

Program EVALPLOT
(Version 2018-1)

by

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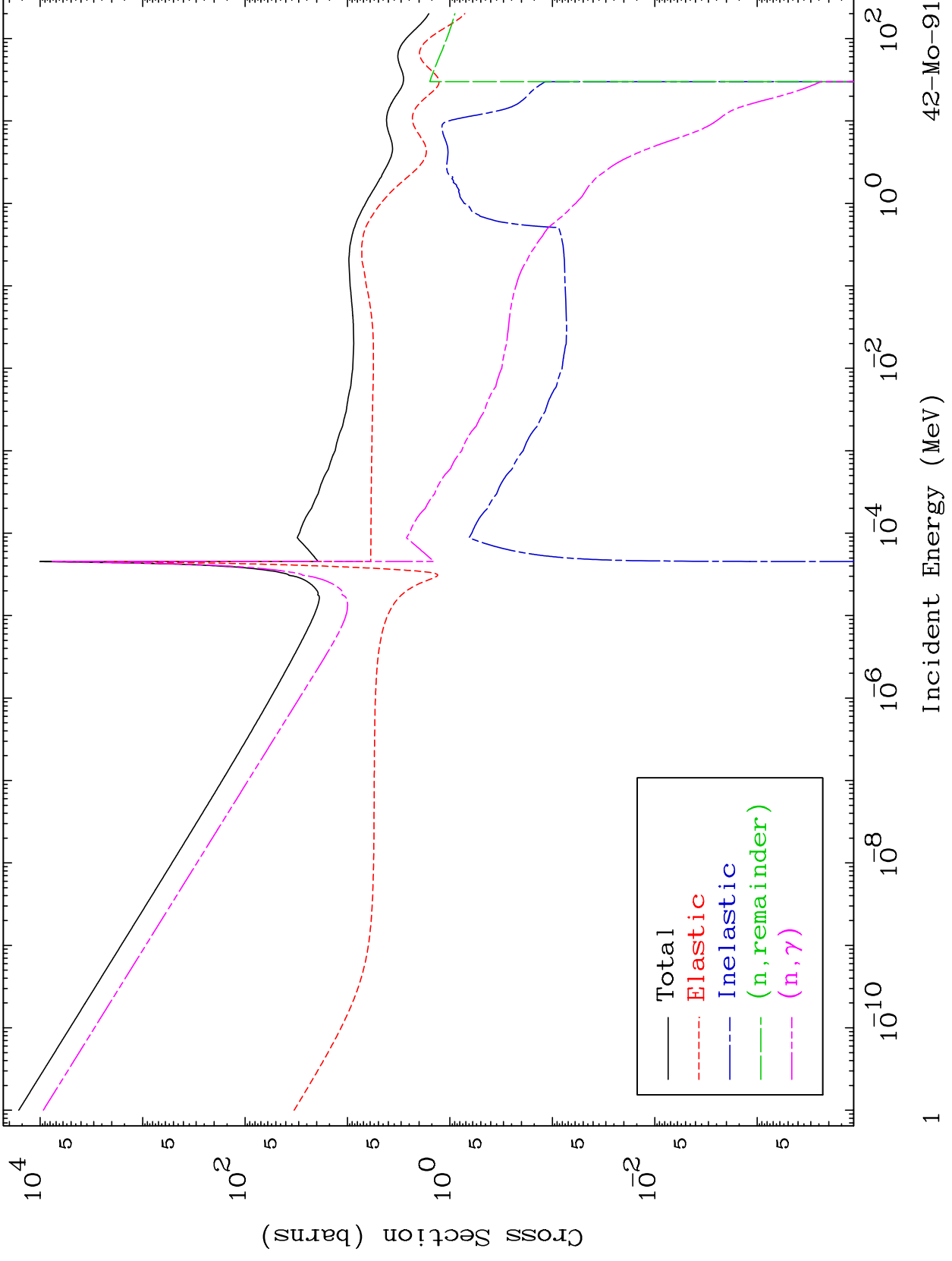
Press Mouse Button to Start

MAT 4223

Major

293 Kelvin Cross Sections

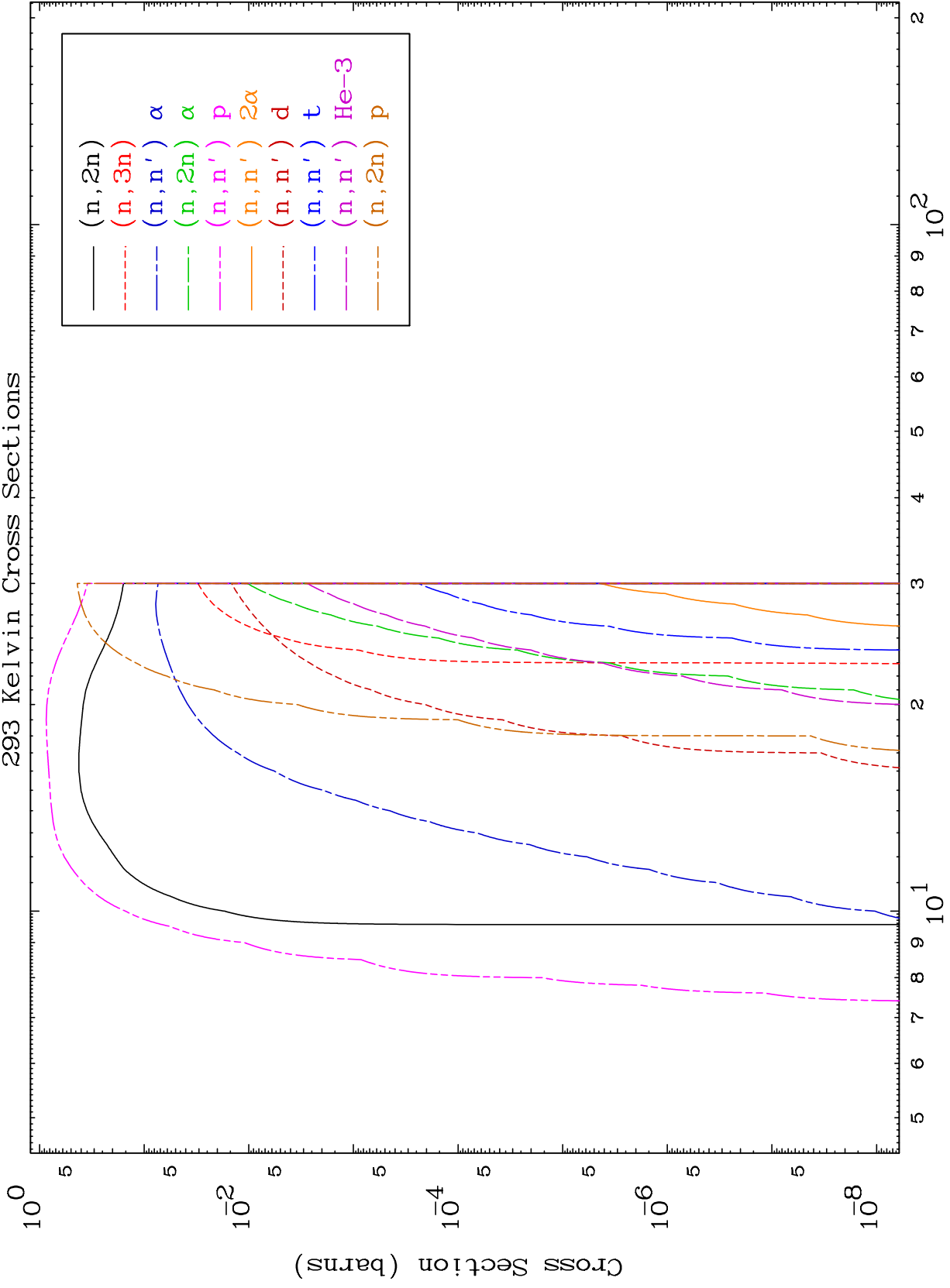
42-Mo-91



MAT 4223

Neutron Production
293 Kelvin Cross Sections

42-Mo-91



2

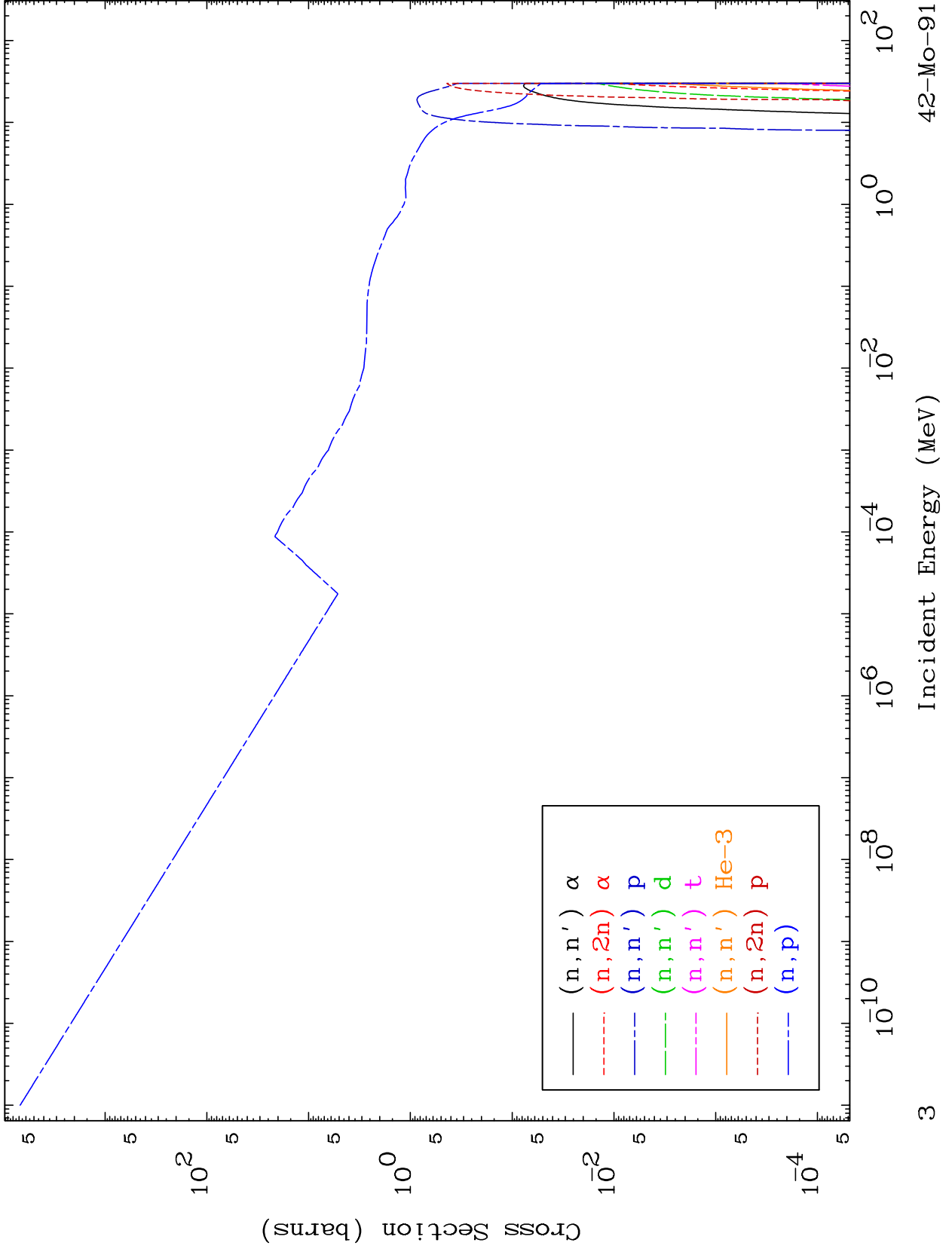
Incident Energy (MeV)

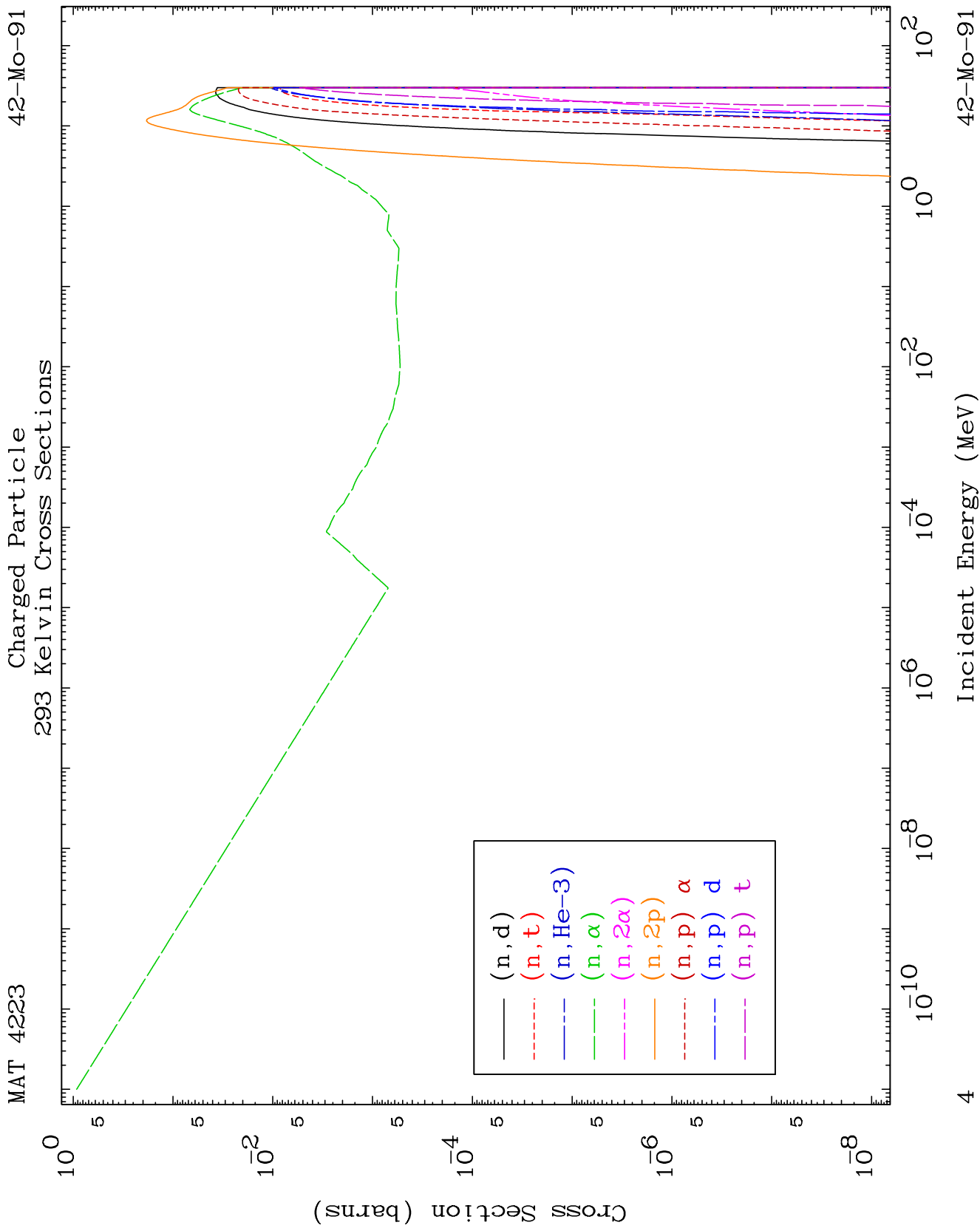
42-Mo-91

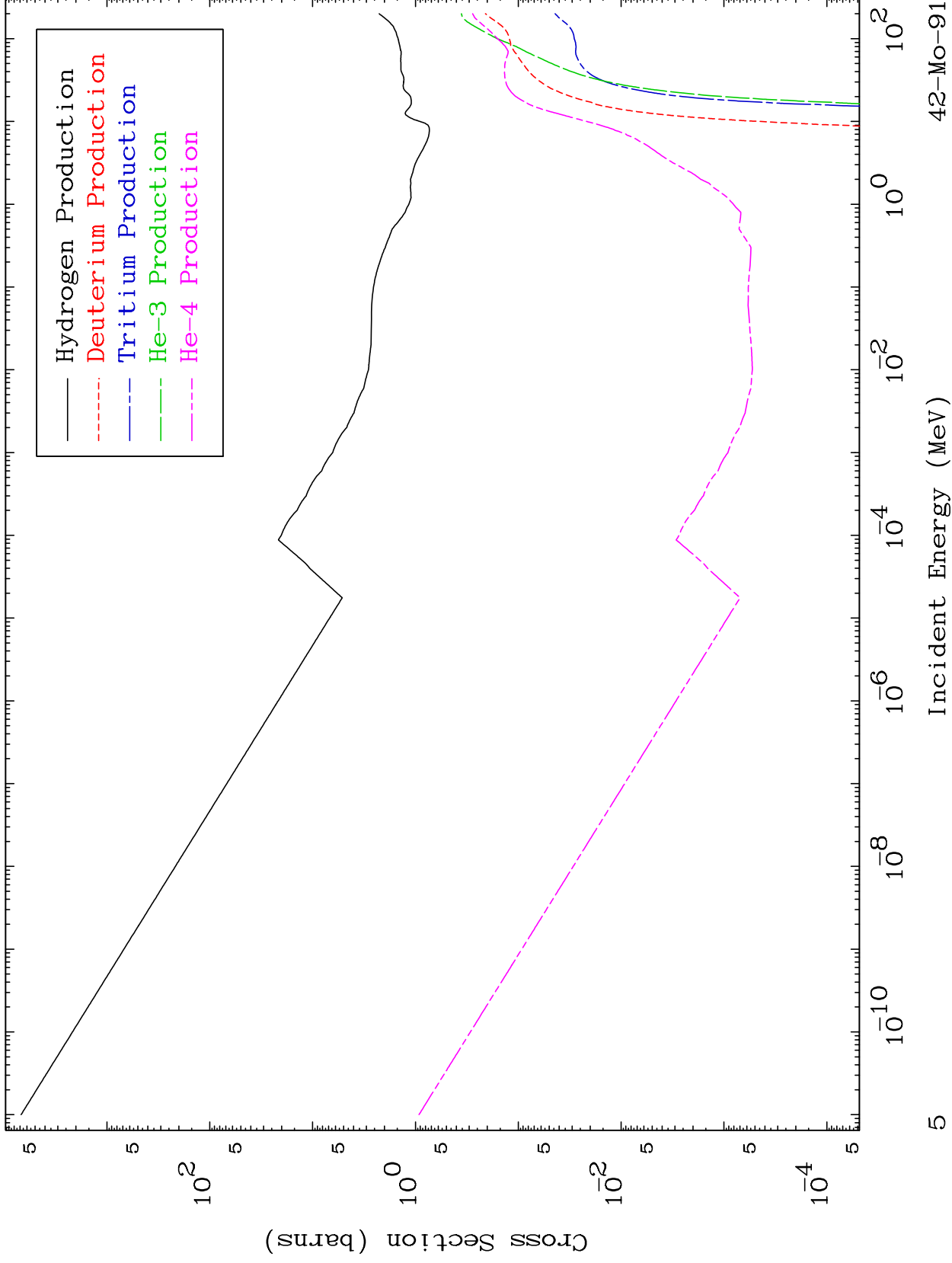
MAT 4223

Charged Particle
293 Kelvin Cross Sections

42-Mo-91





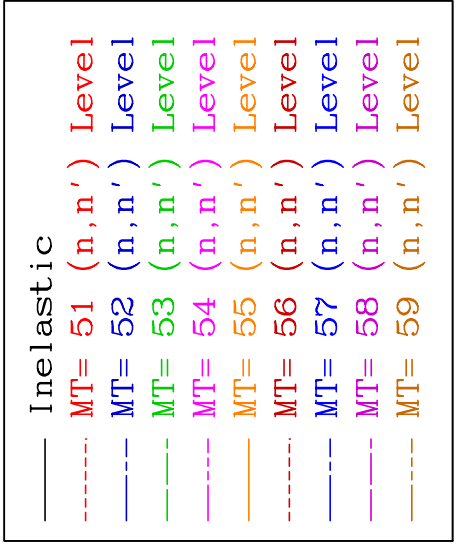
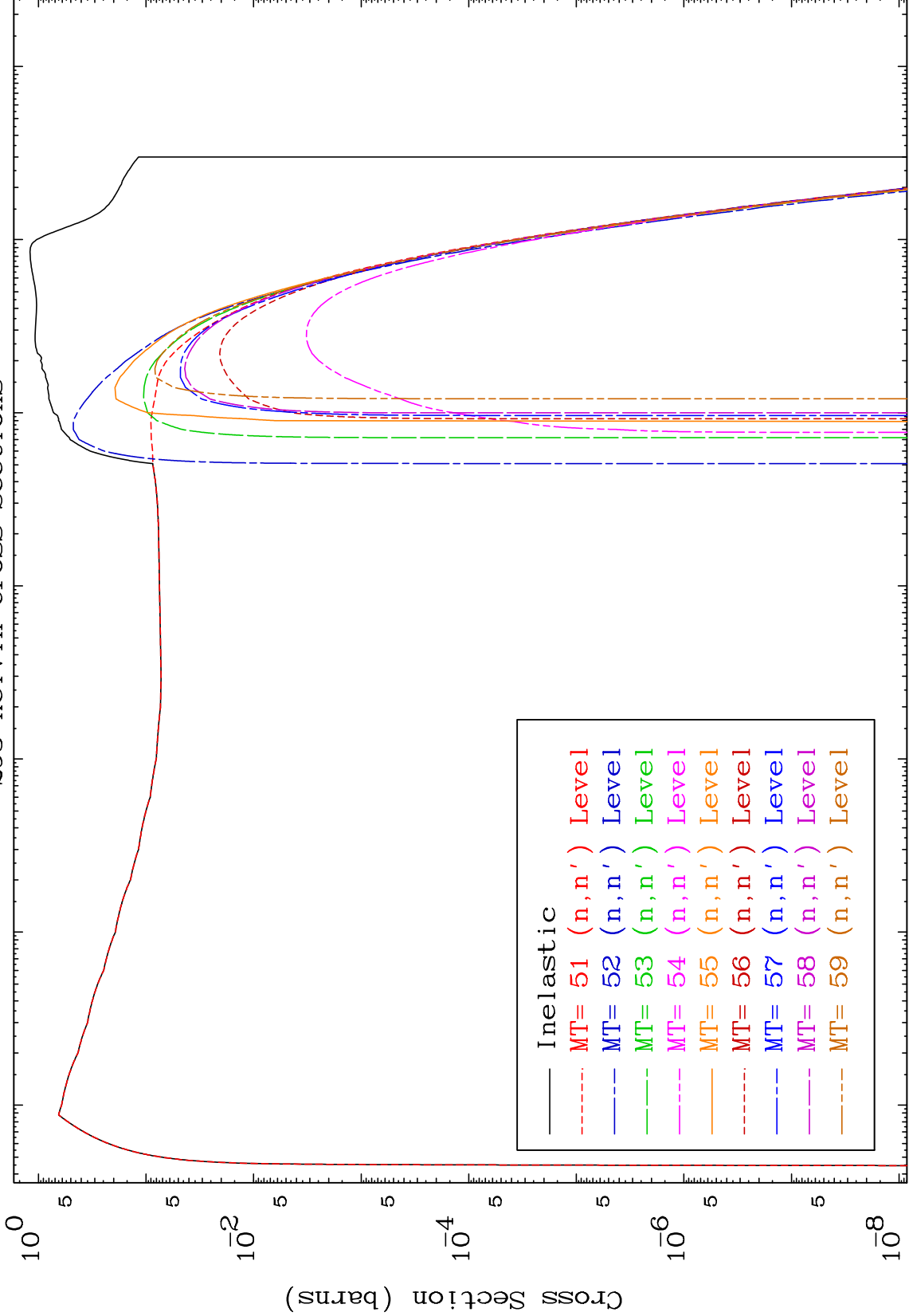


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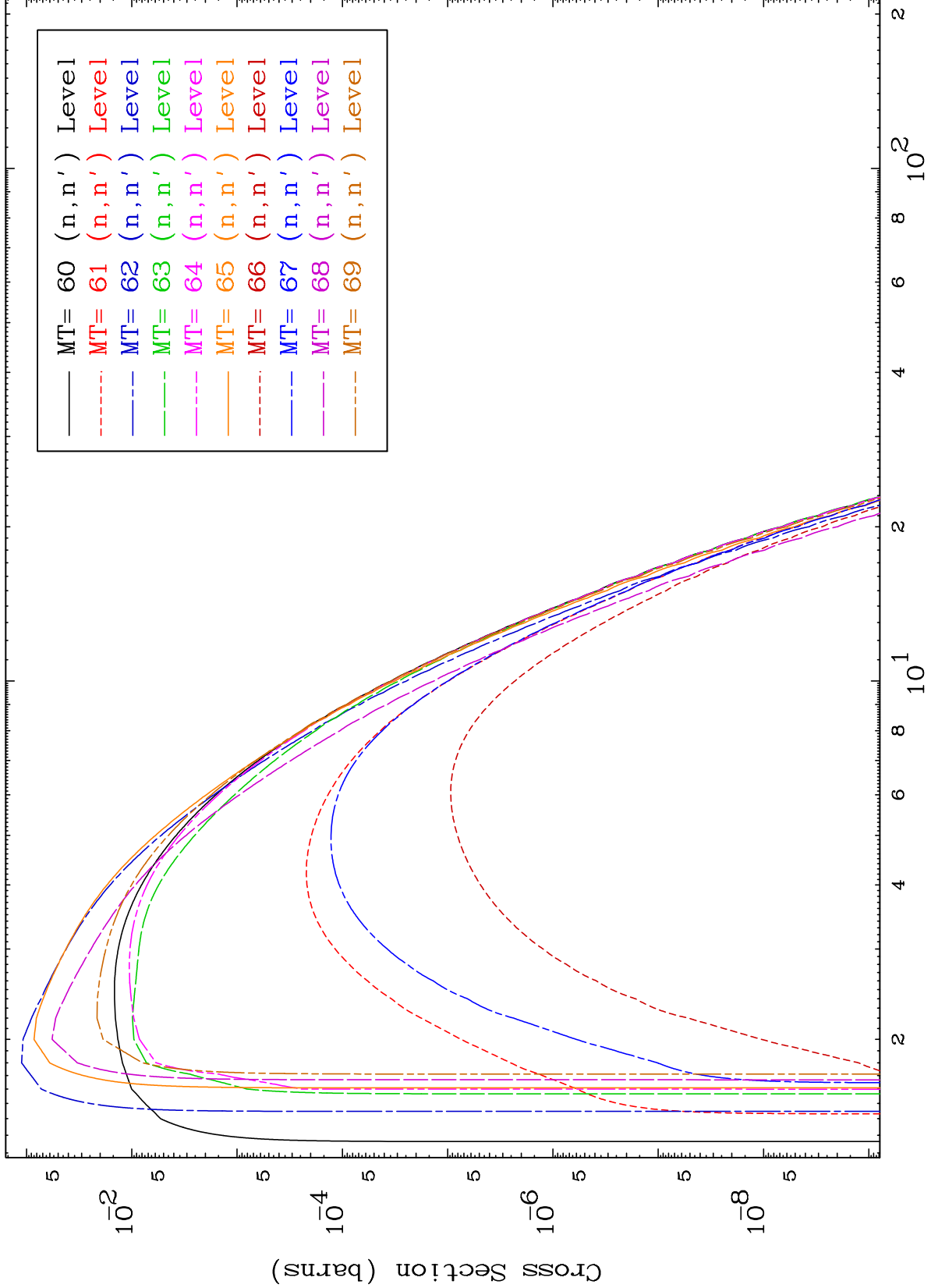
(n,n') Level

42-Mo-91

293 Kelvin Cross Sections



293 Kelvin Cross Sections

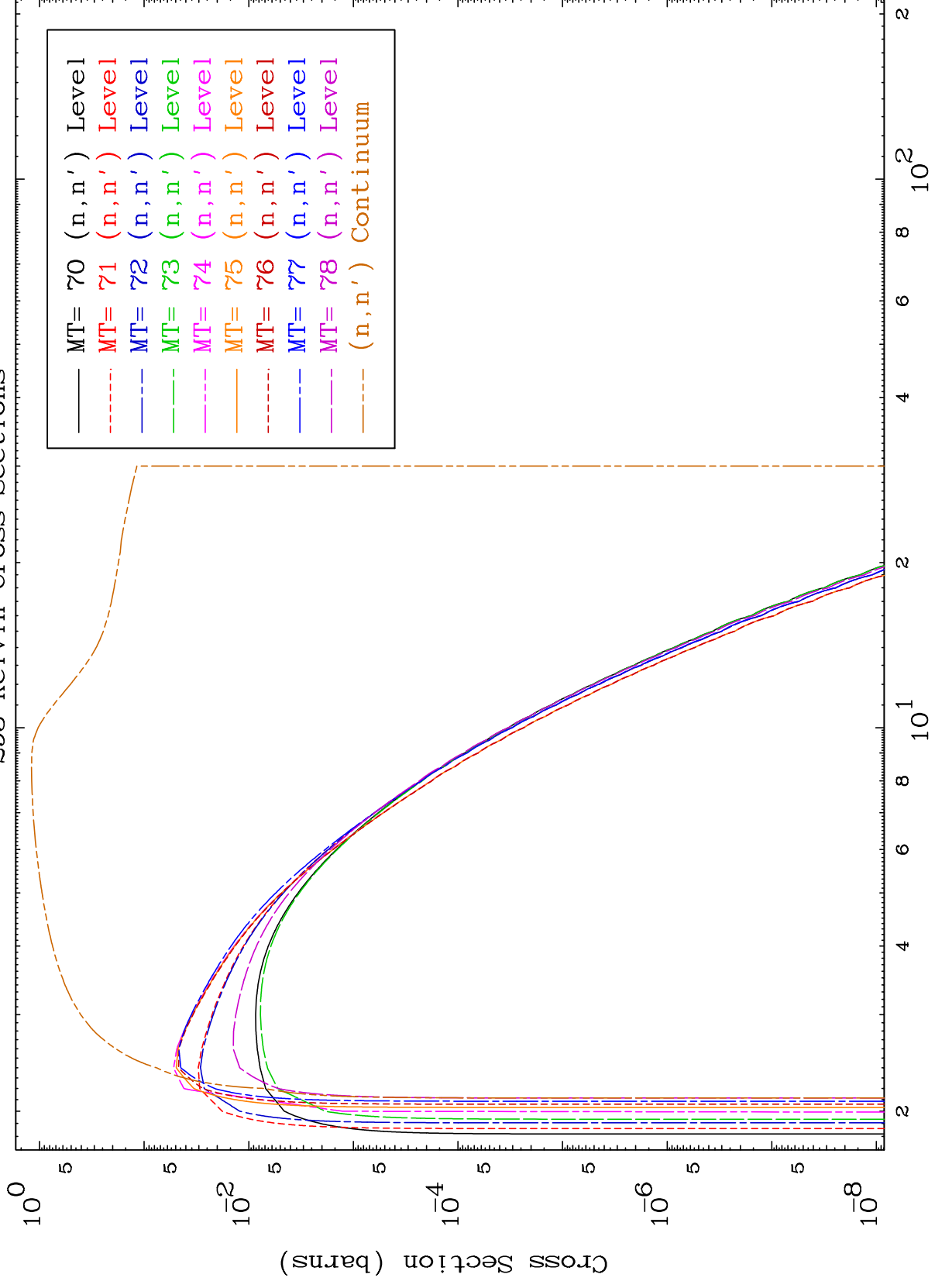


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(n,n') Level

42-Mo-91

293 Kelvin Cross Sections



8

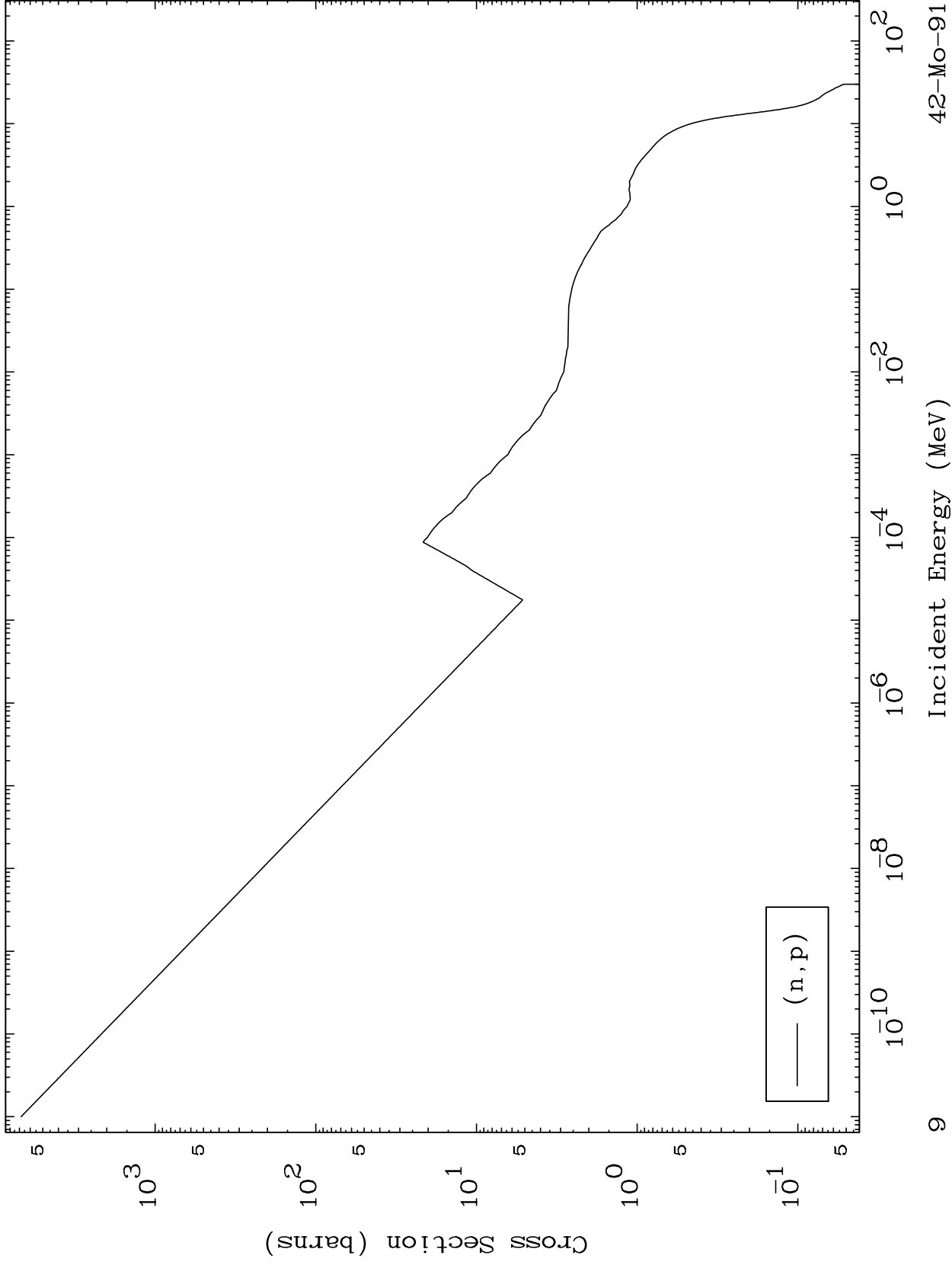
Incident Energy (MeV)

42-Mo-91

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(n,p) Levels
293 Kelvin Cross Sections

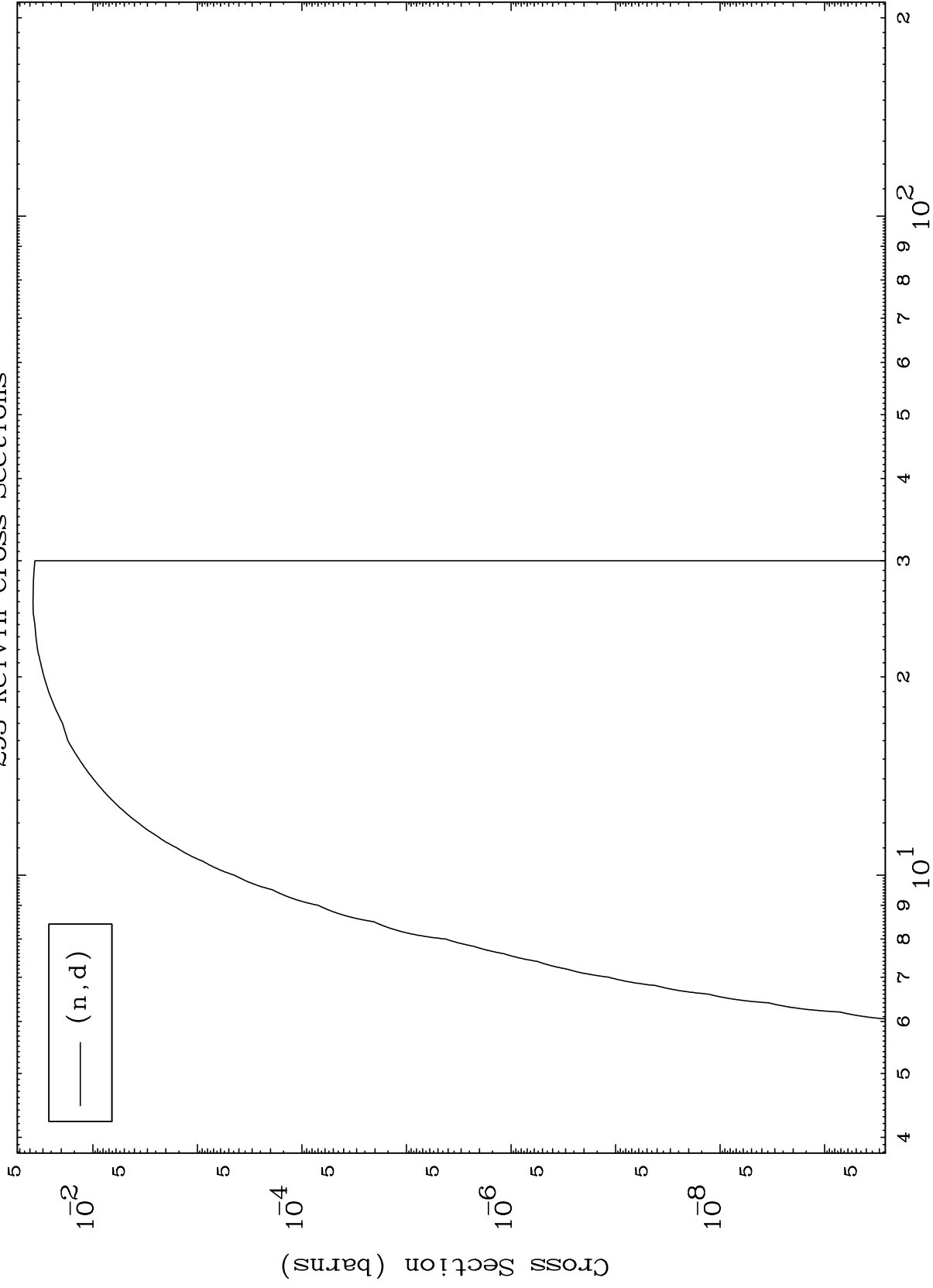
42-Mo-91



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(n,d) Levels
293 Kelvin Cross Sections

42-Mo-91



10

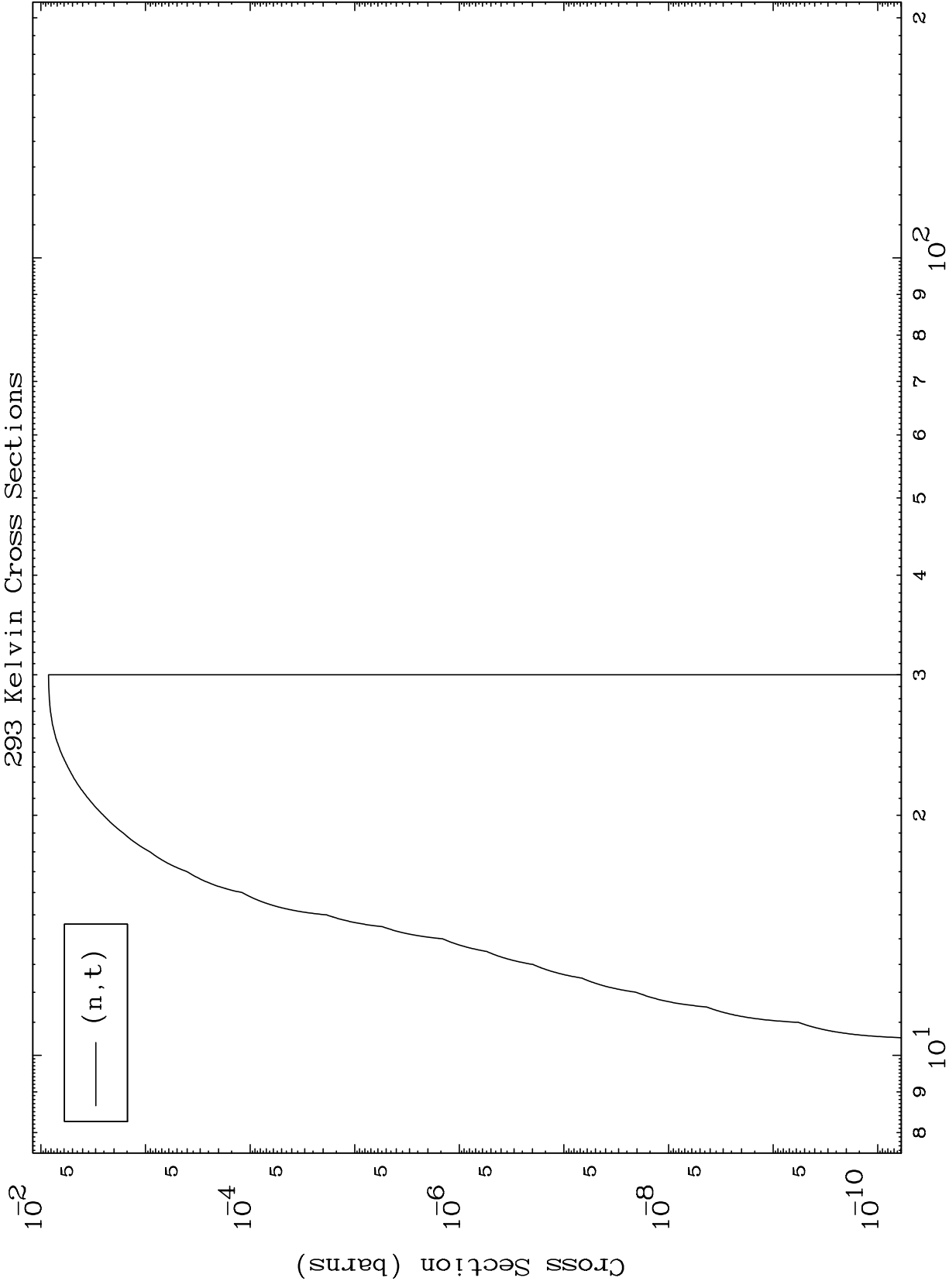
Incident Energy (MeV)

42-Mo-91

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(n,t) Levels
293 Kelvin Cross Sections

42-Mo-91



11

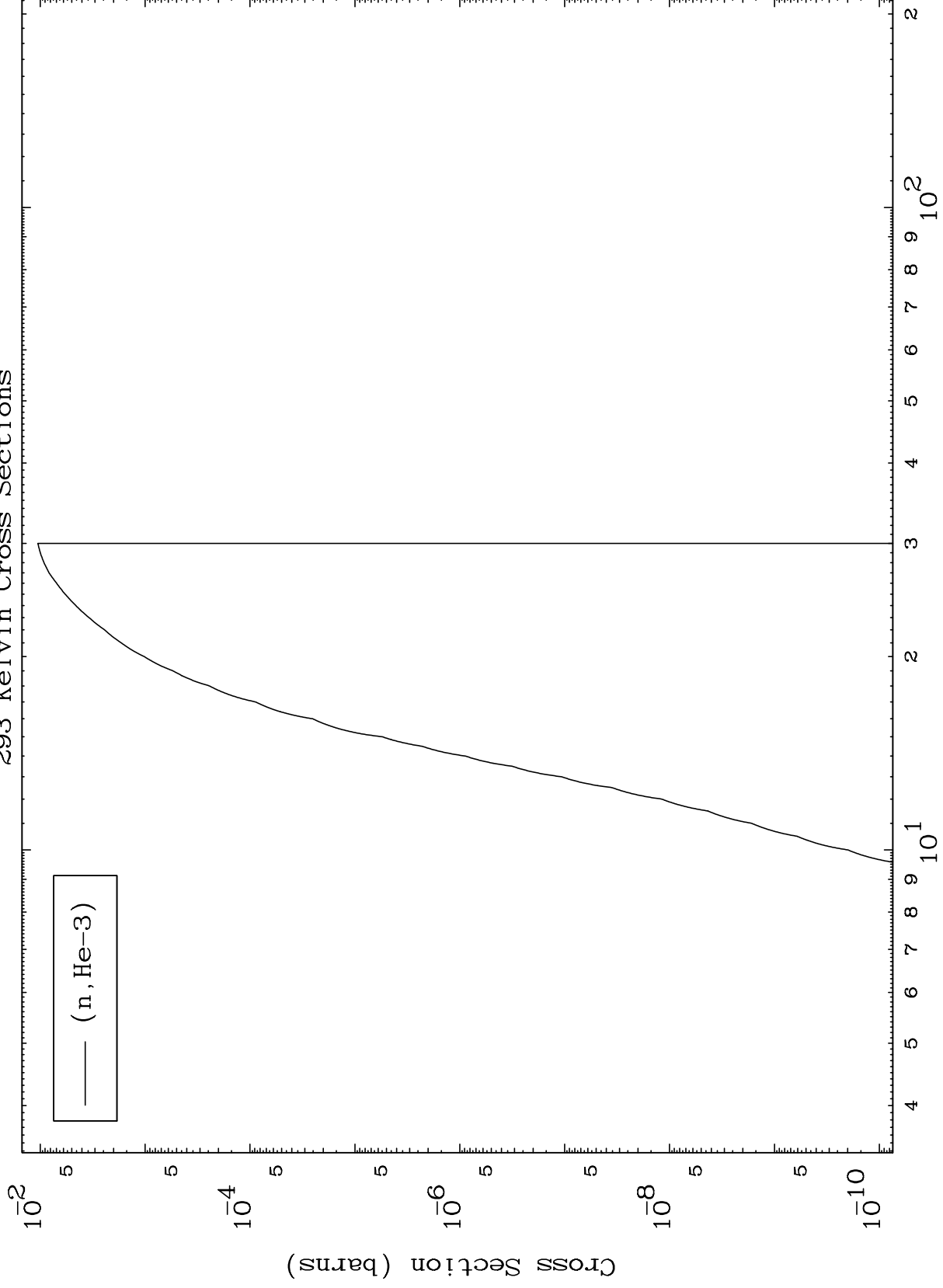
Incident Energy (MeV)

42-Mo-91

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(n,He3) Levels
293 Kelvin Cross Sections

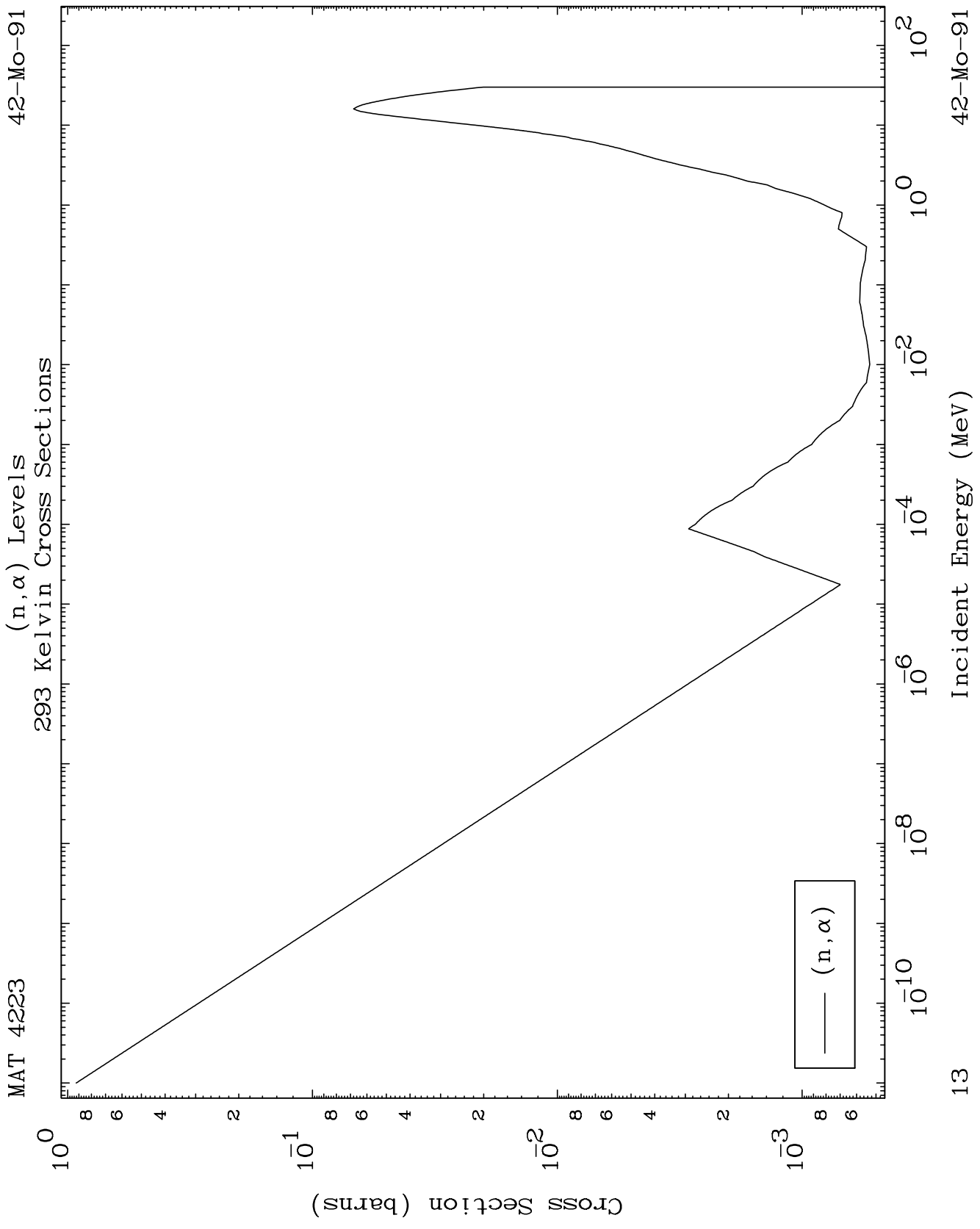
42-Mo-91

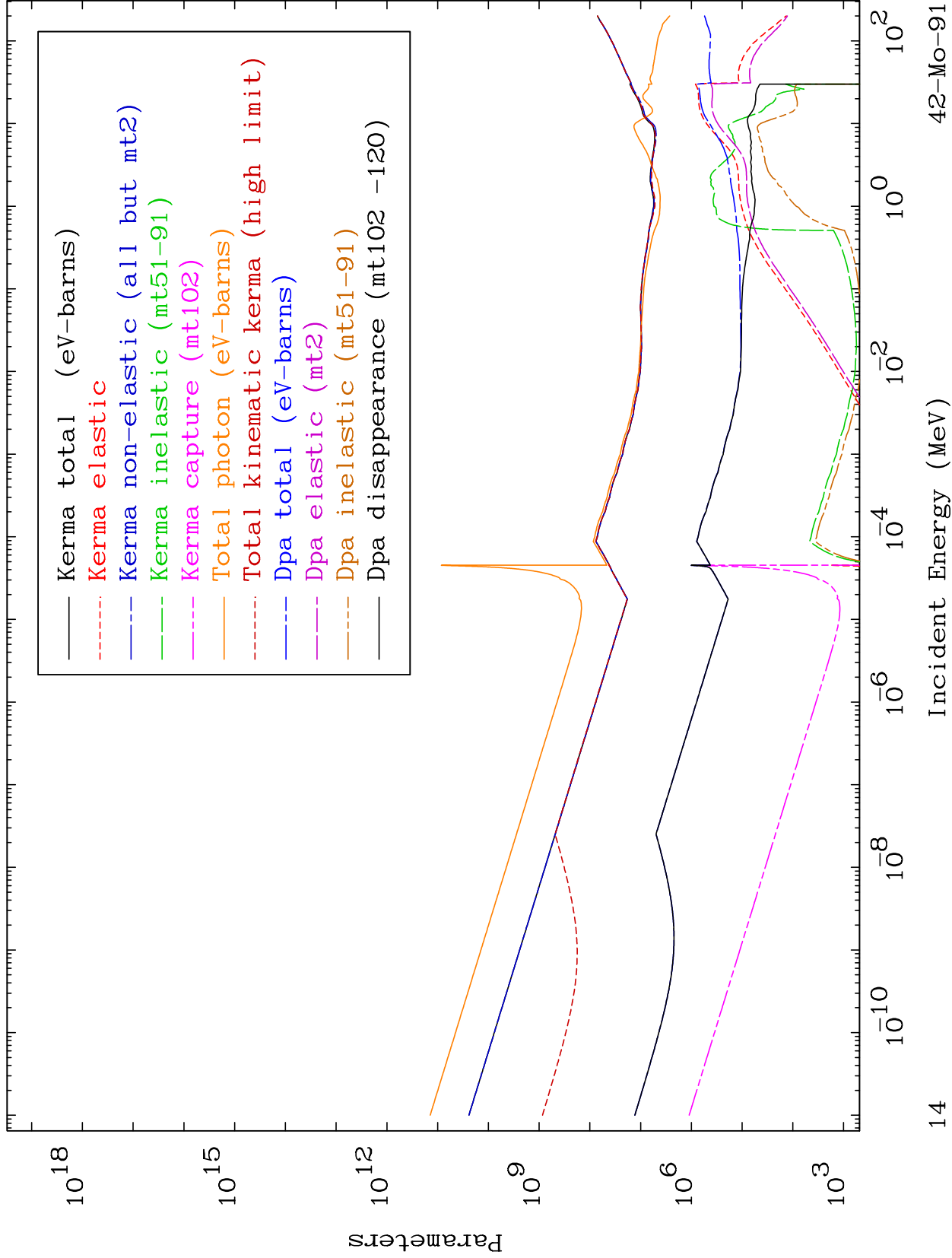


12

Incident Energy (MeV)

42-Mo-91

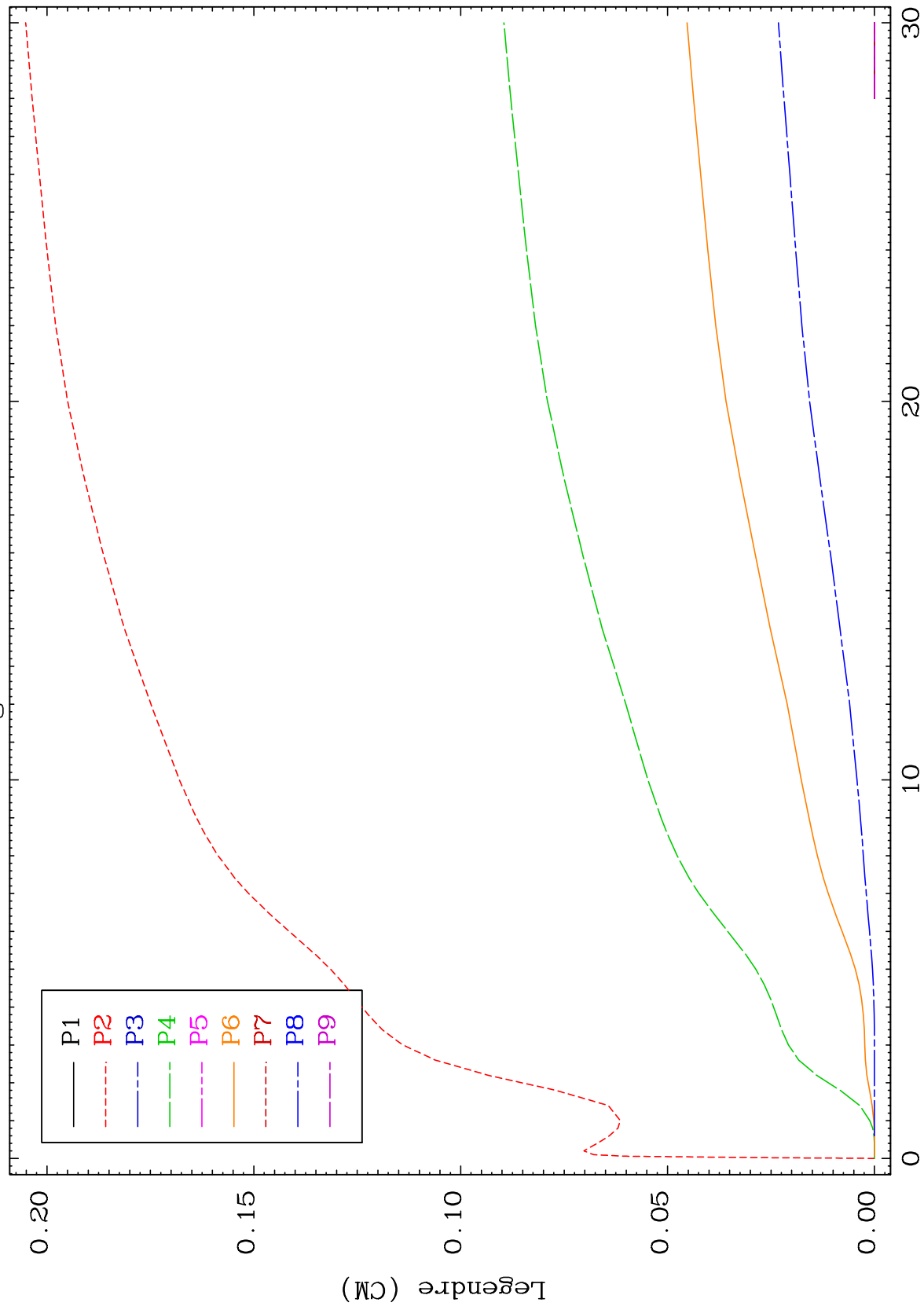




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Elastic Legendre Coefficients

42-Mo-91



42-Mo-91

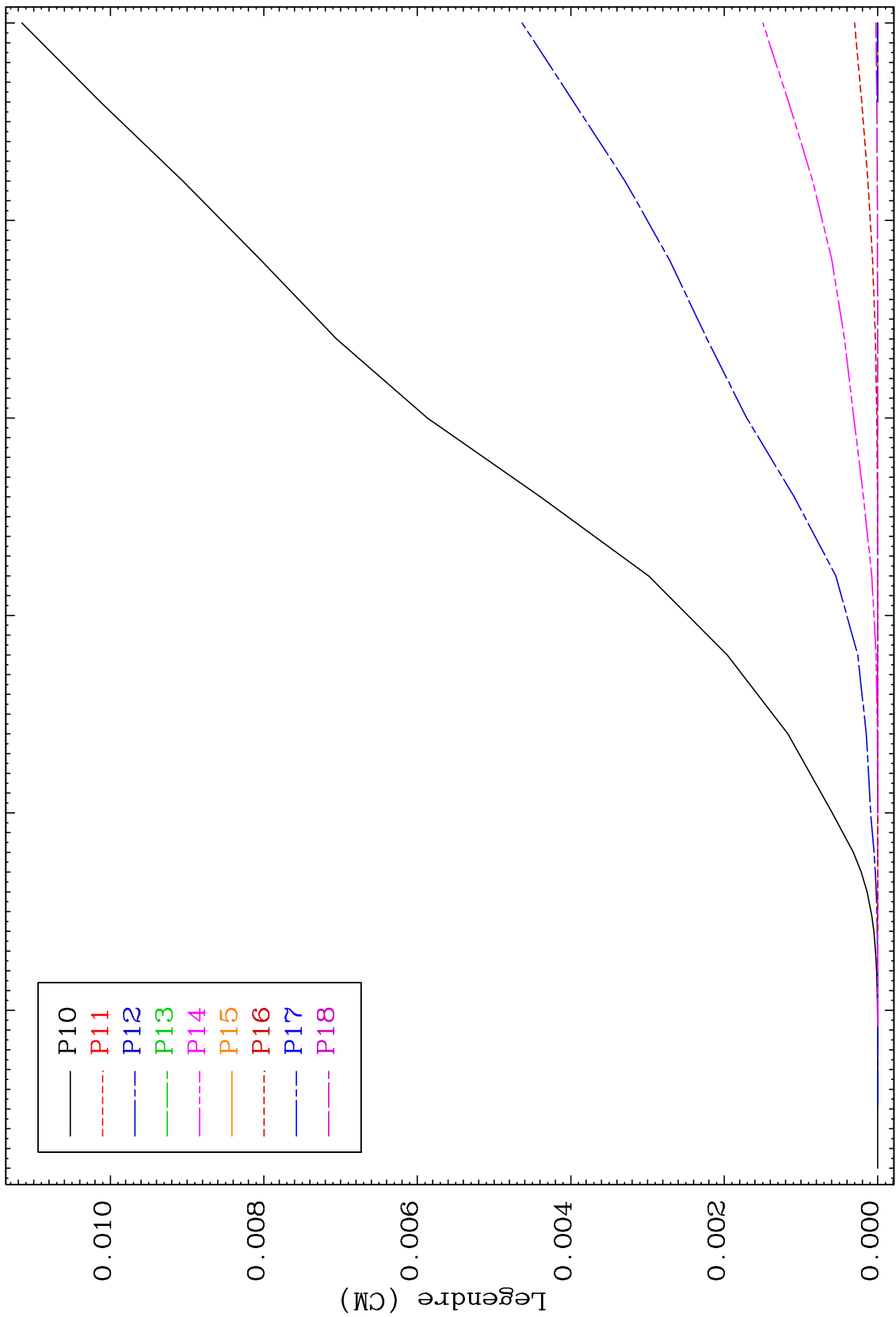
Incident Energy (MeV)

15

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Elastic Legendre Coefficients

42-Mo-91



16

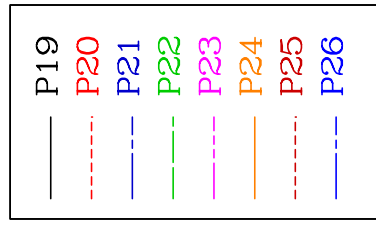
42-Mo-91

Incident Energy (MeV)

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Elastic
Legendre Coefficients

42-Mo-91



$\times 10^{-6}$
1.2
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)

15

20

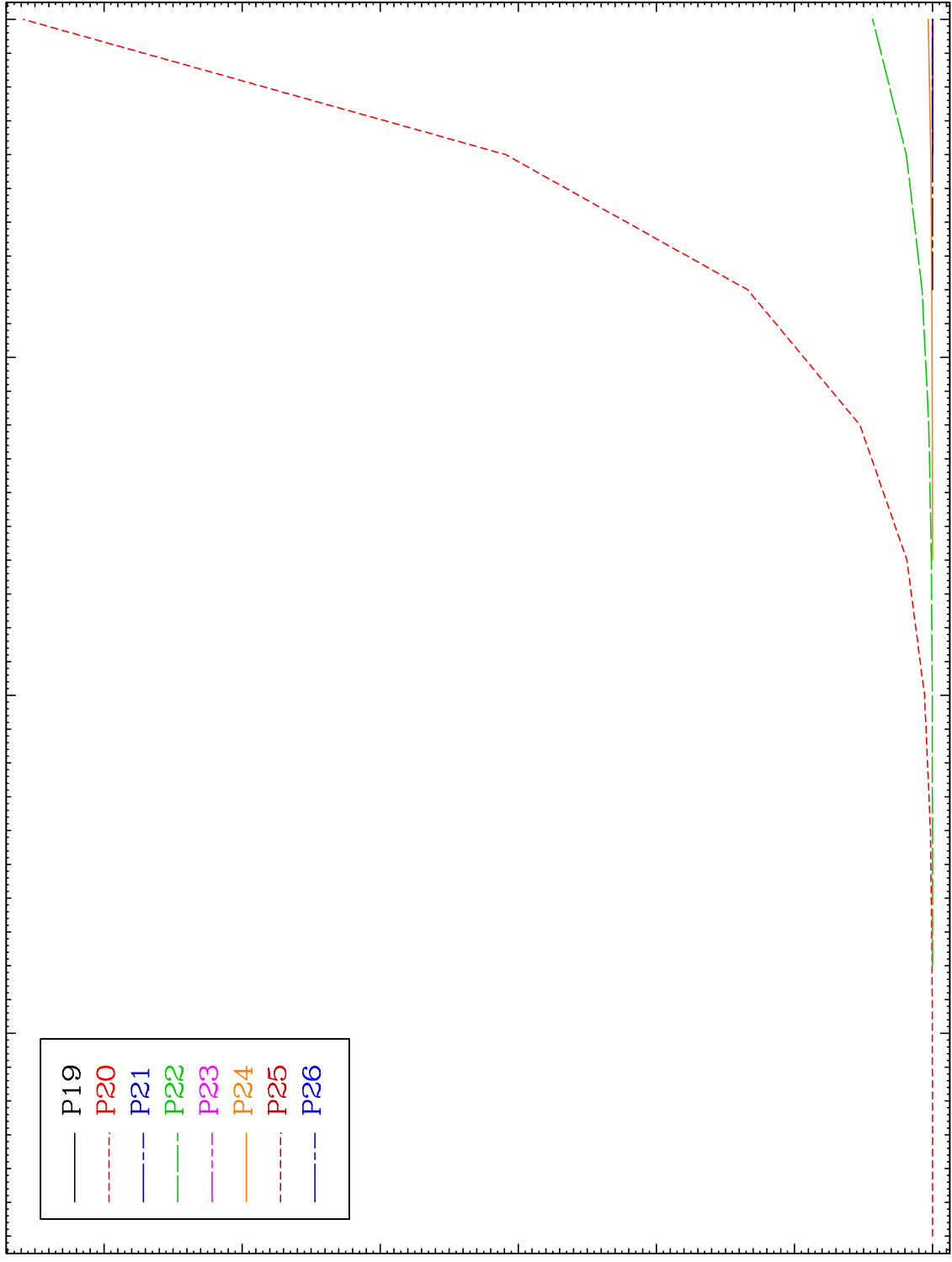
25

30

17

Incident Energy (MeV)

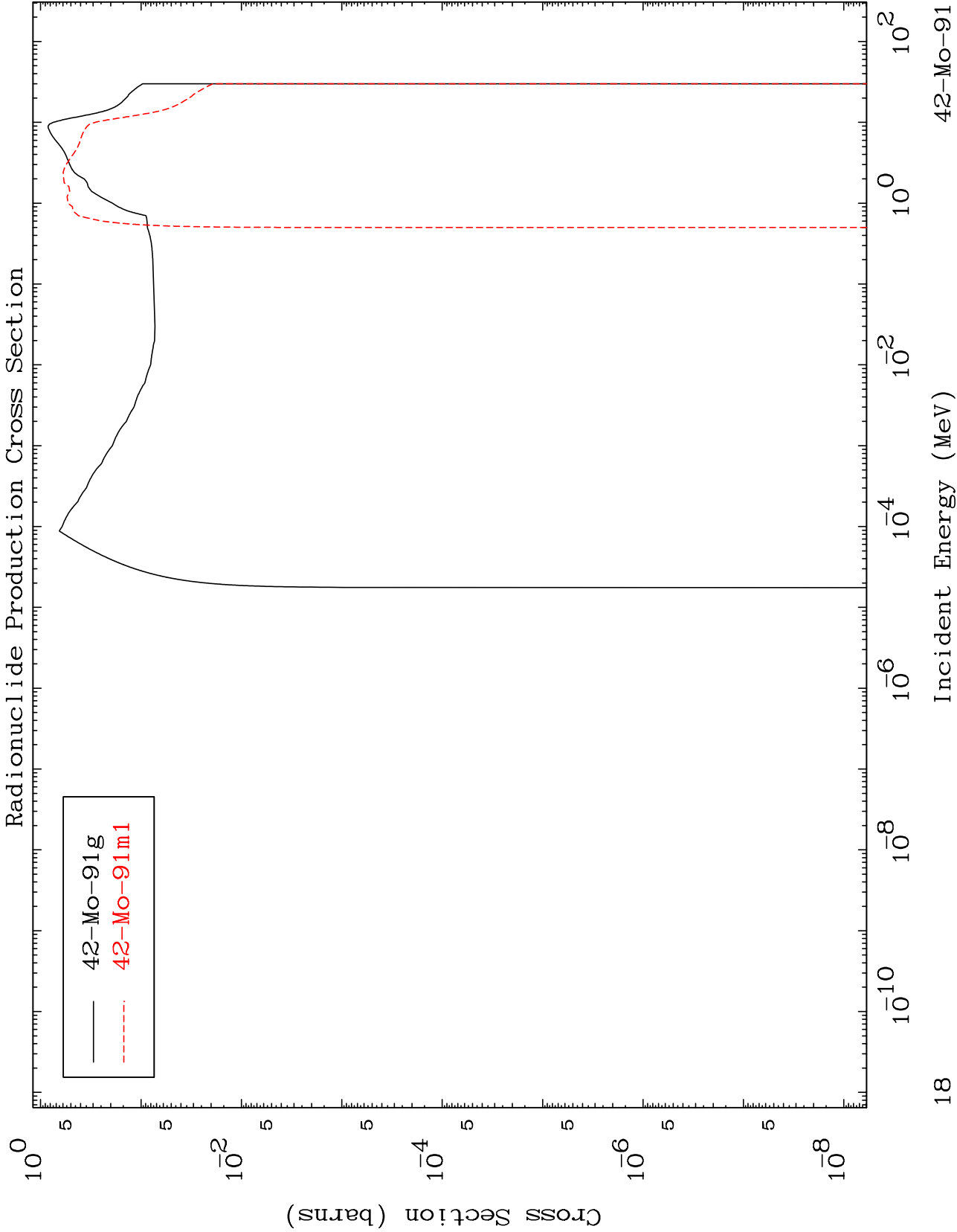
42-Mo-91



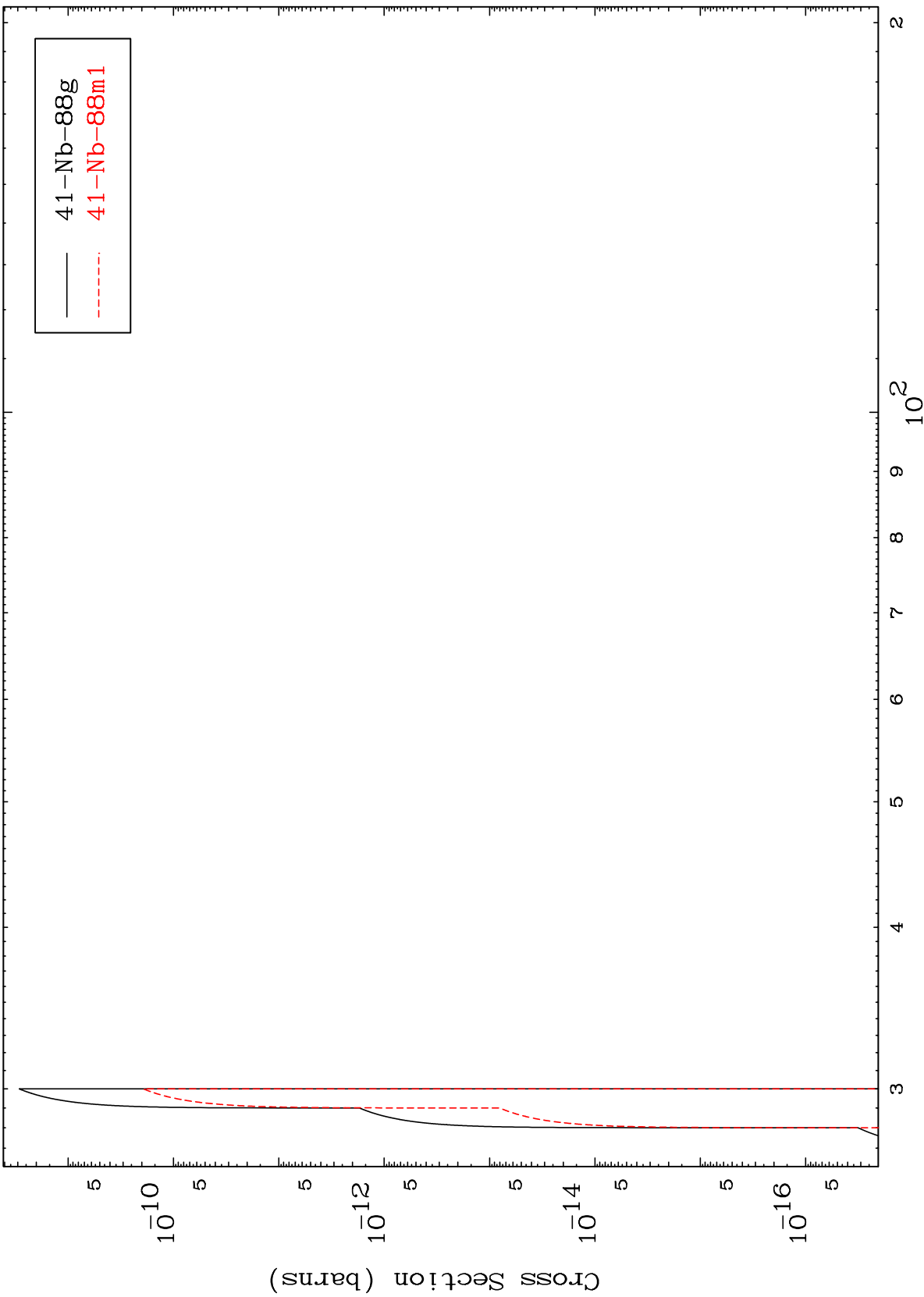
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42-Mo-91

Inelastic
Radionuclide Production Cross Section



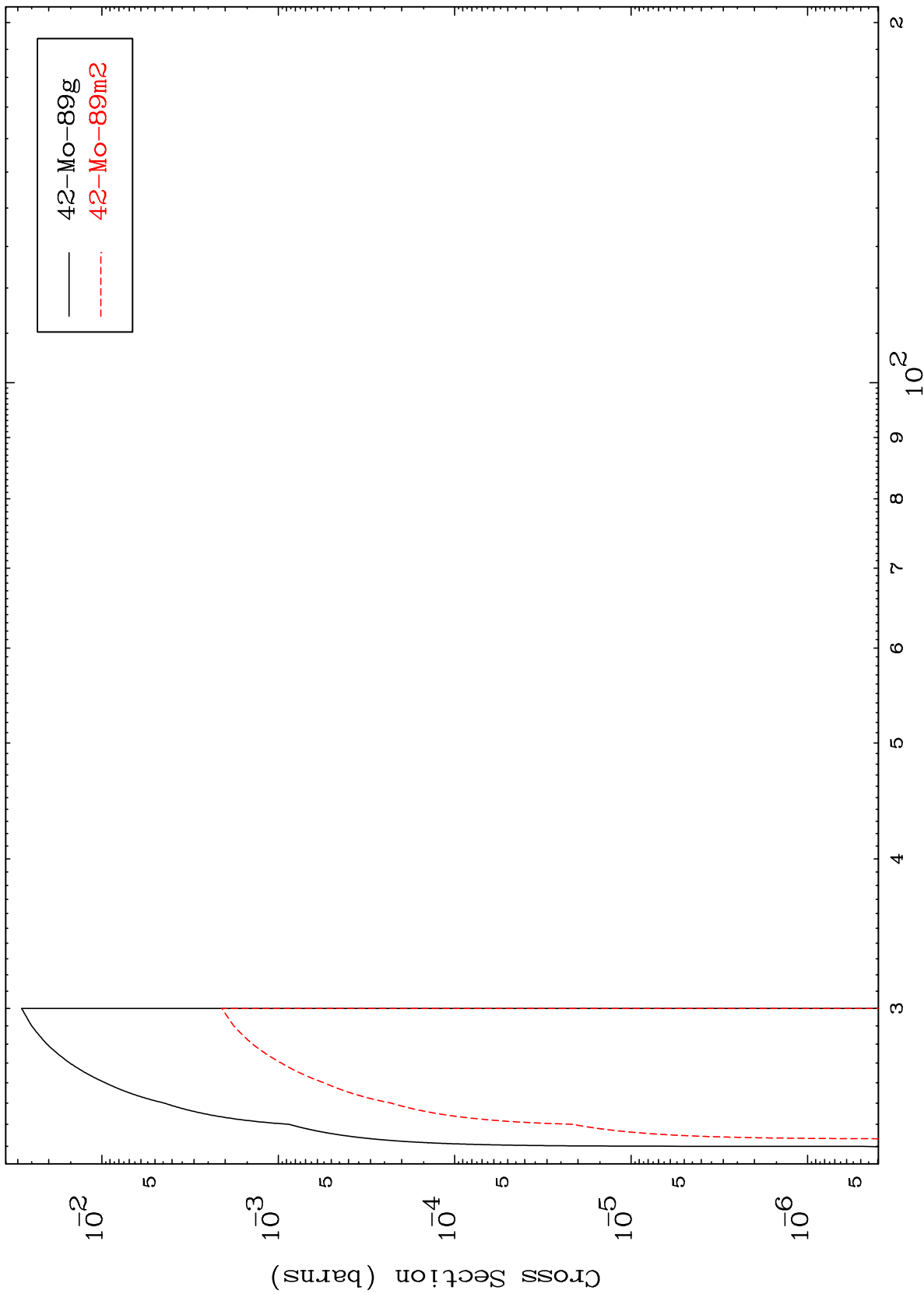
Radionuclide Production Cross Section



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42-Mo-91

(n,3n)
Radionuclide Production Cross Section



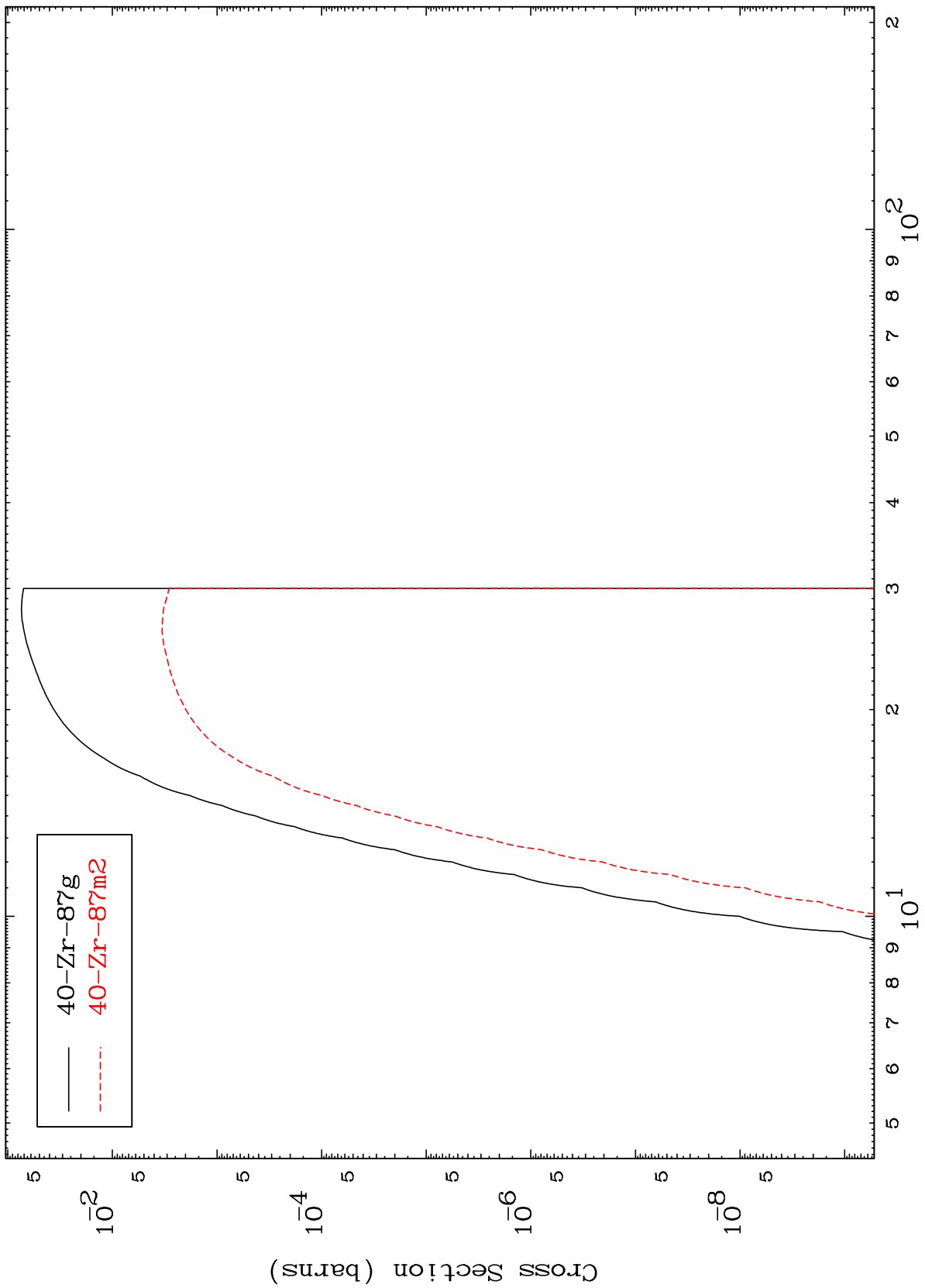
42-Mo-89g
42-Mo-89m2

42-Mo-91

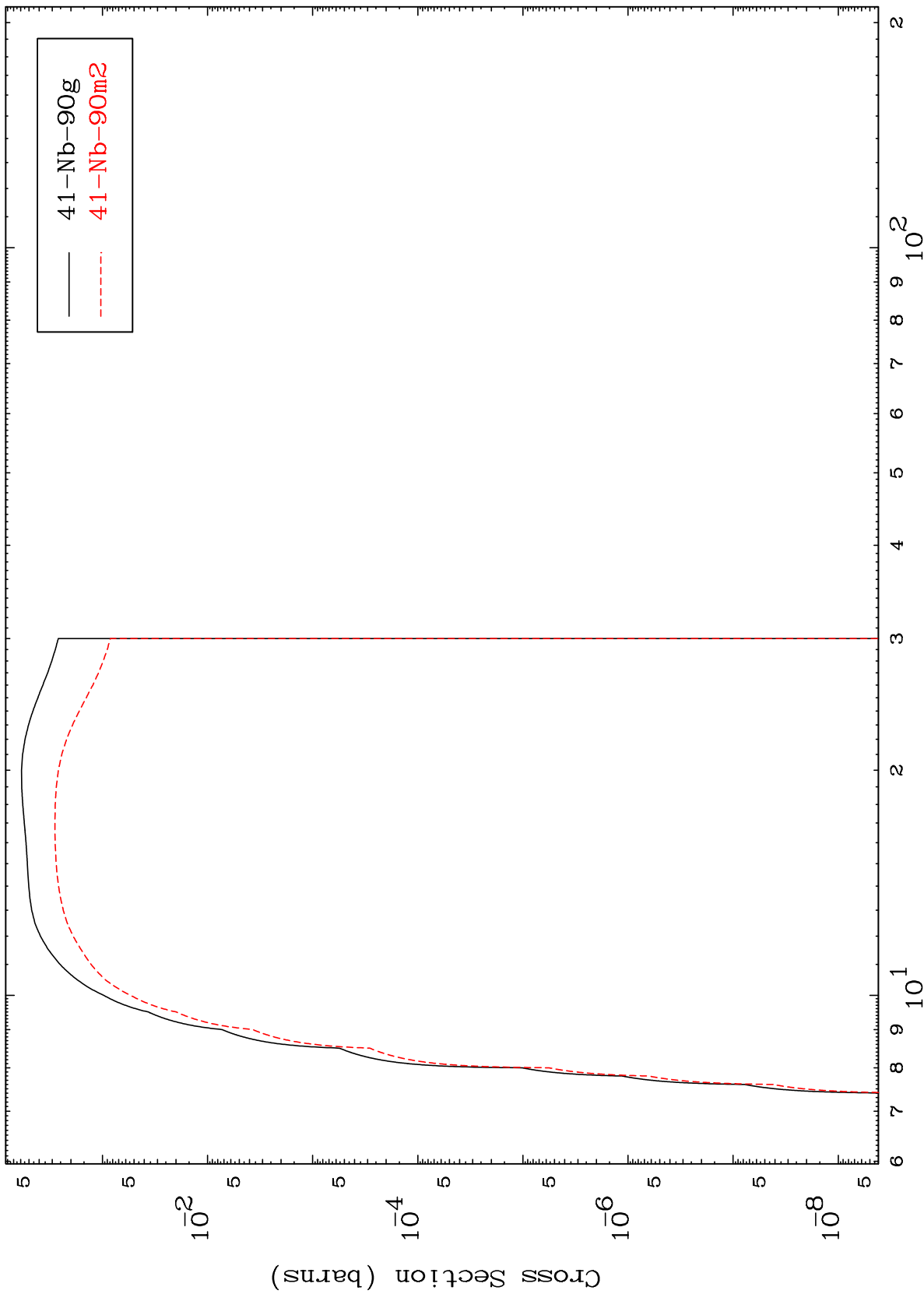
Incident Energy (MeV)

20

Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section

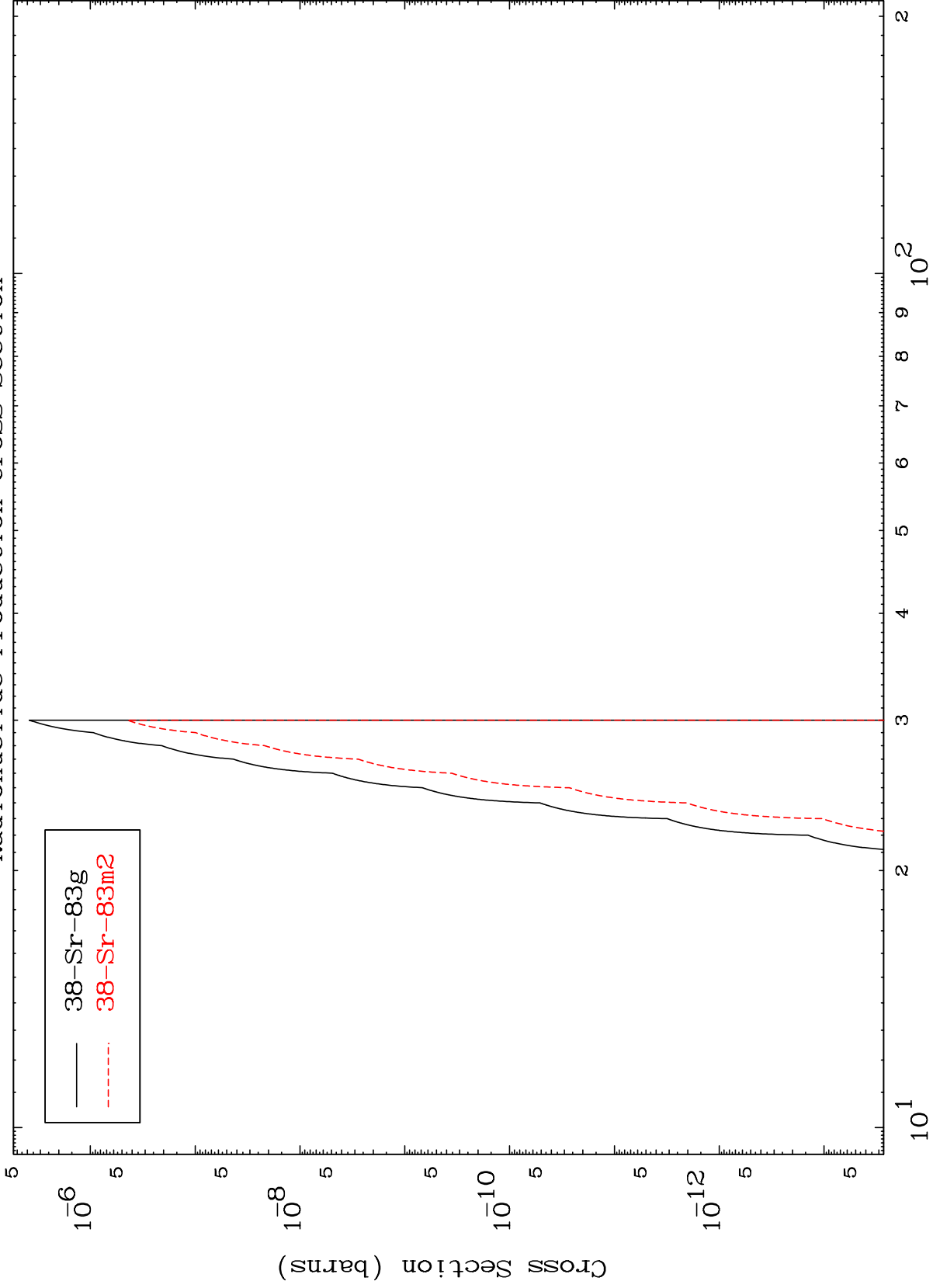


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(n,n') 2α

42-Mo-91

Radionuclide Production Cross Section



23

Incident Energy (MeV)

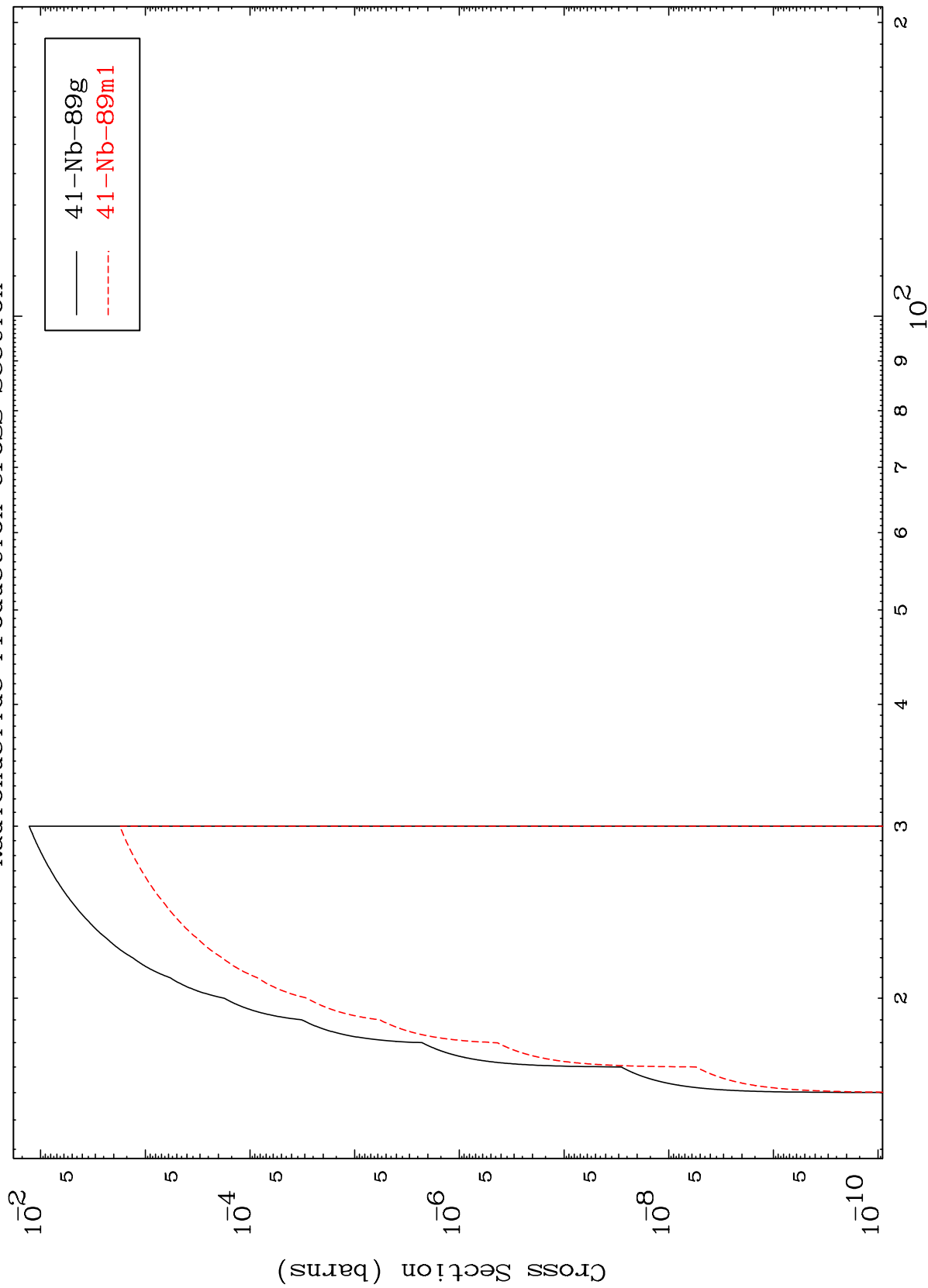
42-Mo-91

MAT 4223

(n,n') d

42-Mo-91

Radionuclide Production Cross Section



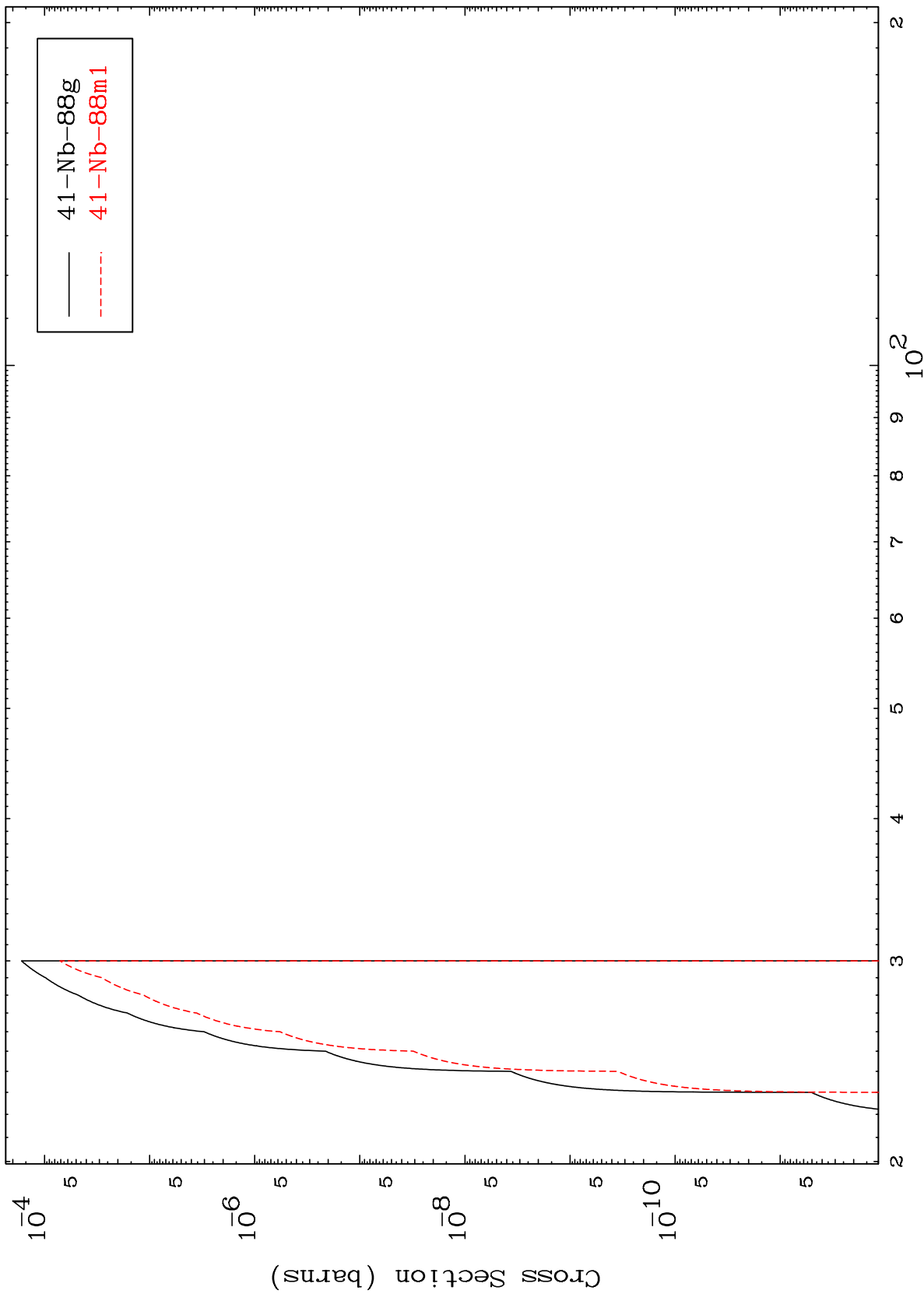
41-Nb-89g
41-Nb-89m1

24

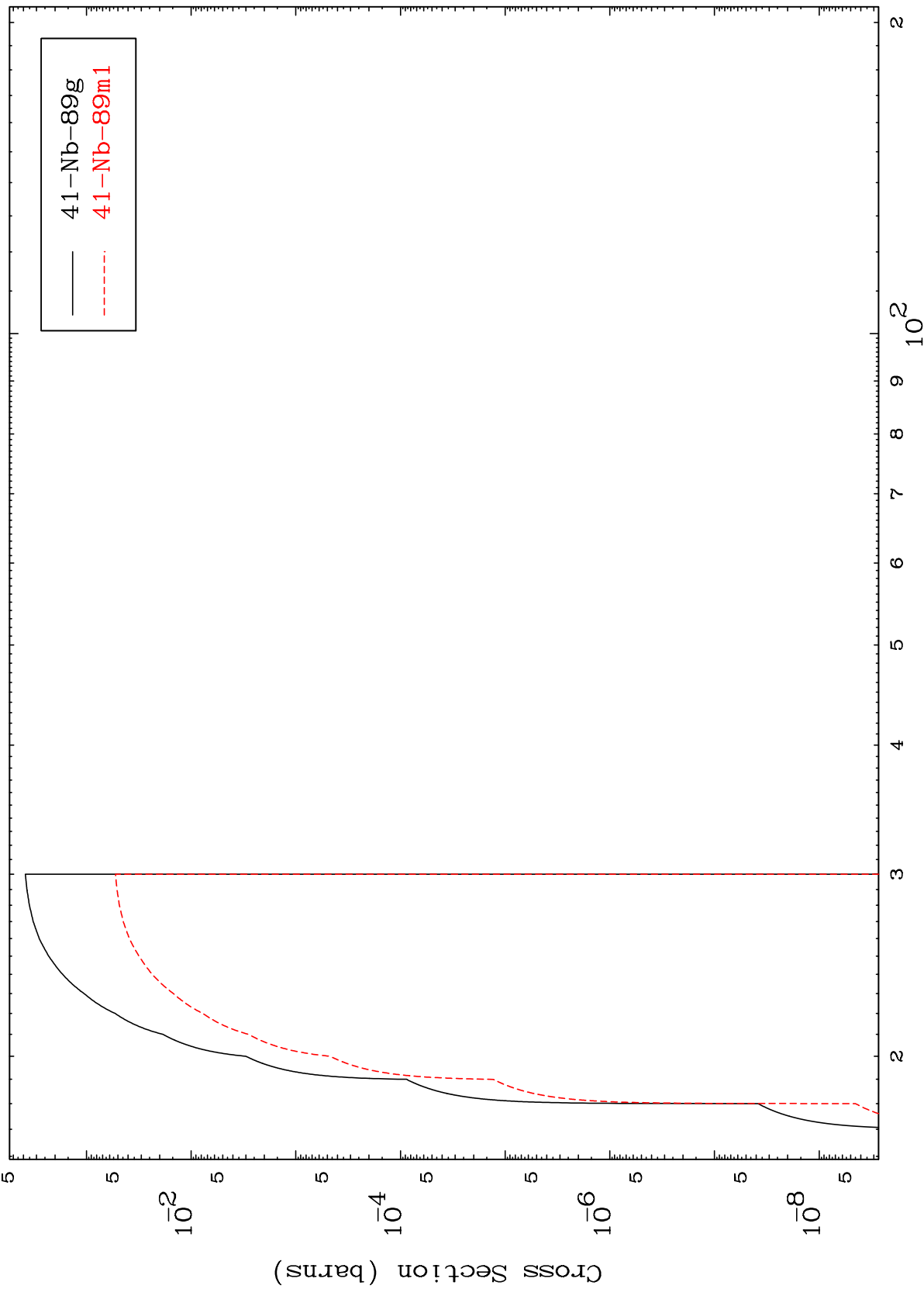
Incident Energy (MeV)

42-Mo-91

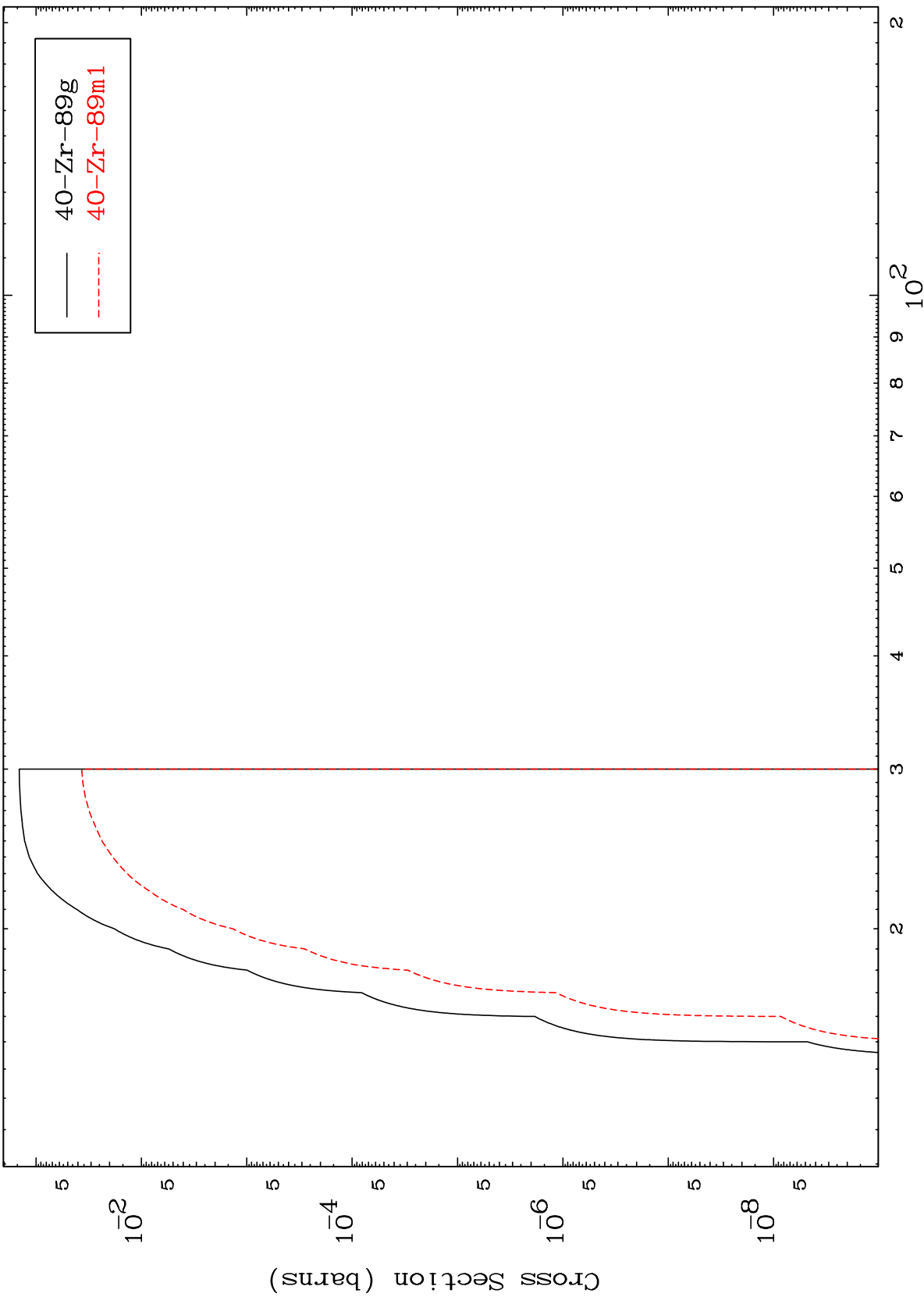
Radionuclide Production Cross Section



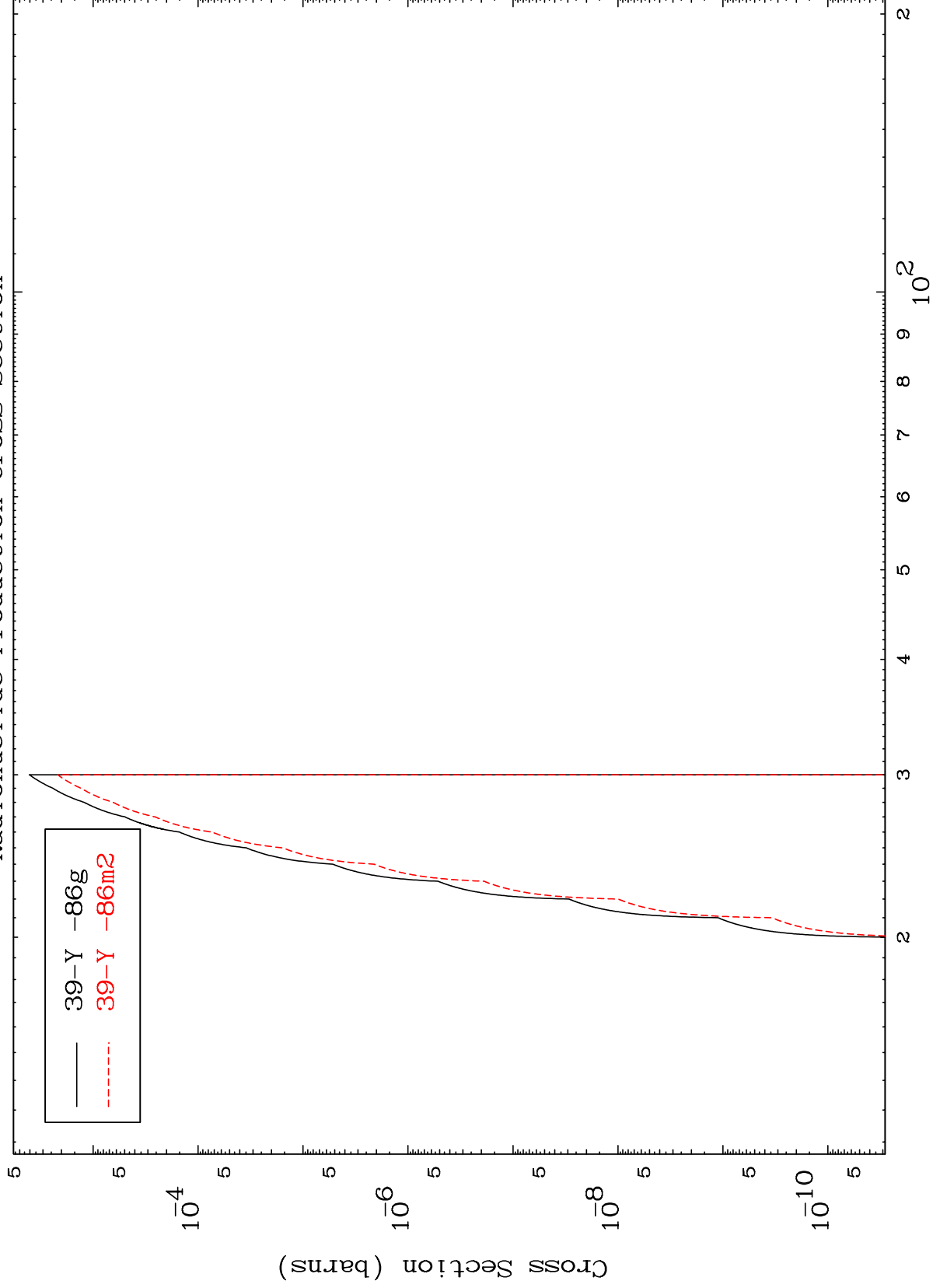
Radionuclide Production Cross Section



Radionuclide Production Cross Section



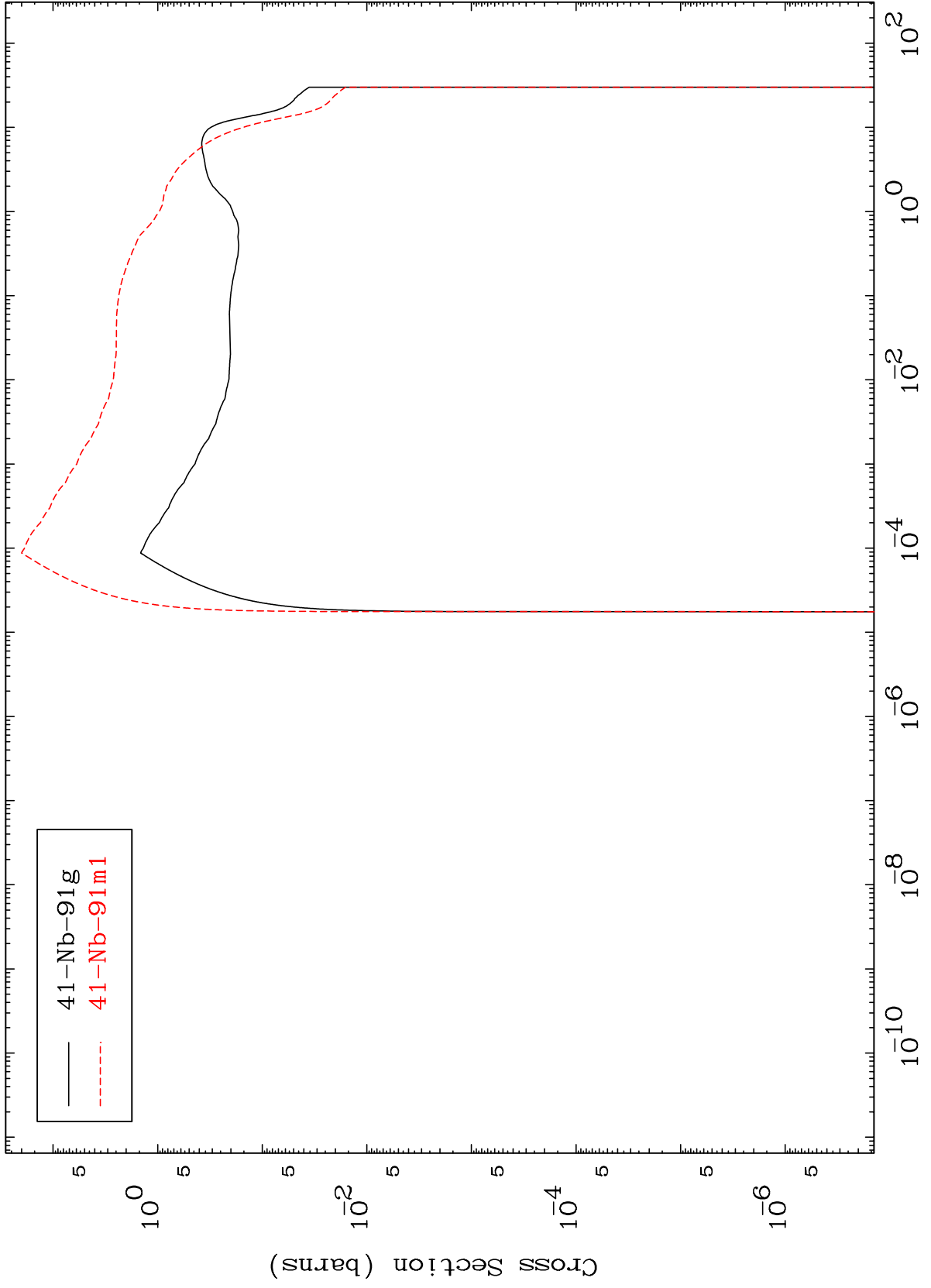
Radionuclide Production Cross Section



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42-Mo-91

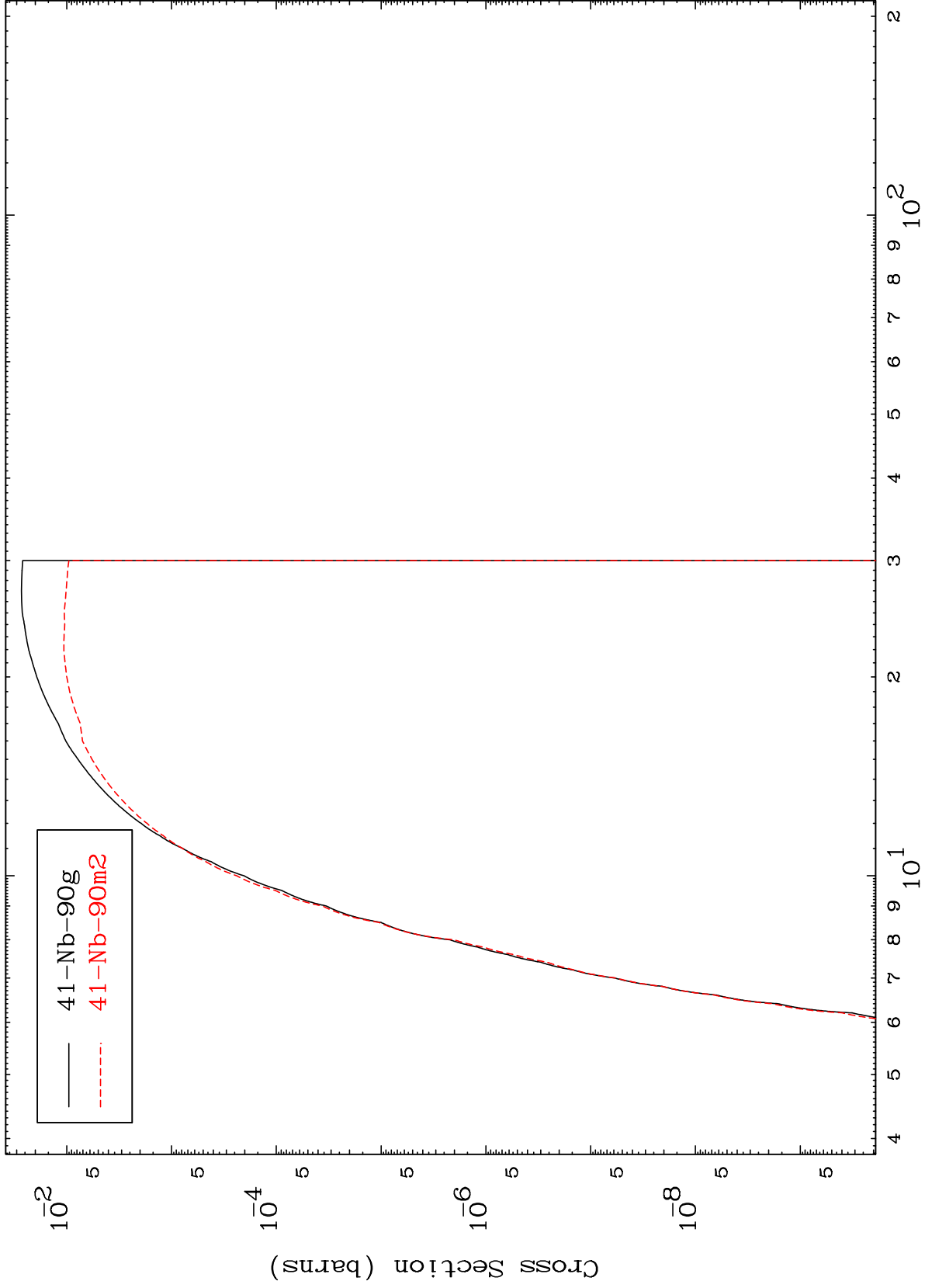
(n,p)
Radionuclide Production Cross Section



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42-Mo-91

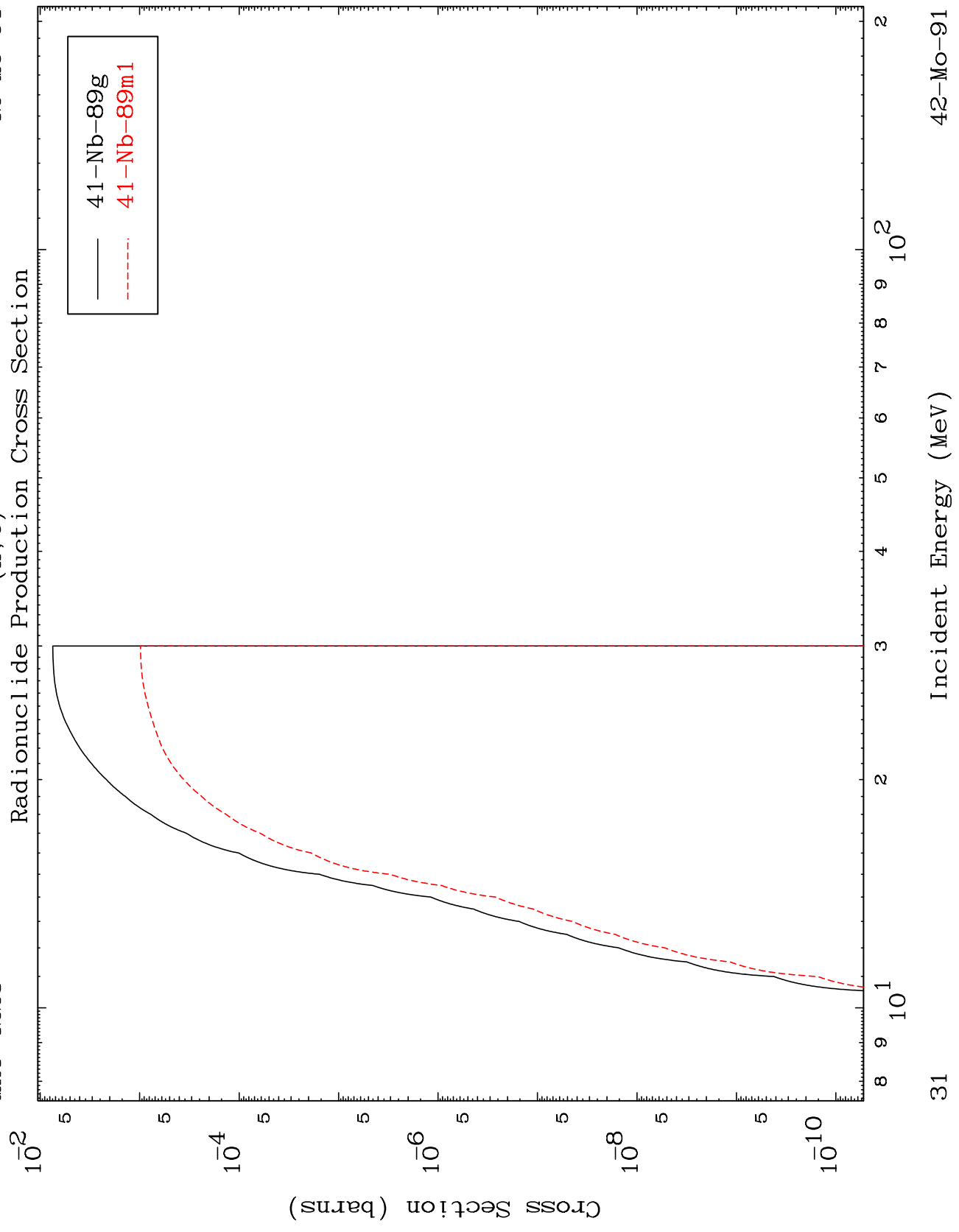
(n,d)
Radionuclide Production Cross Section



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(n, t)

42-Mo-91



31

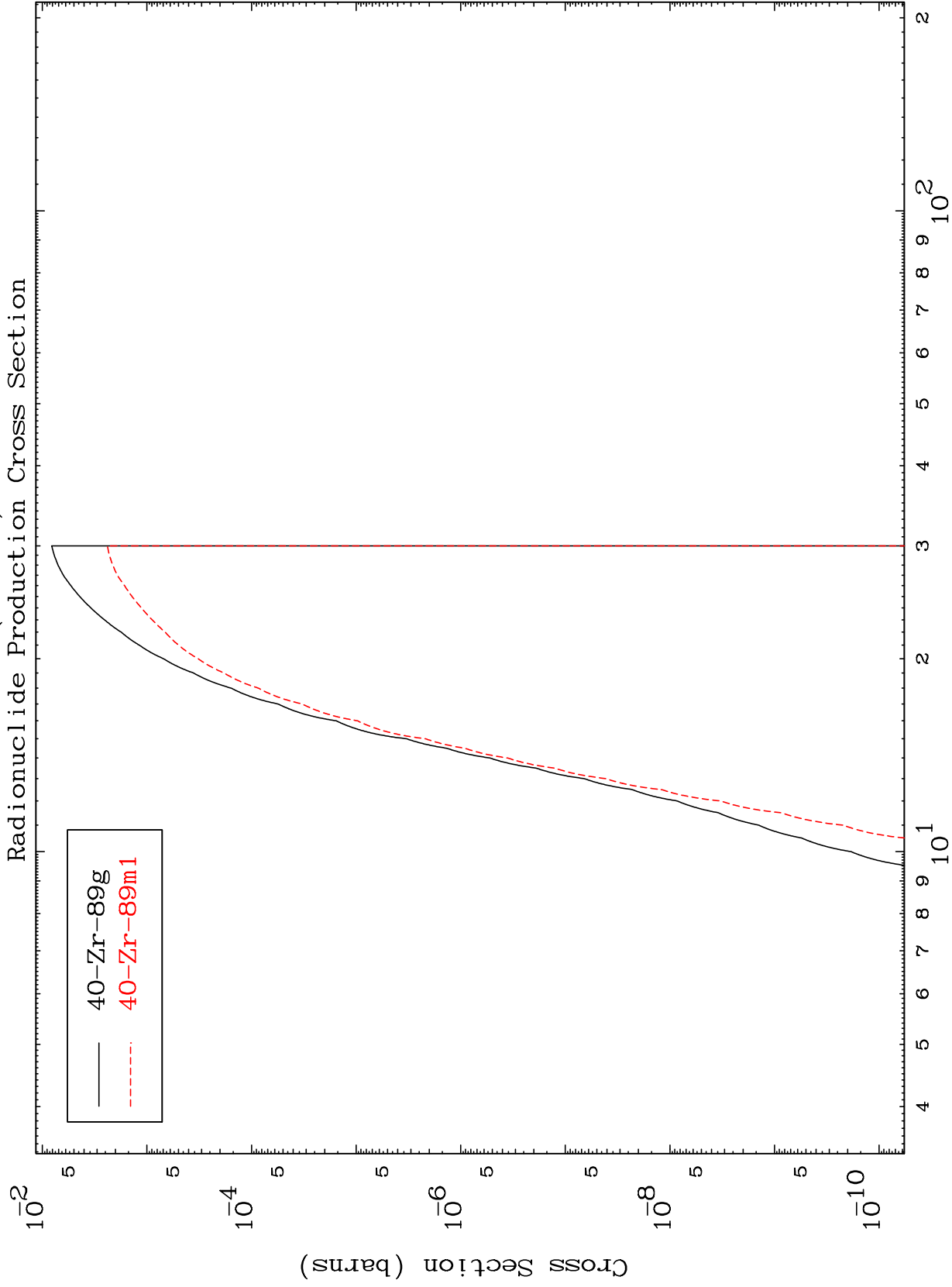
Incident Energy (MeV)

42-Mo-91

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(n,He-3)

42-Mo-91



32

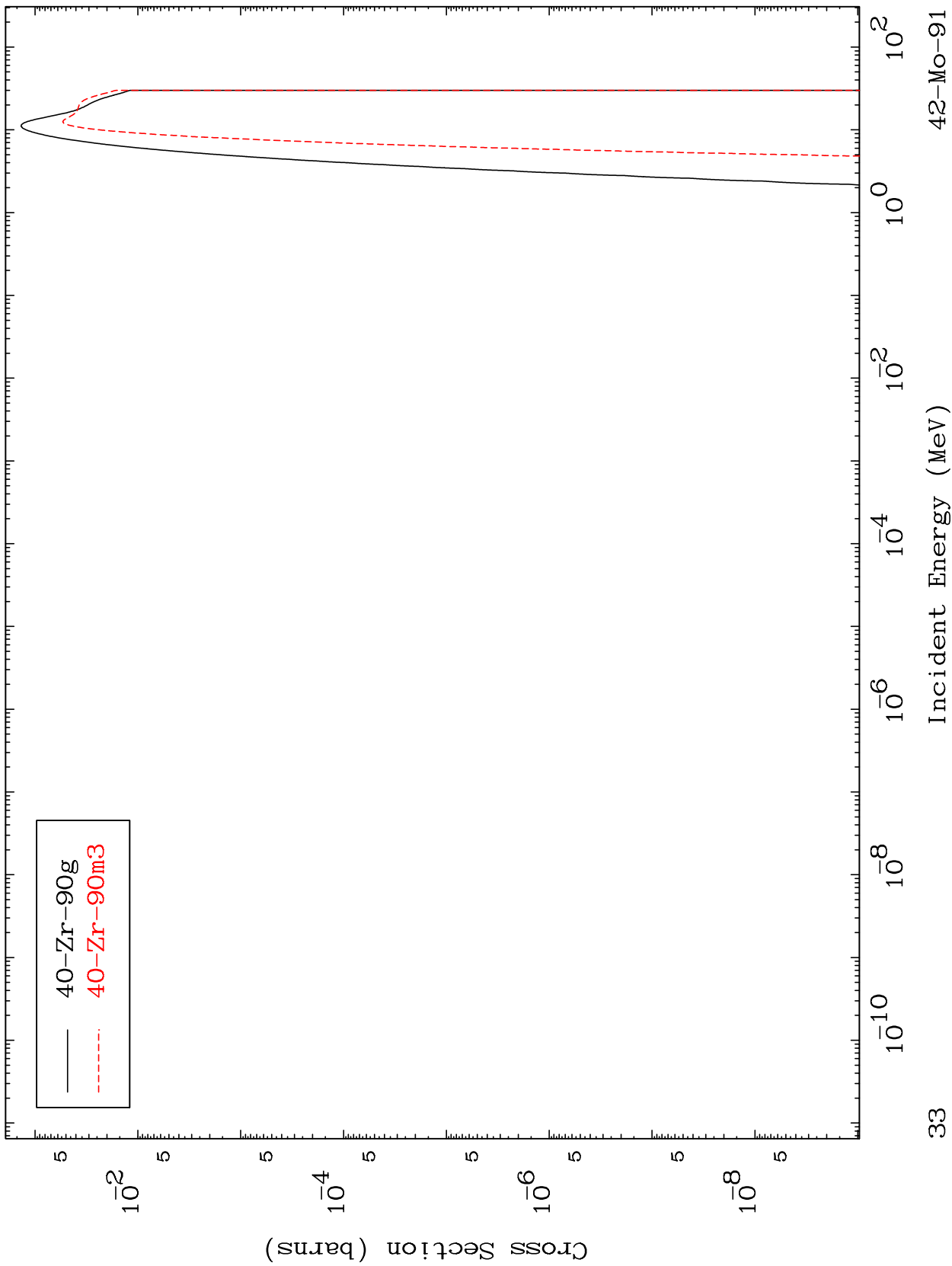
Incident Energy (MeV)

42-Mo-91

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42-Mo-91

(n,2p)
Radionuclide Production Cross Section

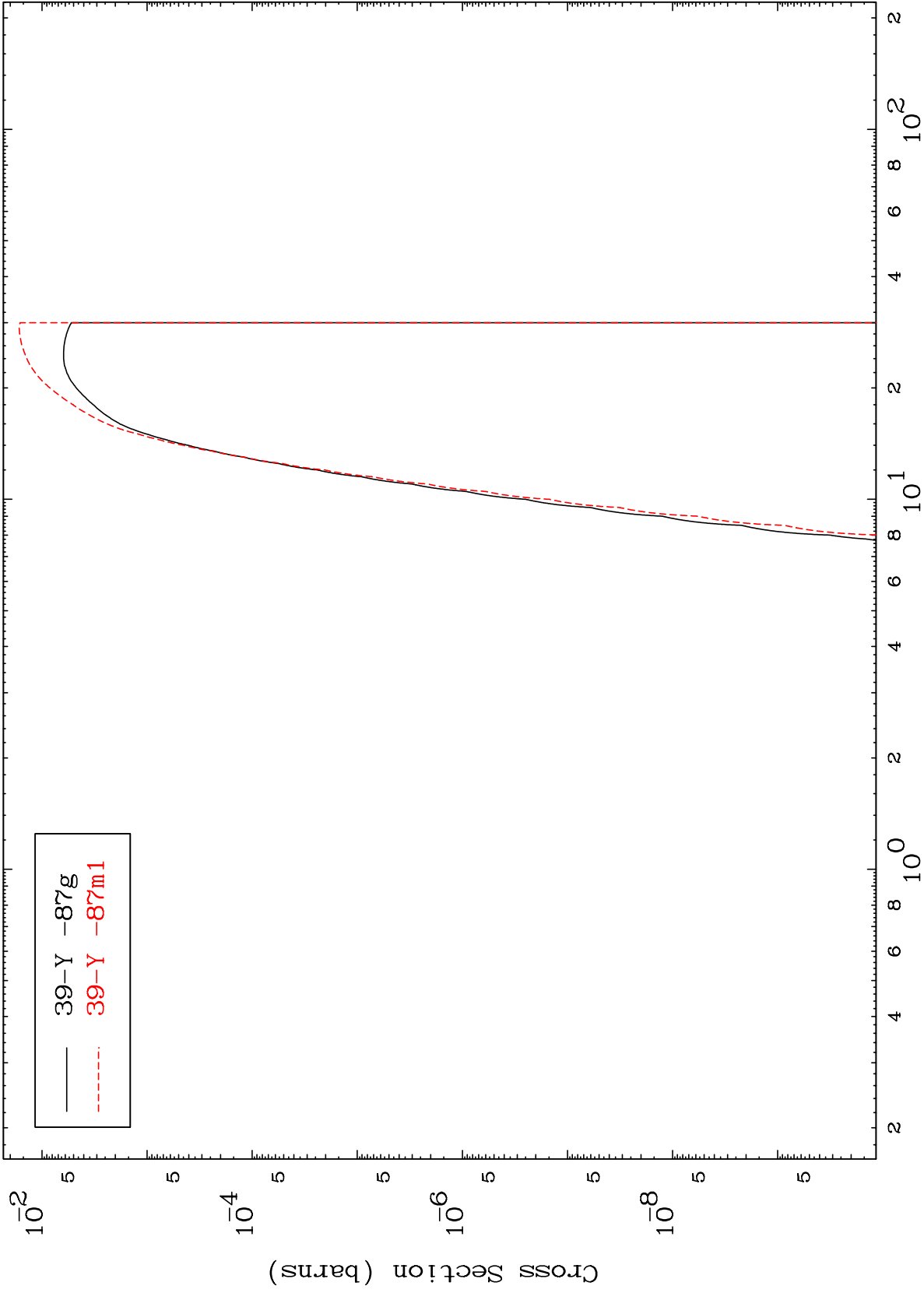


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(n,p) α

42-Mo-91

Radionuclide Production Cross Section



34

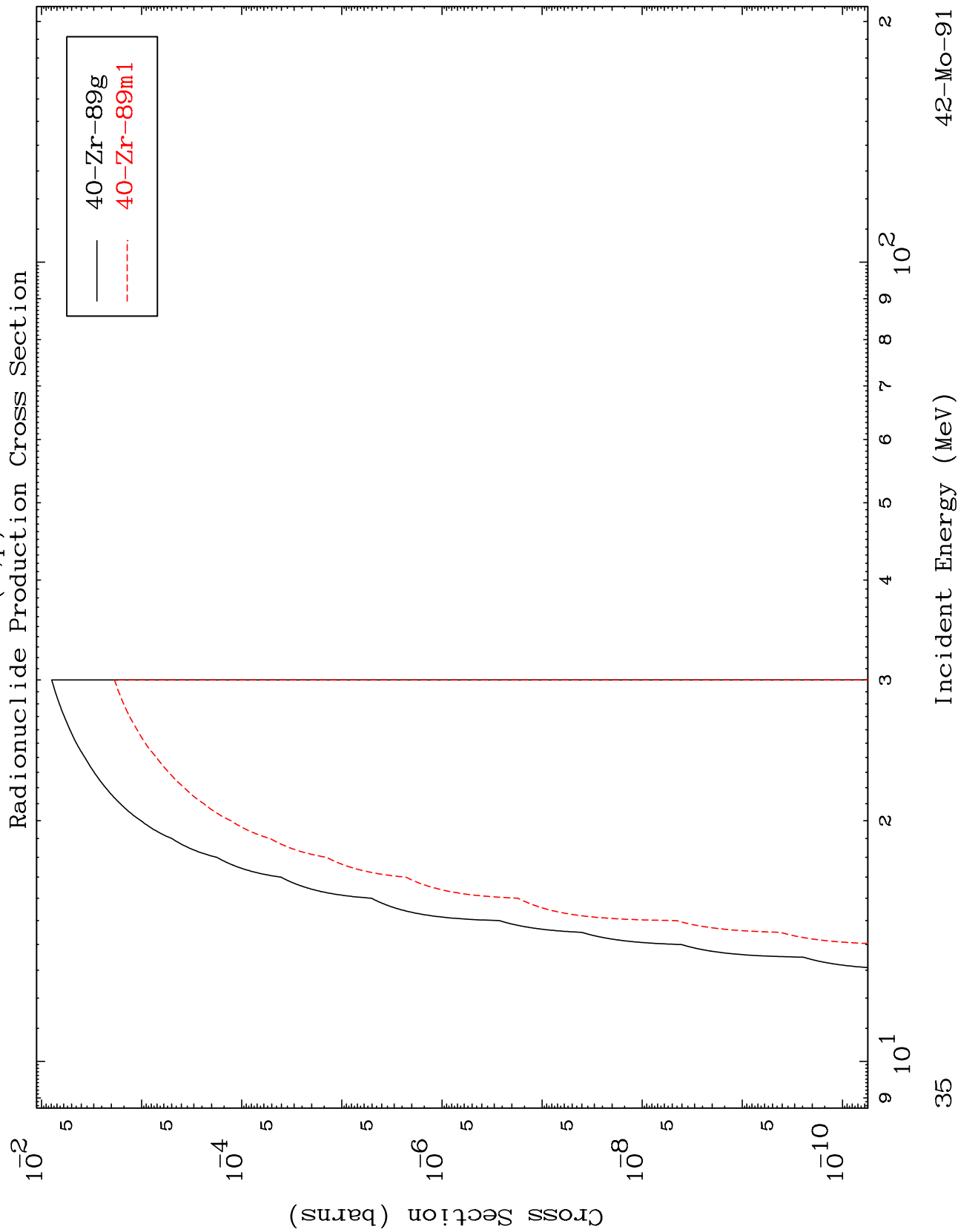
Incident Energy (MeV)

42-Mo-91

MAT 4223

(n,p) d

42-Mo-91

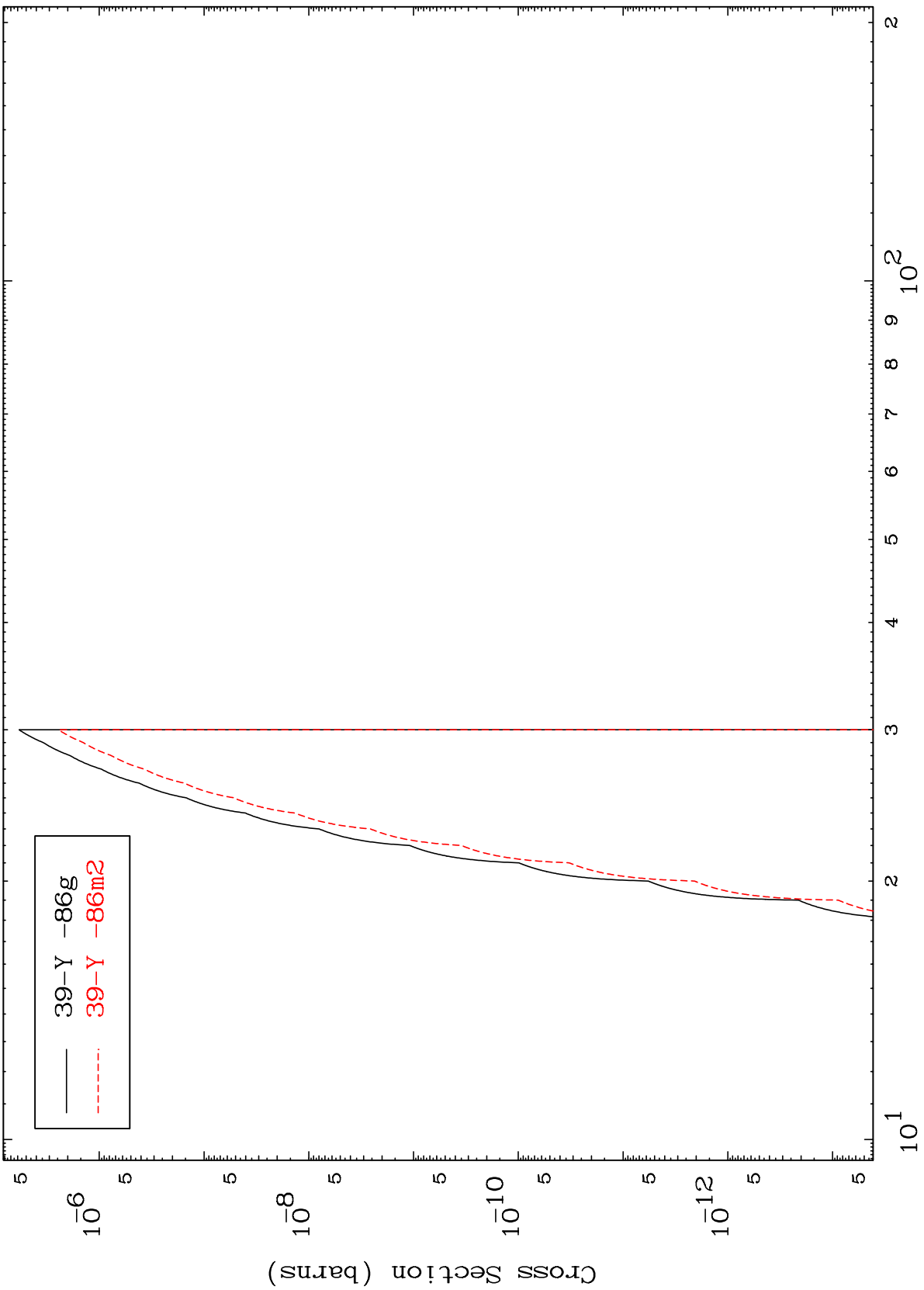


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(n,d) α

42-Mo-91

Radionuclide Production Cross Section



36

Incident Energy (MeV)

42-Mo-91