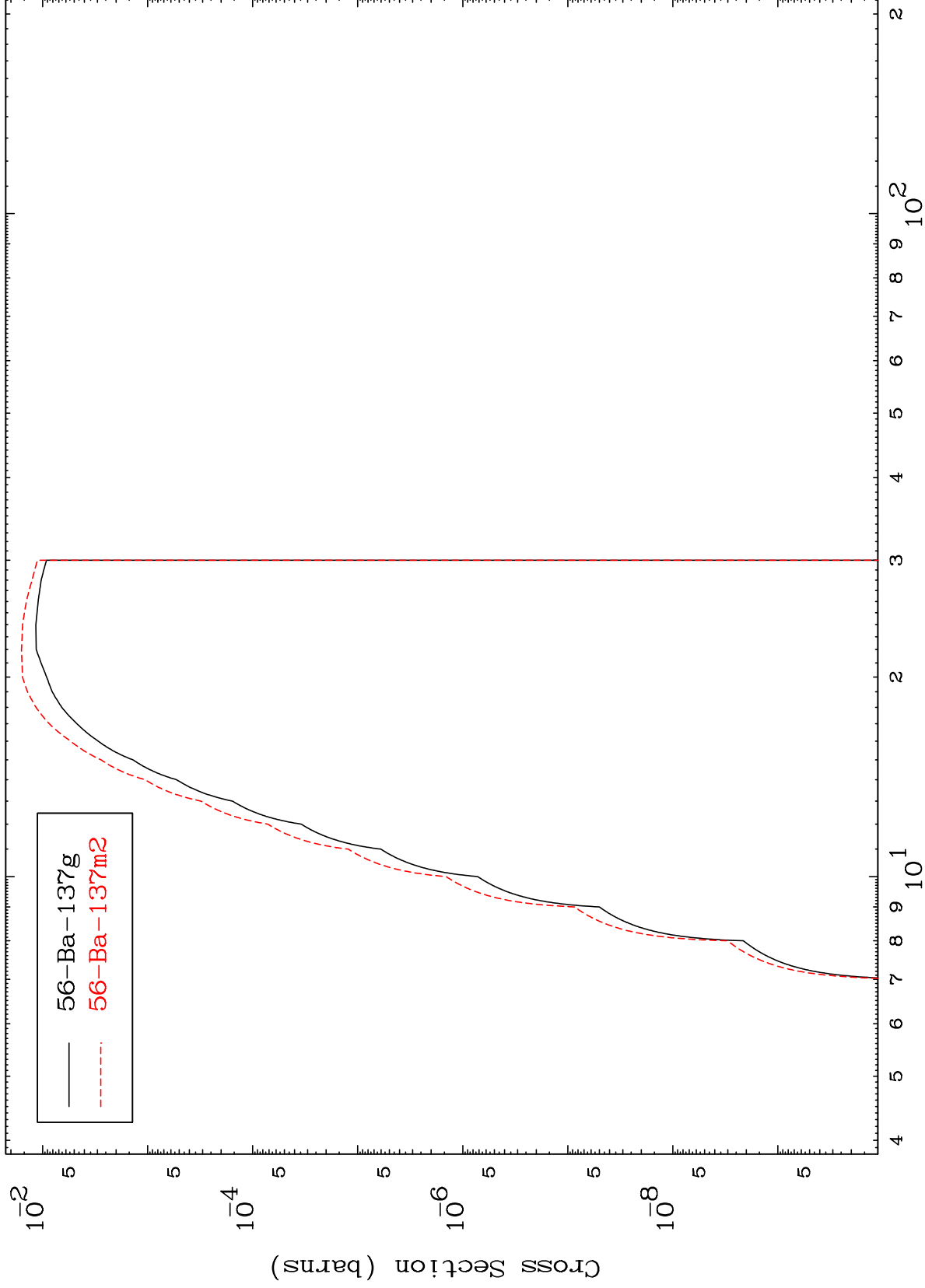
54-Xe-137

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(He-3,3n)

54-Xe-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

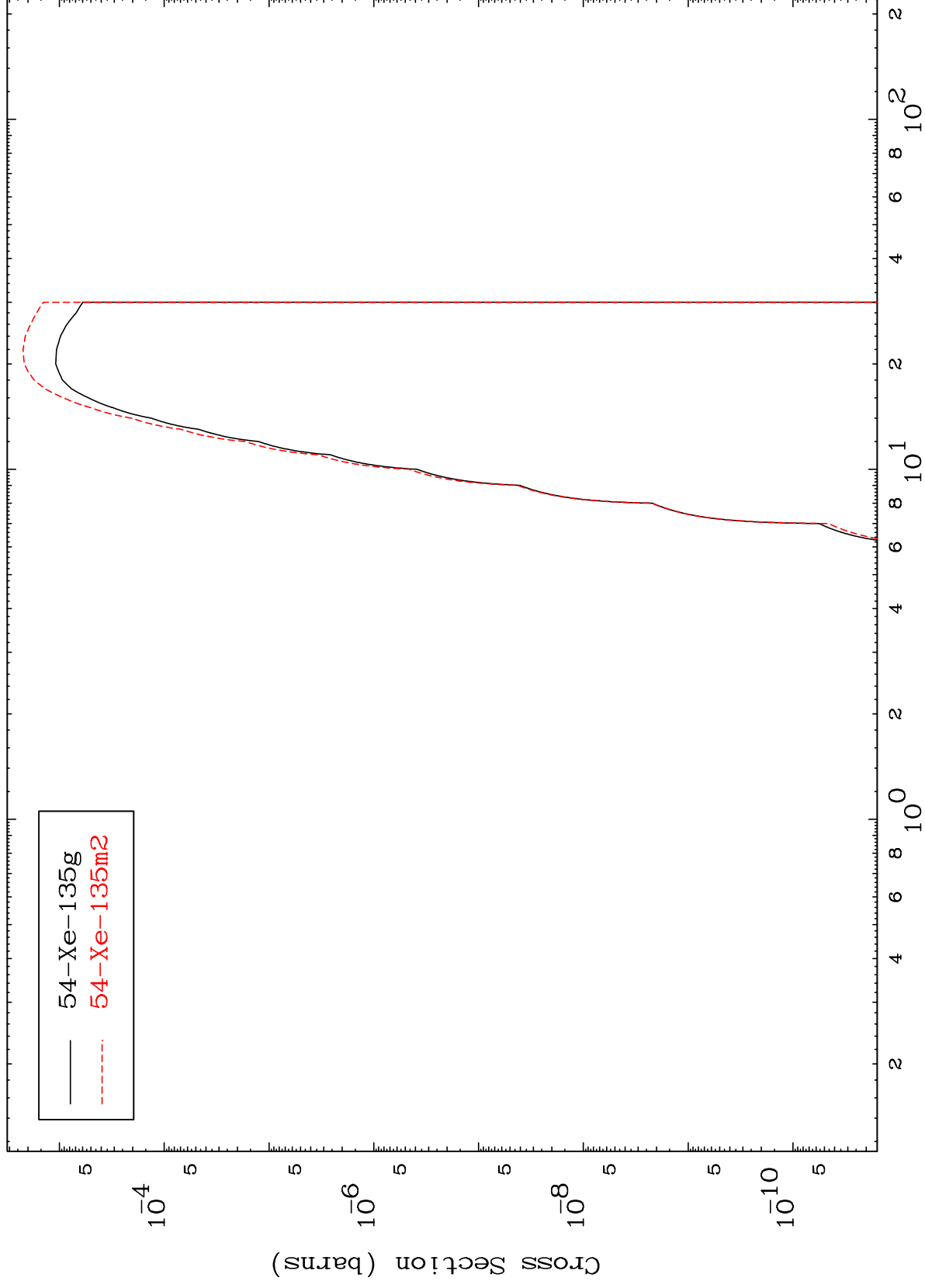
54-Xe-137

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(He-3,n') α

54-Xe-137

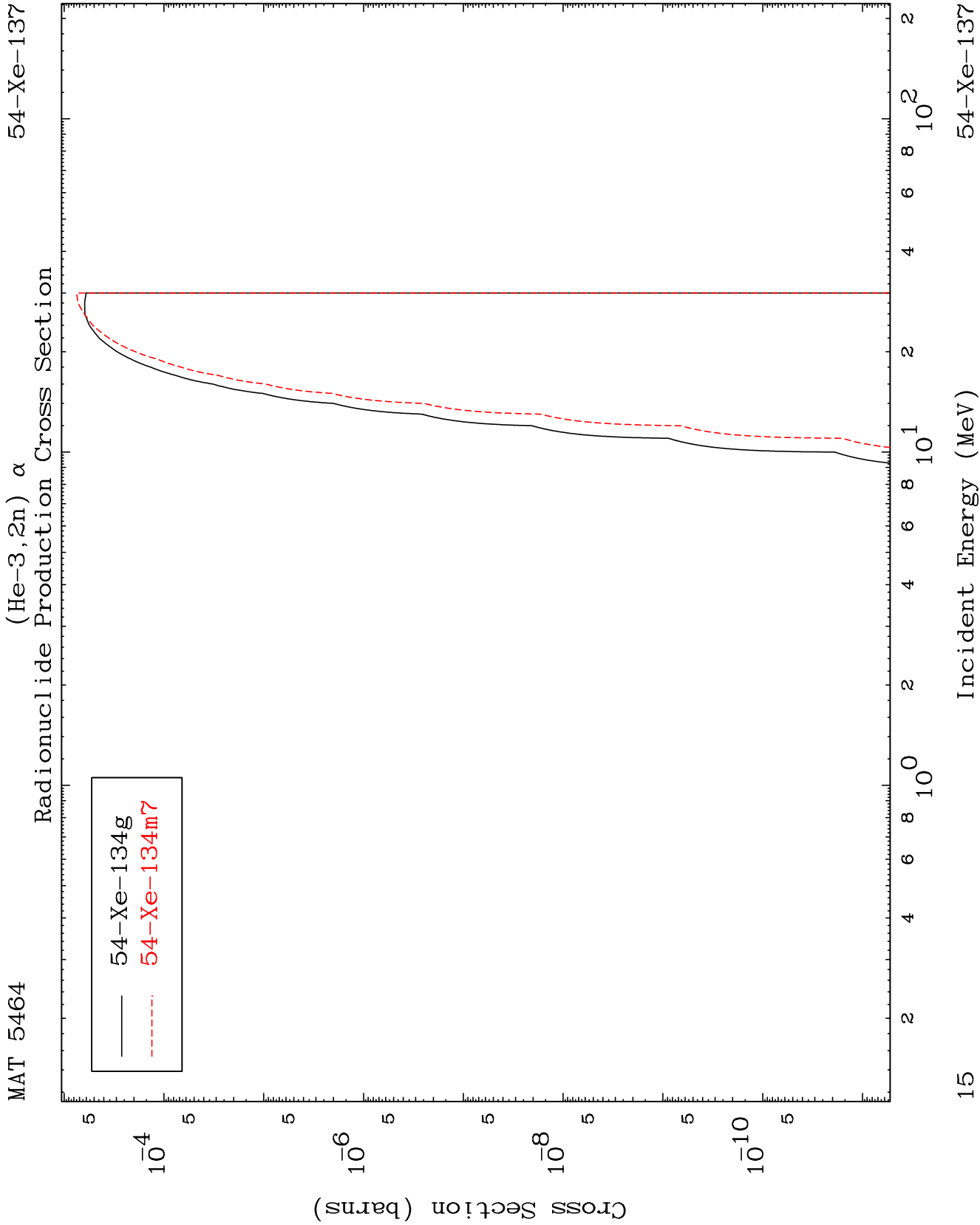
Radionuclide Production Cross Section



14

Incident Energy (MeV)

54-Xe-137

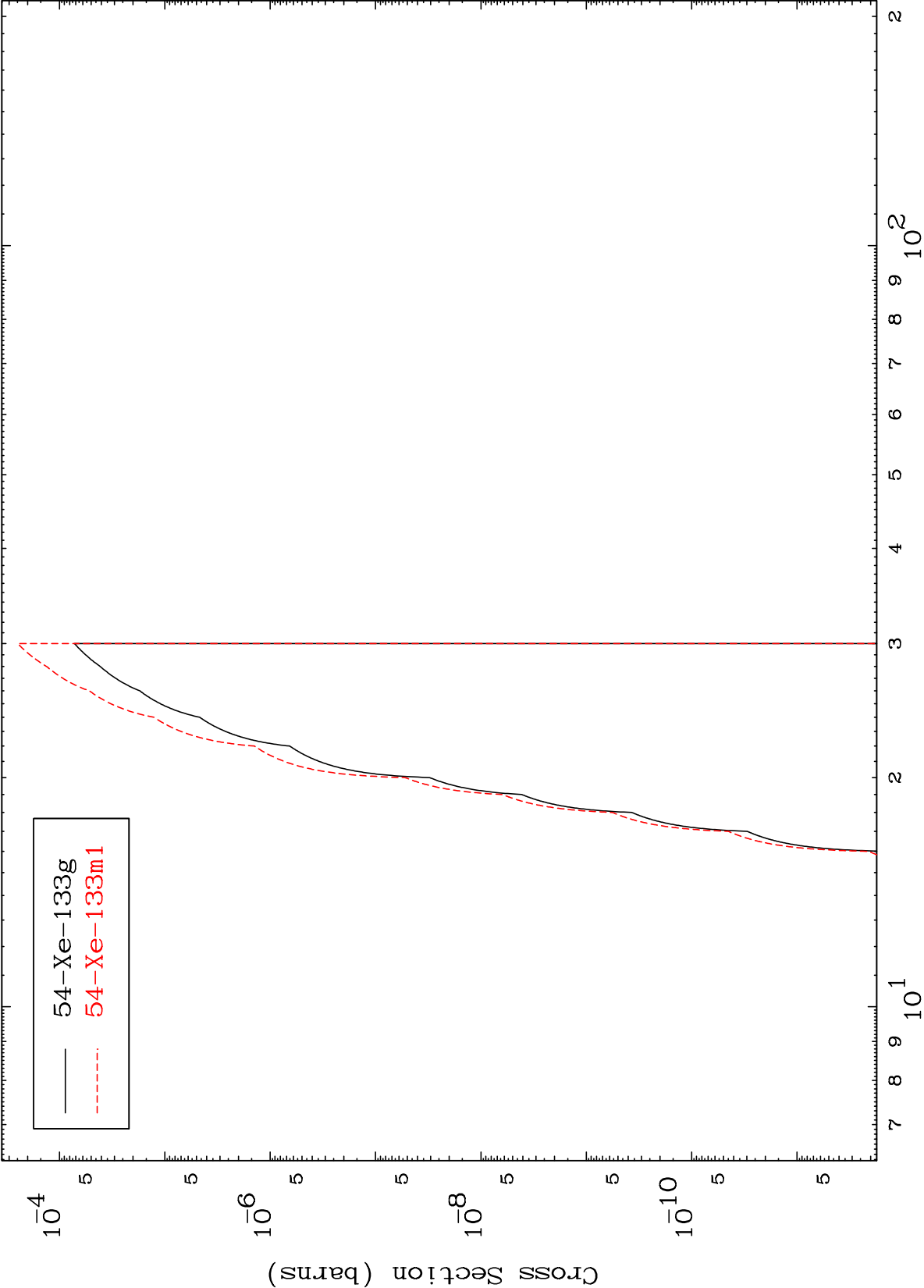


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(He-3,3n) α

54-Xe-137

Radionuclide Production Cross Section



16

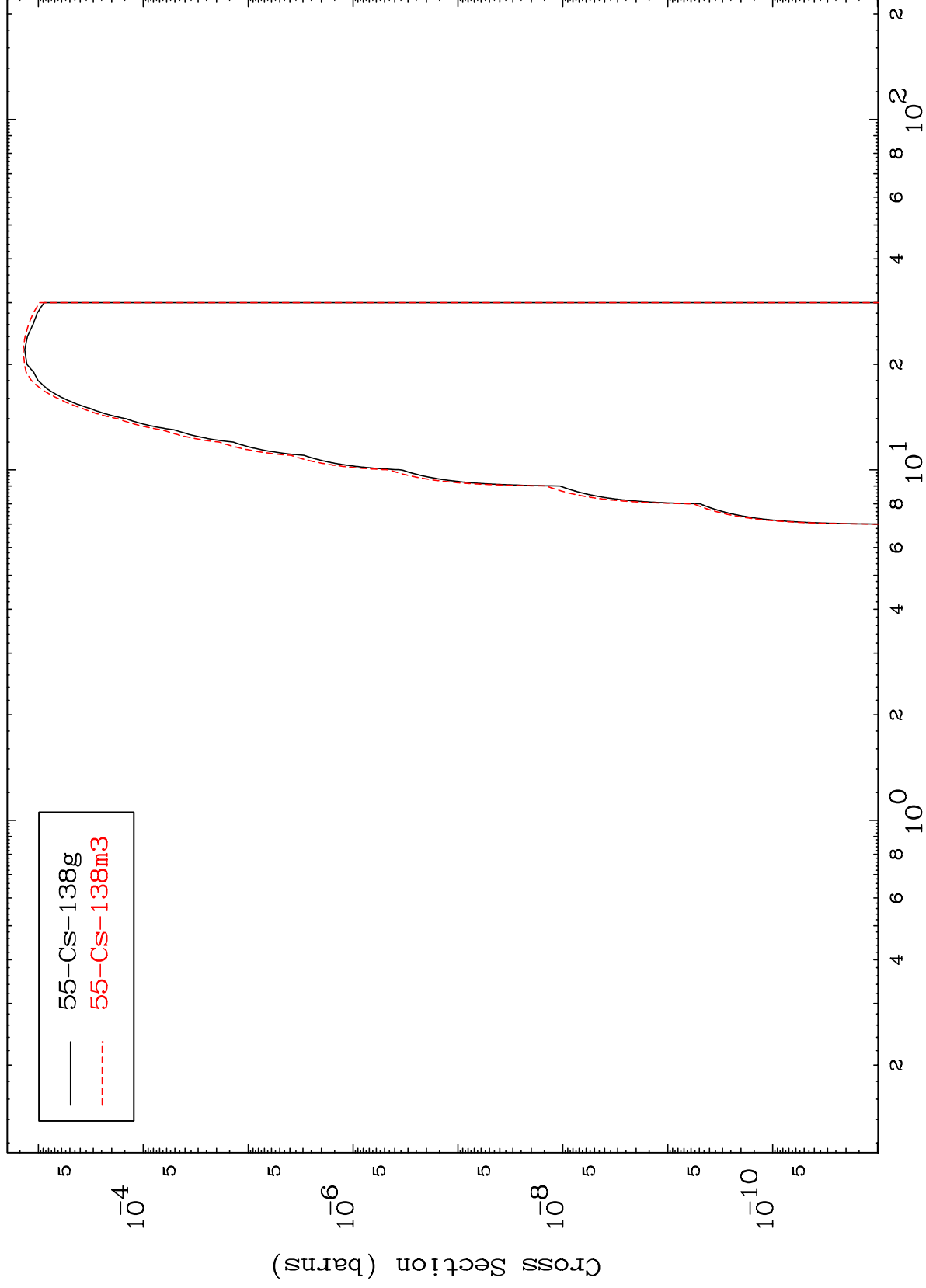
Incident Energy (MeV)

54-Xe-137

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54-Xe-137

(He-3,n') p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

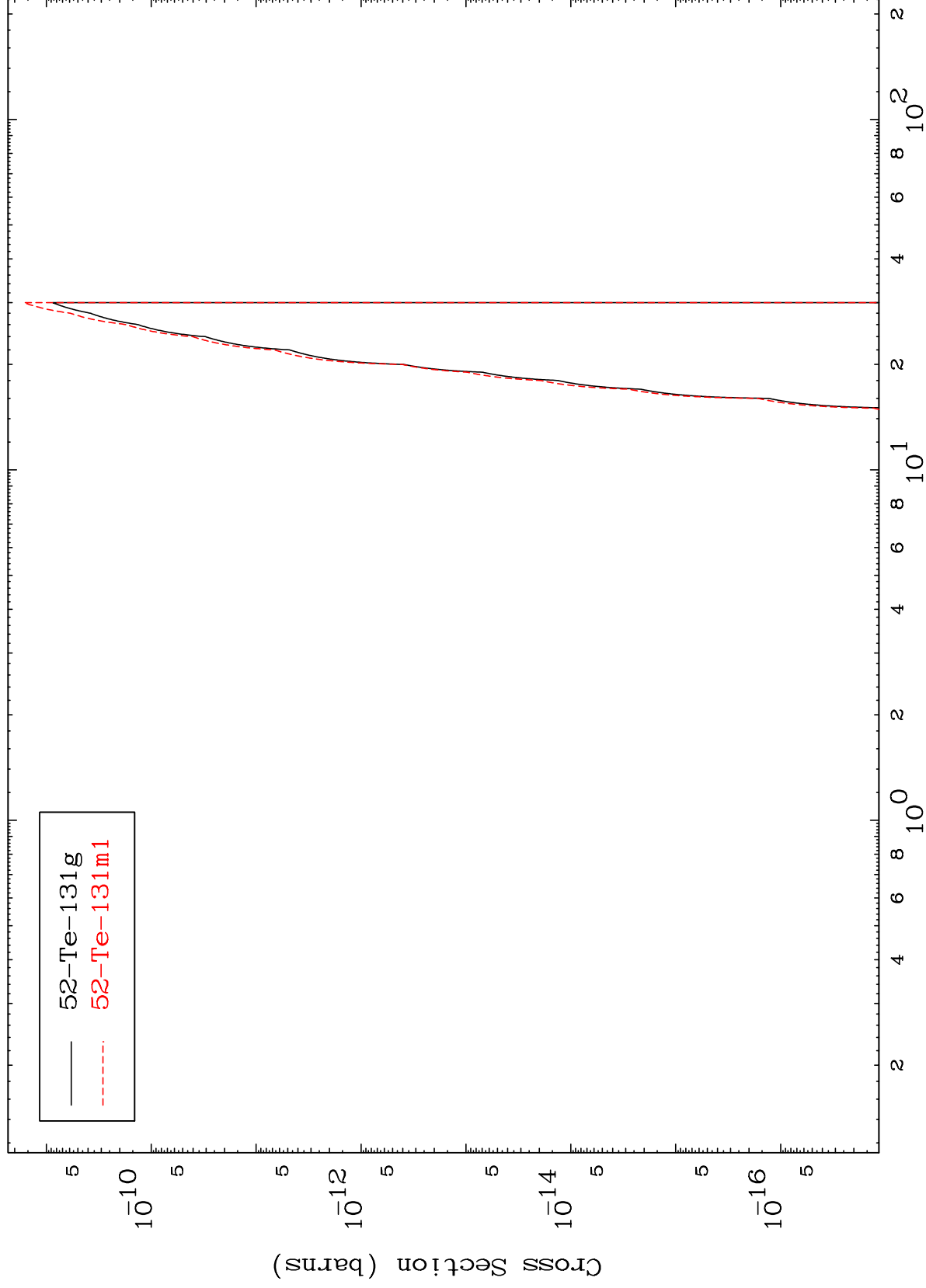
54-Xe-137

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(He-3,n') 2 α

54-Xe-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

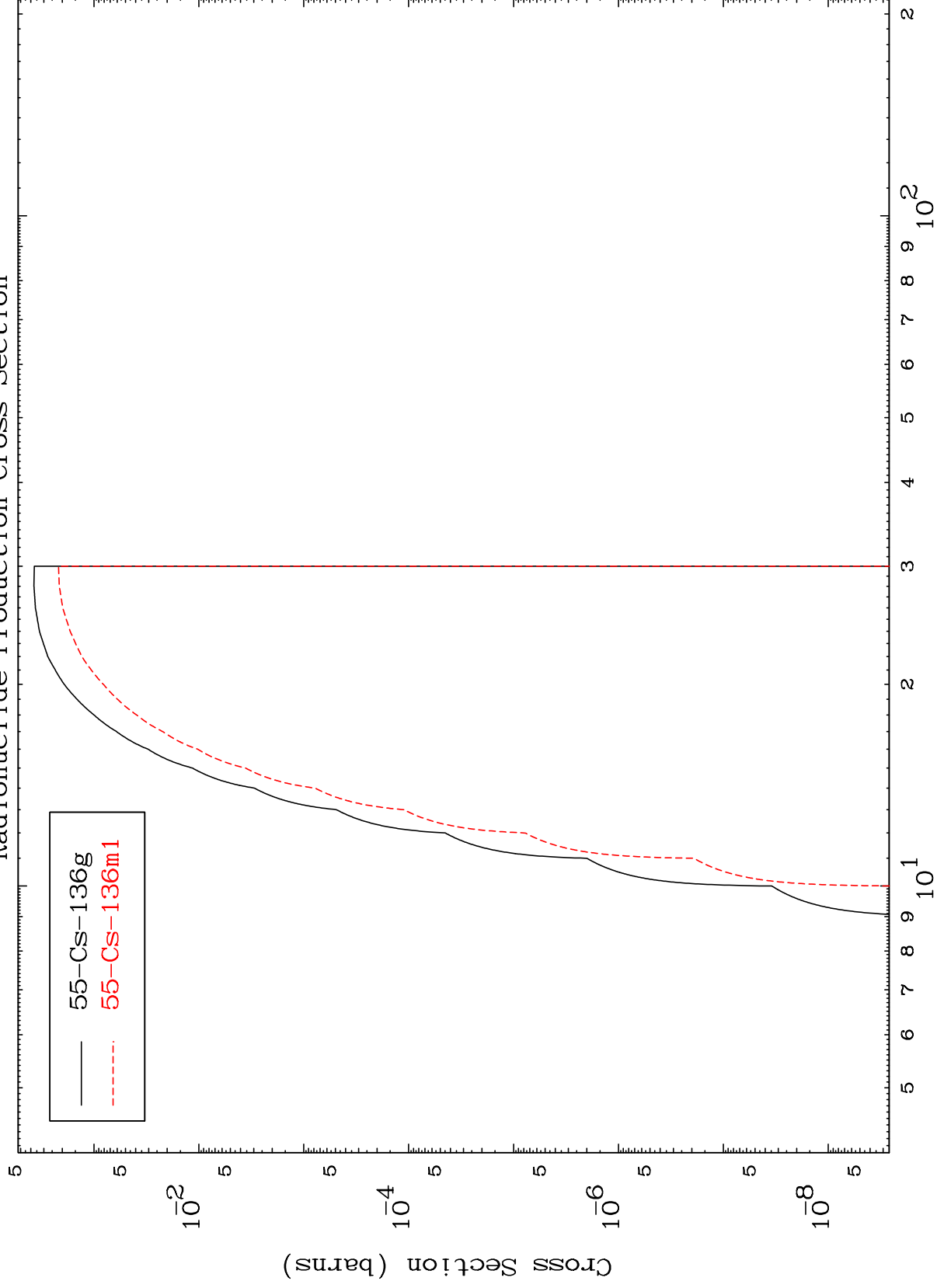
54-Xe-137

MAT 5464

(He-3,n') t

54-Xe-137

Radionuclide Production Cross Section

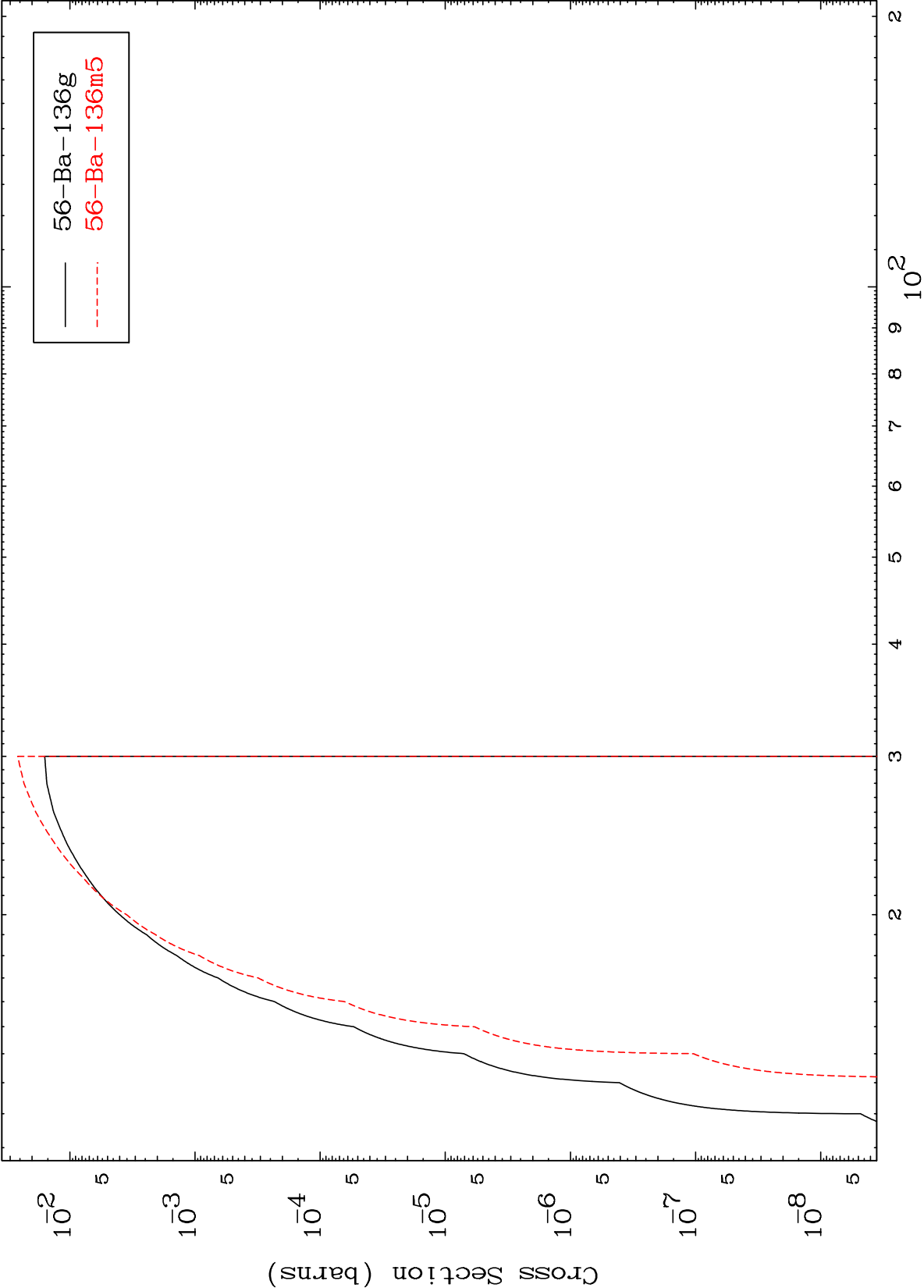


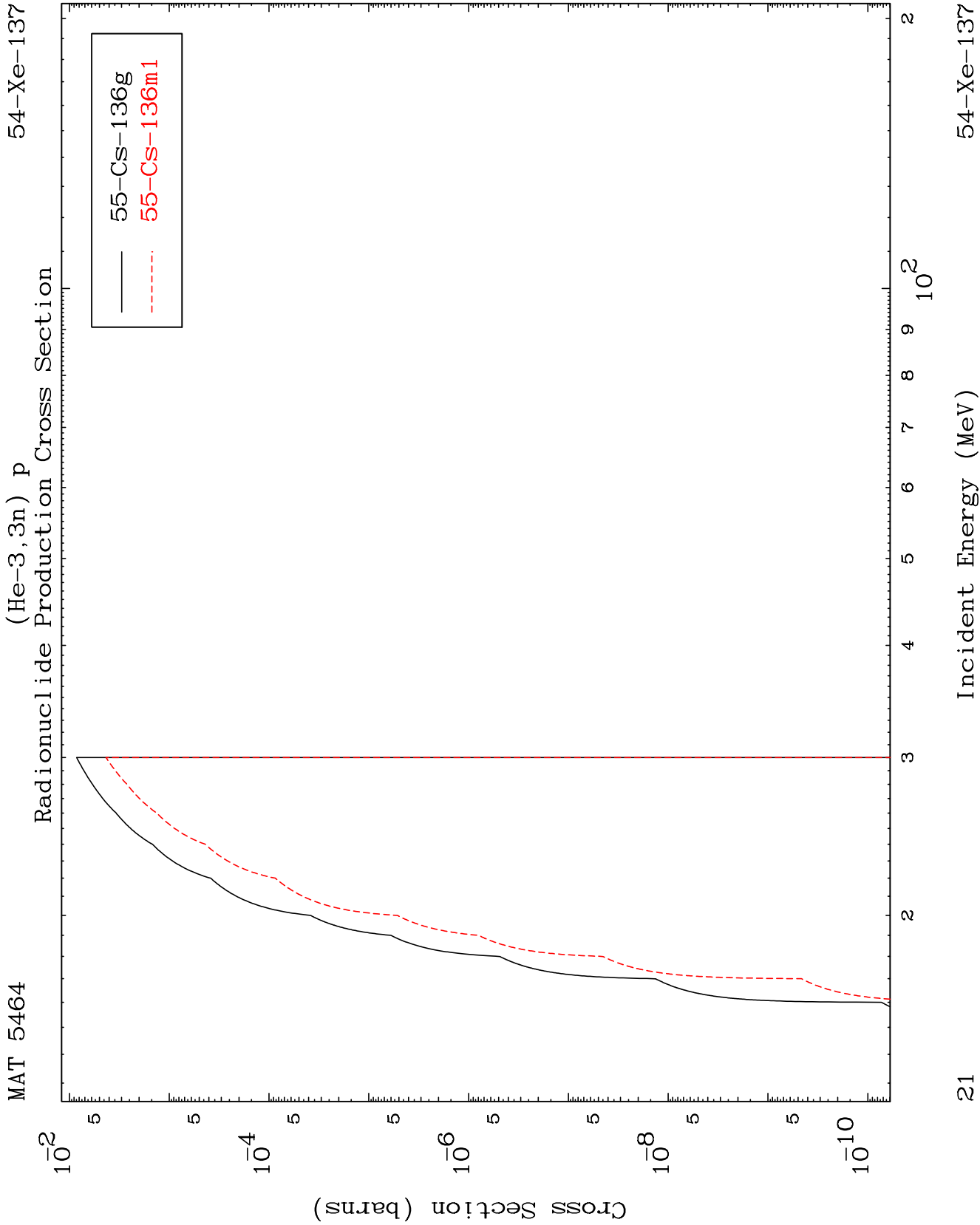
19

Incident Energy (MeV)

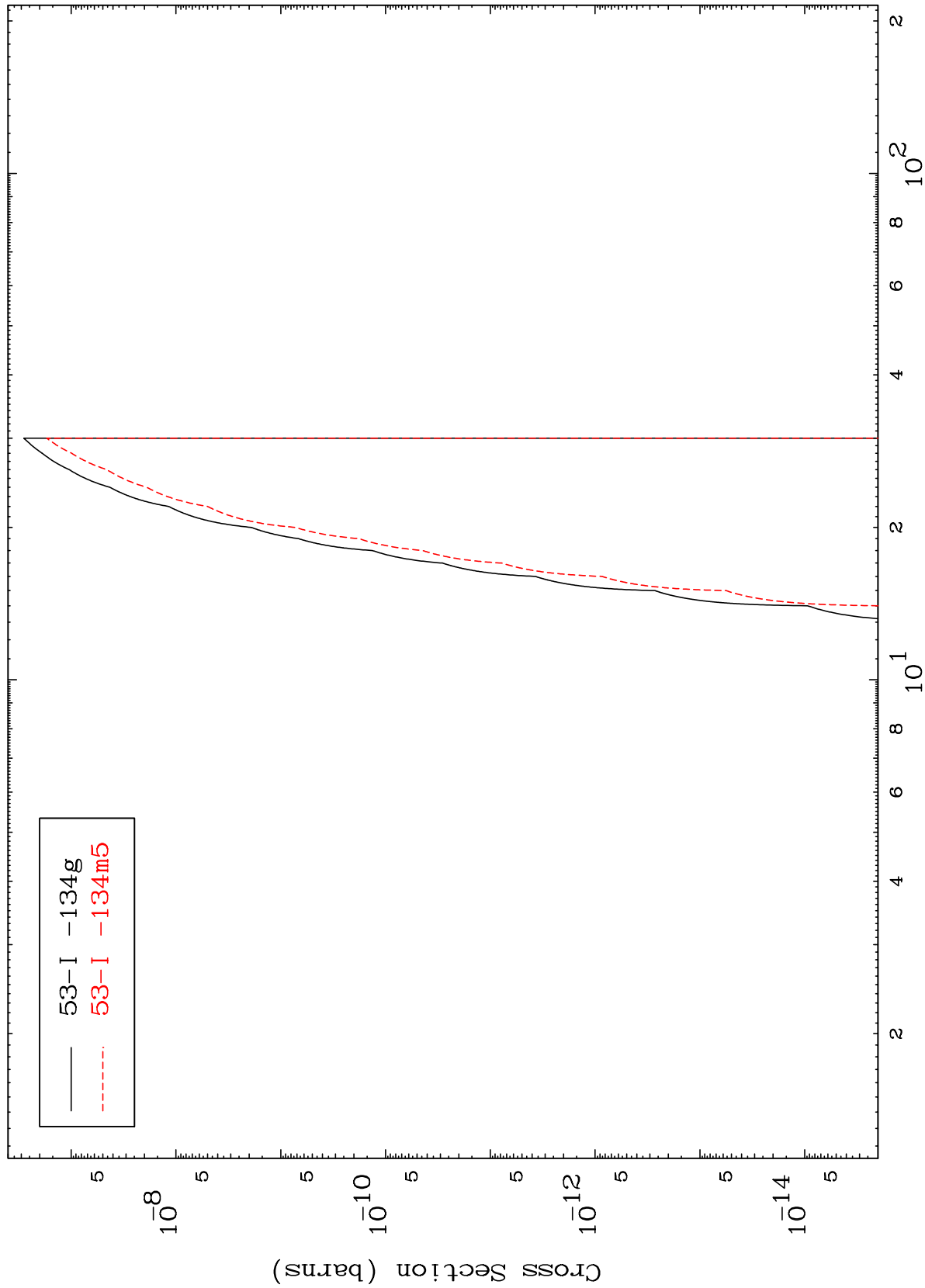
54-Xe-137

Radionuclide Production Cross Section

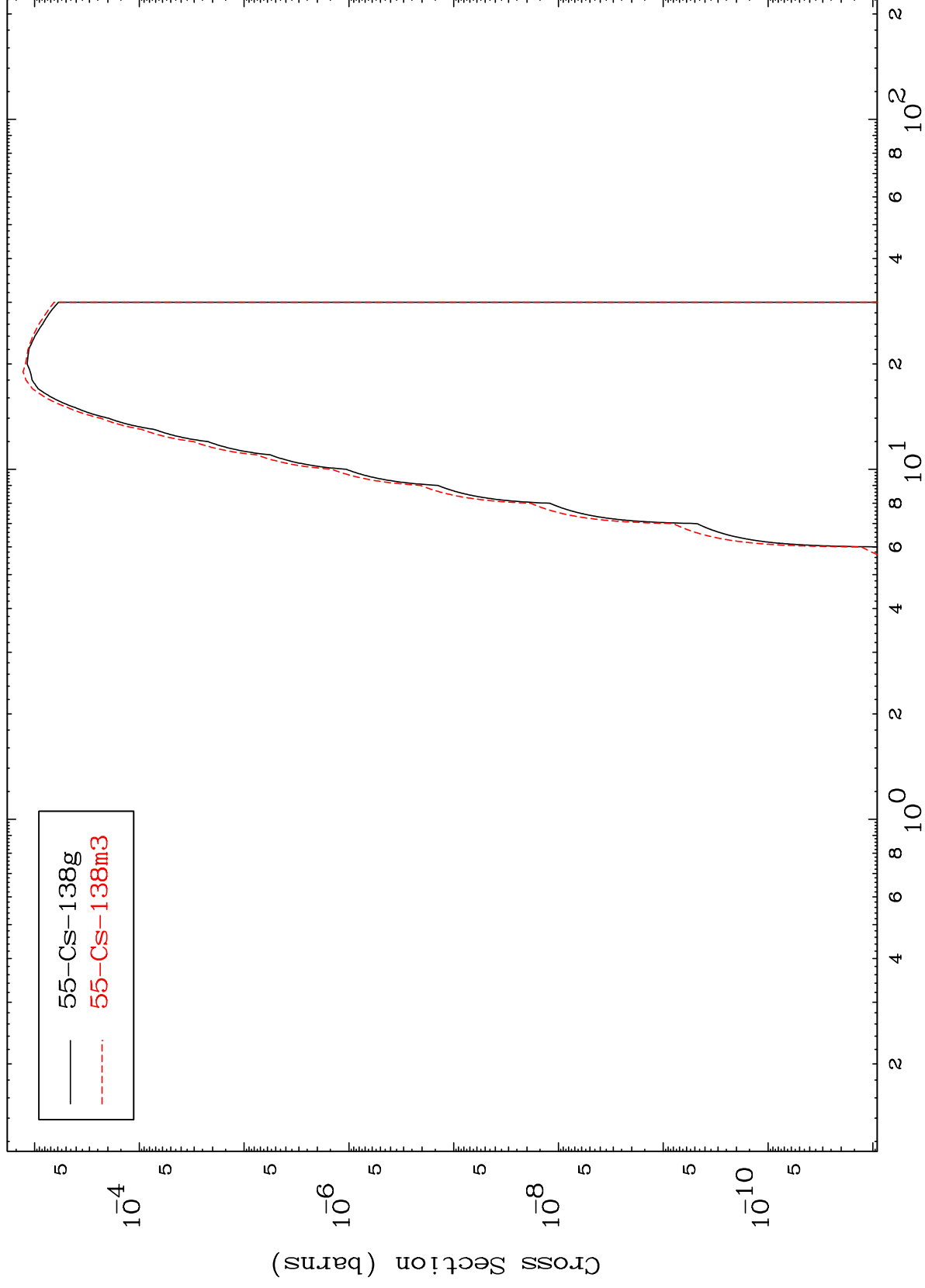




Radionuclide Production Cross Section
(He-3,n') p α



Radionuclide Production Cross Section
(He-3,d)

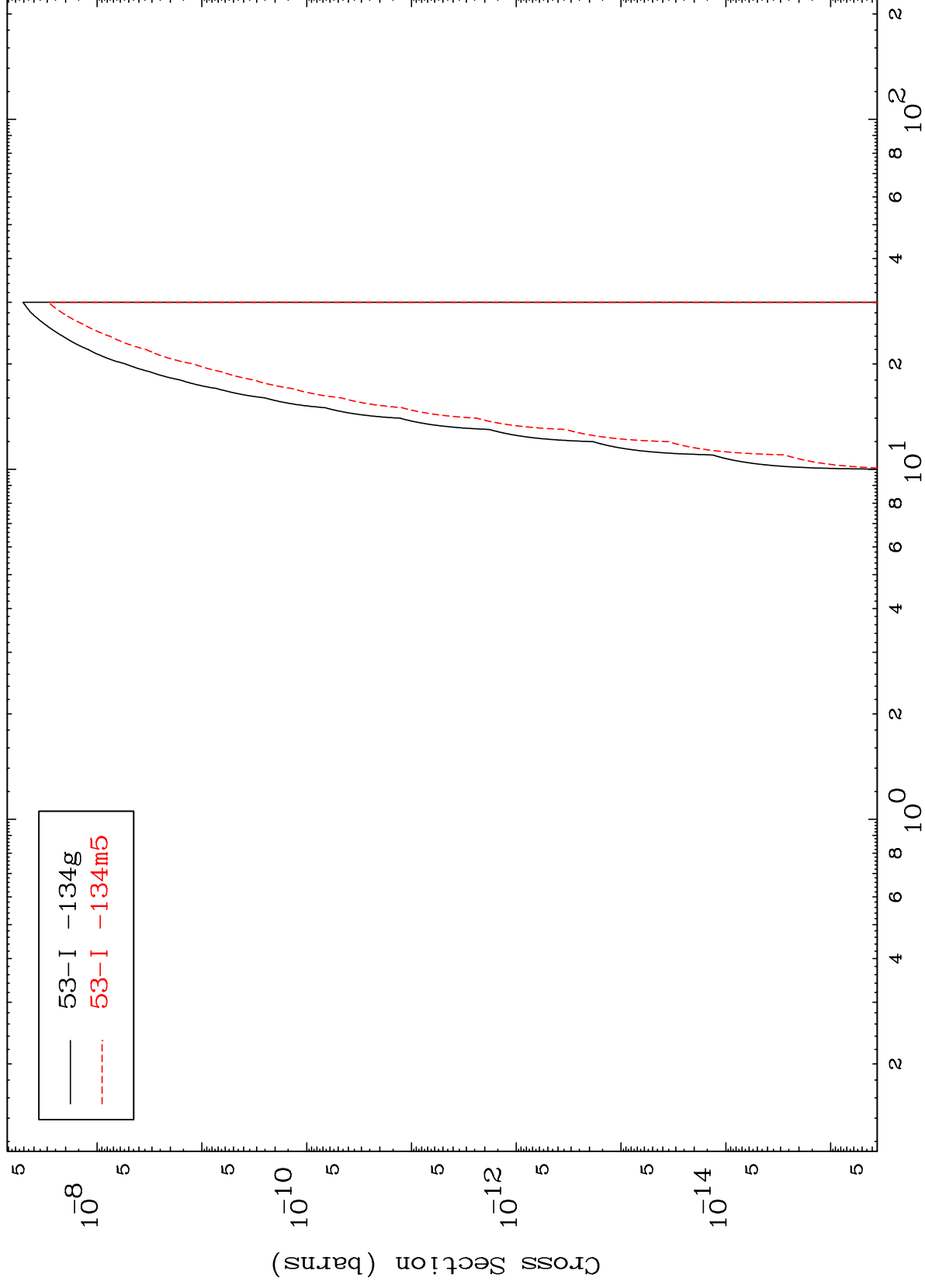


MAT 5464

(He-3,d) α

54-Xe-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

54-Xe-137